55
GODINA YEARS

IPSA INSTITUT

55 GODINA YEARS

Konsalting visoke kvalitete i inžinjering od 1958.

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IPSA
INSTITUT

Predgovor

IPSA Institut, osnovan 1958. godine, danas je vodeća bh. inženjerska kompanija za multidisciplinarne zadatke. IPSA Institut nudi integrisan pristup u svim područjima planiranja izgradnje: gradnja, transport, vodosnabdijevanje, snabdijevanje el. energijom, prostorno uređenje, arhitektura, zaštita okoliša i ispitivanje materijala.

Međunarodne finansijske institucije, vlade, državne agencije, investitori i industrijske korporacije cijene nas kao pouzdanog partnera u njihovim projektima, posebno kada kompleksni zahtjevi podrazumijevaju izazove.

Pri započinjanju novog projekta, naše iskustvo nam pomaže da izaberemo najbolje rješenje iz niza dobrih alternativa. S našim klijentima, uposlenicima, konsultantima, kandidatima, partnerim i isporučiocima gajimo proaktivne odnose zasnovane na povjerenju, što nam omogućuje da nađemo rješenja koja su ujedno inovativna i isplativa.

Naš dugoročni uspjeh zasniva se na otvorenim, iskrenim i odnosima ispunjenim poštovanjem.

Stalno zaposleno osoblje čine stručnjaci iz raznih disciplina poput građevinarstva, arhitekture, planiranja saobraćaja, planiranja konstrukcija, informacionih tehnologija, elektrotehnike i geodezije, te ekonomije i poslovnog upravljanja.

Imamo iskustva u radu s ograničenim budžetima i kratkim rokovima. Razumijemo teškoće s kojima se klijenti suočavaju, te im pomažemo u nalaženju rješenja koja doprinose njihovim poslovnim potrebama i daju rezultate. Pedesetipet godina iskustva koje IPSA Institut ima u radu na projektima u Bosni i Hercegovini, Hrvatskoj, Sloveniji, Makedoniji, Crnoj Gori, Srbiji, Libiji, Jordanu, Tanzaniji, Pakistanu, Italiji i Njemačkoj dokaz su naše sposobnosti da zadovoljimo zahtjeve klijenata.

Naša misija je da pružimo visokokvalitetne usluge u oblasti konsultantskog inženjeringa. Da bi postigli taj cilj, koristimo znanje, kreativnost i timski duh kako bi našim klijentima pružili vrhunske usluge.

Želimo da iskoristimo ovu priliku i zahvalimo se našim klijentima na povjerenju u IPSA Institut, te da pozovemo buduće klijente da se uzdaju u našu stručnost.

Doc. dr **Amir Fejzić**

Generalni direktor

Foreword

Founded in Sarajevo in 1958, the IPSA Institute is now the leading B&H engineering company for multidisciplinary tasks. IPSA Institute offers integrated planning for all fields of construction planning: buildings, transportation, water and energy supply, spatial planning and architecture, environmental protection and testing of materials.

International financing institutions, governments and governmental agencies, investors and industrial corporations, appreciate us as a reliable partner for their projects, especially when complex requirements are coupled with challenges.

When embarking on a new project, our experience helps us to find the best solution among a range of good alternatives.

We cultivate proactive trusting relationships with our customers, employees, consultants, candidates, partners, and suppliers allowing us to develop solutions that are both innovative and cost- effective.

Our long-term success depends on treating everyone we deal with openly, honestly, and respectfully.

Our permanent staff comprises experts across a range of disciplines such as civil engineering, architecture, traffic planning, structural planning, IT specialists, electrical engineers and surveying as well as economists and business management experts.

We are experienced in working with tight budgets and deadlines. We understand the difficulties clients face and assist them in finding solutions that facilitate their business needs and yield successful results. IPSA Institute's 55 years of experience of delivering projects in Bosnia and Herzegovina, Croatia, Slovenia, Macedonia, Montenegro, Serbia, Libya, Jordan, Tanzania, Pakistan, Italy and Germany are proof of our ability to meet our clients' requirements.

Our mission is to provide high quality services in consulting engineering. To achieve this objective, we use our knowledge, creativity and team spirit with a view to deliver first class services to our clients.

We would like to take this opportunity to thank all of our clients for their trust in IPSA Institute and to invite our future clients to put their trust in our expertise.

*Doc. dr **Amir Fejzić***

General Manager

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Kratki pregled historijskog razvoja IPSE

IPSA Institut razvio se iz Biroa za projektovanje osnovanog 1958 godine a koji je poslovao u okviru ŽTP-a Sarajevo. Tada su osnovne djelatnosti bile projektovanje manjih građevinskih objekata. Nakon 5 godina postojanja Biro je imao nekoliko tehnoloških cjelina koje su pokrivale oblast projektovanja u domenu infrastrukture (geodezija, saobraćajnice, konstrukcije, arhitektura, hidrotehnika i elektrotehnika).

1969 godine Biro za projektovanje postaje Biro za studije i projektovanje i postaje samostalni privredni subjekt.

1972 godine Biro za studije i projektovanje mijenja ime u Zavod IPSA istovremeno proširujući djelatnost i na nadzor nad izvođenjem radova. U tom periodu IPSA je uključena u realizaciju značajnih infrastrukturnih i industrijskih objekata.

1978 godine Zavod IPSA postaje IPSA Institut i snažno stupa i na međunarodno tržište i realizira projekte u Evropi, Africi i Aziji.

Olimpijske igre u Sarajevu 1984 godine bile su prilika i za IPSU da pokaže sve svoje mogućnosti. Stručnjaci IPSE kao istraživači, kao projektanti i kao nadzor nad izvođenjem radova, radili su na realizaciji brojnih objekata za ZOI 84 (stadion Koševo, ZETRA, saobraćajnice u gradu, skakaonice na Igmanu, proširenje aerodroma Sarajevo, bob staza na Trebeviću itd).

Skoro u istom periodu IPSA je učestvovala na realizaciji objekata termoelektrane Kakanj V, Željezara Zenica II faza, gasovod Zvornik – Sarajevo, uređaj za prečišćavanje otpadnih voda u Sarajevu, telemetrija vodovoda u Sarajevu, robnotransportni centri, autobaze, transportni plan BiH, željeznička pruga Misurata – Sebha (800 km), aerodromI Sarajevo i Tuzla, itd, itd.

Broj zaposlenih prešao je brojku od 300 u 1986-oj godini.

U Sarajevu usred ratnih zbivanja i 44-mjesečne opsade grada IPSA je u nezamislivim i neopisivim uslovima radila. U tim godinama isporučili smo i projekat ceste Tazerbo – Tmisah (695 km) koji smo počeli prije 1990 godine.

U periodu od 1995 godine IPSA je realizirala veliki broj projekata na obnovi državе. Urađena je projektna dokumentacija i vršen nadzor nad obnovom porušenih mostova preko Save, Bosne, Une, Spreče, Neretve, 400 km cesta, željezničkih kapaciteta, elektroenergetske mreže, aerodroma Sarajevo i Tuzla, škola i fakulteta, zdravstvenih centara, javnih objekata, hotela itd.

Overview of IPSA Institute's Development History

IPSA Institute developed from a Designing Division established in1958, which operated as part of the Sarajevo Railway Transportation Company. At the time, designing minor civil engineering structures was the main activity. Within 5 years of existence, the Division expanded to include technological units which carried out design work in the infrastructure domain (geodesy, transportation infrastructure, structures, architecture, hydraulic engineering and electrical engineering).

In 1969 the Designing Division became the Studies and Designing Division, an independent business entity.

In 1972 the Studies and Designing Division changed its name to Bureau IPSA, expanding its activities to supervision of construction works. At that time, IPSA was involved in the construction of important infrastructural and industrial structures.

In 1978 Bureau IPSA become IPSA Institute, strongly entering the international market and implementing projects in Europe, Africa and Asia.

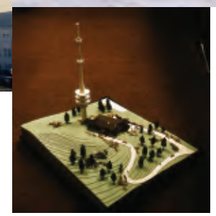
The 1984 Winter Olympic Games were an opportunity for IPSA to demonstrate all its capabilities. IPSA's experts, in their respective roles of researchers, designers and supervision engineers, were involved in the construction of numerous structures for the 1984 Winter Olympic Games (Koševo stadium, ZETRA, city roads, ski jumps on Mt. Igman, expansion of the Sarajevo Airport, the bobsleigh track on Mt. Trebević, etc.).

At the same time IPSA took part in constructing the following structures: Kakanj V thermal power plant facilities, II phase of Steel Mill Zenica, gas line Zvornik – Sarajevo, waste water treatment plant in Sarajevo, water supply system telemetry in Sarajevo, warehouses and transportation centres, car centres, B&H transportation plans, railway Misurata – Sebha (800 km) in Libya, airports Sarajevo and Tuzla etc.

The number of employees in 1986 exceeded 300.

In the midst of the war and during the 44-month siege of Sarajevo, IPSA worked under inconceivable and indescribable conditions. In that period we delivered the Tazerbo – Tmisah Road Design (695 km), which we started working on before 1990.

Since 1995 IPSA has implemented numerous projects aimed at rehabilitating the country. Design documents were developed and the reconstruction of destroyed bridges over the Sava River, the Una River, the Bosna River, the Spreča River and the Neretva River, 400 km of roads, railway capacities, power supply network, airports Sarajevo and Tuzla, schools and faculties, health centres, public buildings, hotels etc. was supervised.



1998 godine IPSA je uradila studiju izbora trase autoceste u Koridoru 5c što je bio početak aktivnosti IPSE na realizaciji najvažnijeg infrastrukturnog projekta u posljednjih 40 godina u BIH. Za autocestu u Koridoru 5c (330 km) urađena je i radi se izuzetno obimna studijska i projektantska dokumentacija. Urađena je i studijsko i projektantska dokumentacija za rekonstrukciju i remont 350 km željezničkih pruga u BiH.

Do 1999. godine IPSA Institut bio je u vlasništvu države ali se nije finansirao iz budžeta institucija već je poslovao na domaćem i svjetskom tržištu shodno tržišnim uvjetima i zakonitostima.

1999. godina u periodu tranzicije vlasništva bivši i tadašnji zaposlenici otkupili su 90% IPSA Instituta na javnom tenderu. Država je bila vlasnik 10% do 2005.god. kada su mladi novouposleni inženjeri otkupili tih 10%. Tako je i danas IPSA Institut u vlasništvu bivših i sadašnjih uposlenika IPSE. Vlasništvo je ograničeno. Maksimalni iznos uloga koje može imati bilo koji uposlenik je ograničen na 8% vrijednosti IPSE.

IPSA Institut je zajedno sa velikim evropskim konsultantskim firmama realizirao veliki broj projekata u okviru PHARE programa: Transport i okoliš, Upravljanje cestama, Povećanje kompetitivnosti željeznica, Master plan transporta BiH, Prognoza saobraćaja i.t.d.

2006 godine firma CETEOR (Centar za energetski, tehnološki i okolinski razvoj) postala je firma kćerka IPSA Instituta i proširila obim aktivnosti IPSA Instituta.

U proteklih 55 godina u IPSA Institutu urađeno je ukupno više od 7670 konsultantskih usluga (studija, projekata, nadzora nad izvođenjem radova, ispitivanja konstrukcija).

Od 1965 godine kao i danas stručnjaci IPSA Instituta su radili i rade na Univerzitetu u Sarajevu kao nastavno osoblje i asistenti a mnogi profesori i asistenti sa Univerziteta u Sarajevu i danas rade na realizaciji zahtjevnih studija i projekata.

Danas, kao i proteklih 55 godina, IPSA Institut pruža multidisciplinarne konsultantske usluge sarađujući sa našim klijentima i partnerima na bazi obostranog povjerenja.

In 1998, IPSA prepared a study for selecting the Corridor Vc route, which marked the beginning of IPSA's activities related to the most important infrastructure project in the last 40 years in B&H. Comprehensive studies and design documents were prepared and are still being prepared for the Corridor Vc Motorway (330 km). Studies and design documents were also developed for the reconstruction and rehabilitation of 350 km of railway tracks.

Unitl 1999, IPSA Institute was government-owned, but its operations were not financed from the government budget, instead, the conditions and rules of the local and international markets dictated its business activities.

In 1999, ownership of the company was transferred as 90% of IPSA Institute was bought by former and current employees at a public tender. The government still owned 10% till 2005, when young new employees purchased the remaining 10%. Hence, today IPSA Institute is owned by senior and junior employees and by those who earned their pensions at IPSA. The ownership ceiling for any employee is set at 8% of the value of IPSA.

Together with large European consulting companies IPSA has, over the last ten years, implemented various projects financed by the PHARE program: Transportation and Environment, Road Management, Increasing Railway Competitiveness, B&H Transport Master Plan, Traffic Perspectives, etc.

In 2006 CETEOR (Centre for Economic, Environmental and Technological Development) became the daughter company of IPSA, thus expanding the scope of IPSA's activities.

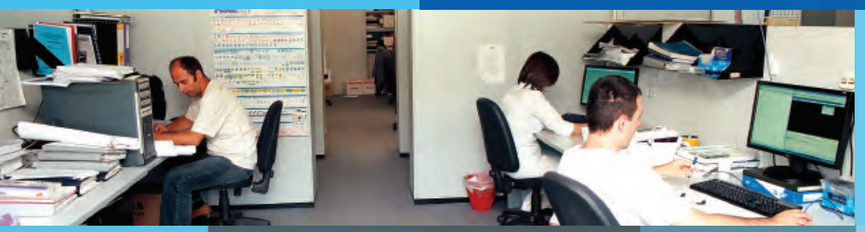
For the past 55 years IPSA has provided over 7670 consulting services (studies, designs, construction work supervision and testing of structures).

Ever since 1965, IPSA's experts have worked at the University of Sarajevo as teaching staff and assistants, and many University professors and assistants are engaged on demanding studies and projects as outsourced staff.

Nowadays, as in past 55 years, in cooperation with its clients and partners based on mutual trust, IPSA Institute provides multi-disciplinary services.

7670 PROJEKATA PROJECTS

FOUNDED IN SARAJEVO IN 1958, THE IPSA INSTITUTE IS NOW THE LEADING B&H ENGINEERING COMPANY

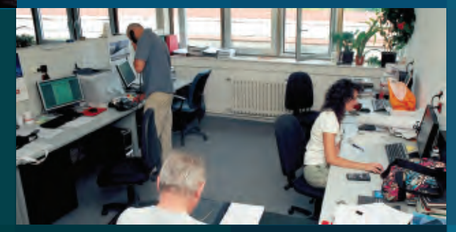


KNOWLEDGE, CREATIVITY, TEAM SPIRIT

ORGANIZACIONA STRUKTURA *ORGANIZATIONAL STRUCTURE*

IPSA INSTITUT SARAJEVO

- IPSA ITES
- IPSA TRAN
- IPSA HYDRO
- IPSA ENICOM
- IPSA PPA
- IPSA INŽENJERING
- CETEOR



SISTEM UPRAVLJANJA KVALITETOM

IPSA Institut je uspješno uspostavio i održava sistem upravljanja kvalitetom od jula 2012.g. od kada posjeduje certifikat ISO 9001-2008 za consulting inženjering-studije, projektovanje, upravljanje projektima, nadzor nad izvođenjem radova u oblastima transportne infrastrukture i snabdijevanja vodom i električnom energijom, visokogradnje i zaštite okoliša.

Audit je obavila certifikacijska kuća TÜV (Thuringen e.V.) iz Njemačke, a Certifikat je akreditiran od strane DAkkS (Deutsche Akkreditierungsstelle).

Misija

Mi pružamo visokokvalitetne usluge iz područja "Consulting engineering" – studije, projektovanje, upravljanje projektima, nadzor u domenu transportne infrastrukture, snabdijevanja vodom i el. energijom, visokogradnje i zaštite okoliša. Pri tome koristimo naše znanje, kreativnost i duh timskog rada tako da svakom kupcu isporučimo vrhunski proizvod u ovoj oblasti.

Vizija

Naša je vizija:

- Biti prepoznatljivi kao društvo visokih vrijednosti, konkurentskih sposobnosti i povjerenja svih zainteresiranih strana, ostvarujući ekonomske rezultate i društvenu odgovornost vrhunske kompanije na prostorima BiH i zadržati lidersku poziciju na tržištu Bosne i Hercegovine u području "Consulting engineering" u domenu infrastrukture.
- Održavati stečeni ugled imena IPSA - INSTITUT slijedeći principe poslovne izvrsnosti,
- Biti društvo koja će stalno privlačiti i zadržavati stručnjake iz svoje djelatnosti koji će imati mogućnost i obavezu stalno se razvijati i usavršavati.
- Biti društvo koje uči i kontinuirano ostvaruje inovativne, razvojne i poduzetničke sposobnosti za pouzdan i prosperitetan opstanak na tržištu,
- Biti društvo koje pokreće razvoj BiH.

Politika kvaliteta

- Razumjeti sadašnje i buduće potrebe i očekivanja naših kupaca, zadovoljiti njihove zahtjeve i nastojati da prevaziđemo njihova očekivanja.
- Neprekidno poboljšavati kvalitet naših proizvoda i djelotvornost procesa sistema upravljanja kvalitetom.
- Educirati i motivirati naše osoblje i promovirati timski rad kako bi optimalno iskoristili sposobnosti zaposlenih.
- Kada je potrebno, koristiti vrhunske eksperte izvan našeg Instituta na obostranu korist i dugoročno.
- Uvijek težiti da ono što kupcu isporučujemo, prevazilazi njegova očekivanja;
- Održavati i stalno poboljšavati sistemski i procesni pristup upravljanja poslovnim aktivnostima u kome su procesi jasno definirani i vođeni u kontroliranim uslovima;
- Naše poslovne aktivnosti uvijek provoditi u skladu sa odgovarajućim zakonima, propisima, standardima i pozitivnom poslovnom praksom;
- Kontinuirano održavati i poboljšavati kompetentnost, svjesnost i motiviranost uposlenika za kvalitet;
- Postavljati ambiciozne, mjerljive i ostvarljive ciljeve na svim relevantnim nivoima organizacione strukture konzistentno ovoj politici;
- Svi uposleni moraju znati, razumjeti i prihvatiti vlastite odgovornosti, slobodu djelovanja, te puteve i metode komuniciranja;
- Sa našim partnerima i zainteresiranim stranama otvoreno komunicirati te, razvijati i održavati obostrano korisne partnerske odnose;
- Održavati i stalno poboljšavati naš sistem upravljanja kvalitetom kako bi smo poboljšali performanse kvaliteta;
- Naše odluke temeljiti na činjenicama proizašlim iz nadziranja i mjerenja karakteristika proizvoda, procesa, sistema upravljanja i zadovoljstva kupaca.

QUALITY MANAGEMENT SYSTEM

IPSA Institute has successfully established and maintained its Quality Management System since July 2012, when it was awarded the ISO 9001-2008 Certificate for consulting engineering - studies, designing, project management, work supervision in the fields of transport infrastructure, water and energy supply, building construction and environment protection sectors.

The certification process was led by the authorised German company, TÜV (Thuringen e.V.).The certificate is accredited by the DAkkS (Deutsche Akkreditierungsstelle).

Mission

We offer high quality consulting engineering services in the fields of study and design development, project management, supervision of works related to transport infrastructure, water and energy supply, building construction and environmental protection. Our knowledge, creativity and team spirit enable us to deliver first class services to each client.

Vision

Our vision is:

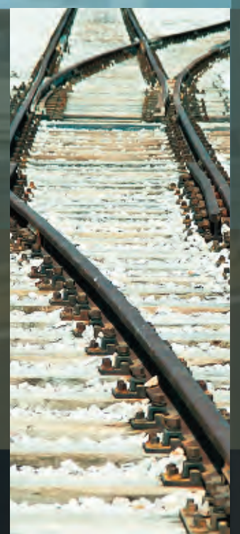
- *To be recognized as a company observing high values, with competitive ability and the trust of all stakeholders, achieving economic results and social responsibility as a renowned company in B&H and to maintain the market leading position in Bosnia and Herzegovina in the field of infrastructure focused consulting engineering.*
- *To maintain the reputation that IPSA Institute has acquired following the principles of business excellence;*
- *To be the company that constantly attracts and retains experts giving them the opportunity and obliging them to constantly develop and improve;*
- *To be the company that learns and continuously grows its innovation, developmental and entrepreneurial capabilities with the aim of achieving;*
- *To be the company that initiates the development of B&H.*

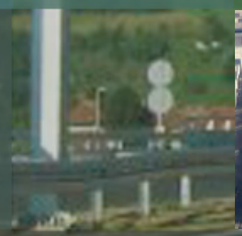
Quality Policy

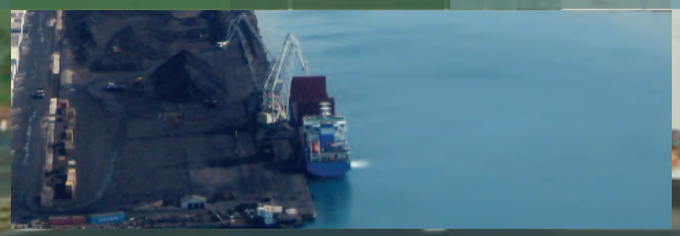
- *Understand current and future needs and expectations of our Clients, satisfy their requirements and try to exceed their expectations;*
- *Constant improvement of the quality of our services and effectiveness of quality management system processes;*
- *Educate and motivate our employees and promote team work in order to optimise the use of their abilities;*
- *When necessary, outsource the services of leading experts to our mutual benefit and in the long term;*
- *Always strive to deliver services that exceed the Client's expectations;*
- *Maintain and constantly improve the systematic and process approach to business activities, with clearly defined processes managed under controlled conditions;*
- *Always conduct business in line with the relevant legislation, regulations, standards and positive business practice;*
- *Continuously maintain and improve employees' competence, awareness and motivation in terms of quality;*
- *Set ambitious, measurable and reachable objectives at all relevant organisational structure levels, as set out in this policy;*
- *All employees must be familiar with, understand and accept their responsibility, freedom of action as well as communication lines and methods;*
- *Openly communicate with partners and stakeholders with a view to develop and maintain mutually beneficial partnerships;*
- *Maintain and constantly improve our quality management system in order to enhance quality;*
- *Our decisions are based on facts obtained through monitoring and measuring the characteristics of products, processes, management systems and our Clients' satisfaction.*

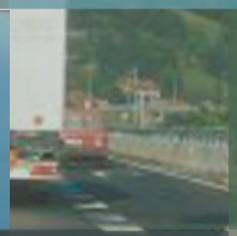
IPSA INSTITUT

IPSA ITES









IPSA ITES

IPSA ITES (Istraživanja u tehničkim i ekonomskim sistemima). Osnovan je 1969. godine.

Direktor
M. Sc. Enes Čovrk

M. Sc. Enes Čovrk
Head of IPSA ITES

Glavne aktivnosti IPSA ITES su konsultantske usluge kao:

- studije podobnosti
- tehničke i tehnološke studije
- studije saobraćaja
- master planovi razvoja transportnih sistema
- upravljanje u tehničkim i ekonomskim sistemima
- programi razvoja transportne infrastrukture, rekonstrukcije i modernizacije
- specijalističke studije zaštite okoliša
- studije transportne tražnje
- studije kategorizacije infrastrukture
- studije mobilnih transportnih kapaciteta
- optimizacije tehničkih rješenja

U domenu:

- cesta
- željeznica
- avio saobraćaja
- multimodalnog transporta
- luka i pristaništa
- prostornog planiranja
- drugih infrastrukturnih sistema.

Najčešći korisnici usluga IPSA ITES su institucije u javnom sektoru zaduženom za transport (Ministarstvo transporta, Direkcije cesta, željeznice, civilne avijacije, itd.), međunarodne institucije (EIB, EBRD, WB, EC, itd.) i razni klijenti iz privatnog sektora.

IPSA ITES

IPSA ITES (Research into Technical and Economic Systems) was founded in 1969.

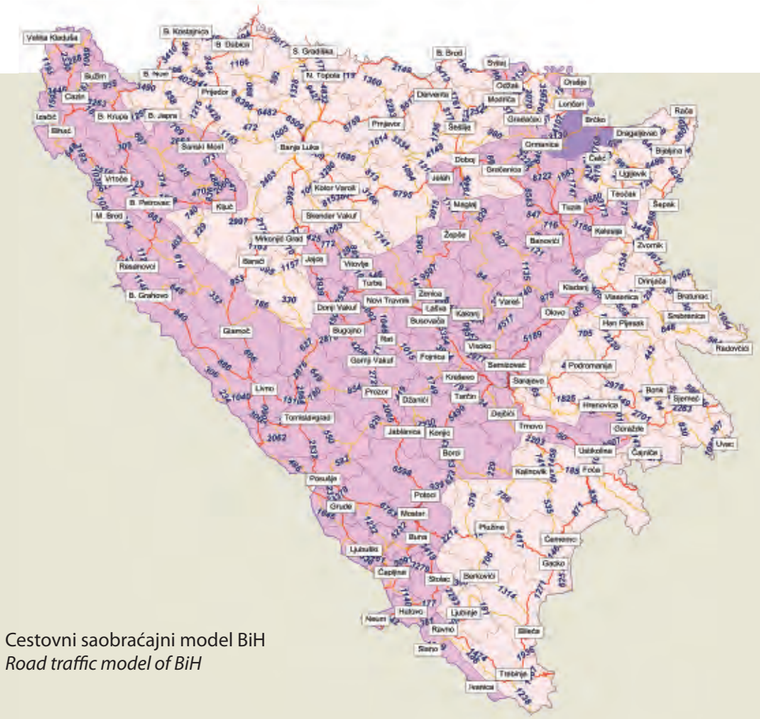
Providing consulting services is the principle activity of IPSA ITES:

- *feasibility studies*
- *technical and technological studies*
- *traffic studies*
- *master plans of transportation systems development*
- *management concerning technical and economic systems*
- *transport infrastructure, reconstruction and modernisation development programs*
- *specialised environmental protection studies*
- *transport demand studies*
- *infrastructure categorisation studies*
- *studies on mobile transport capacities*
- *optimisation of technical solutions*

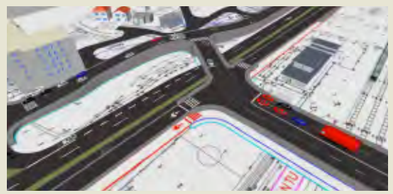
The above covers the following domains:

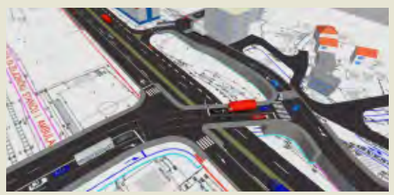
- *roads*
- *railways*
- *air traffic*
- *multimodal transport*
- *ports and harbours*
- *spatial planning*
- *other infrastructure systems.*

The most frequent users of the IPSA ITES services are public sector institutions in charge of transport (Ministry of Transport, Directorate for Roads, railways, civil aviation, etc.), international institutions (EIB, EBRD, WB, EC, etc.) and various private sector clients.

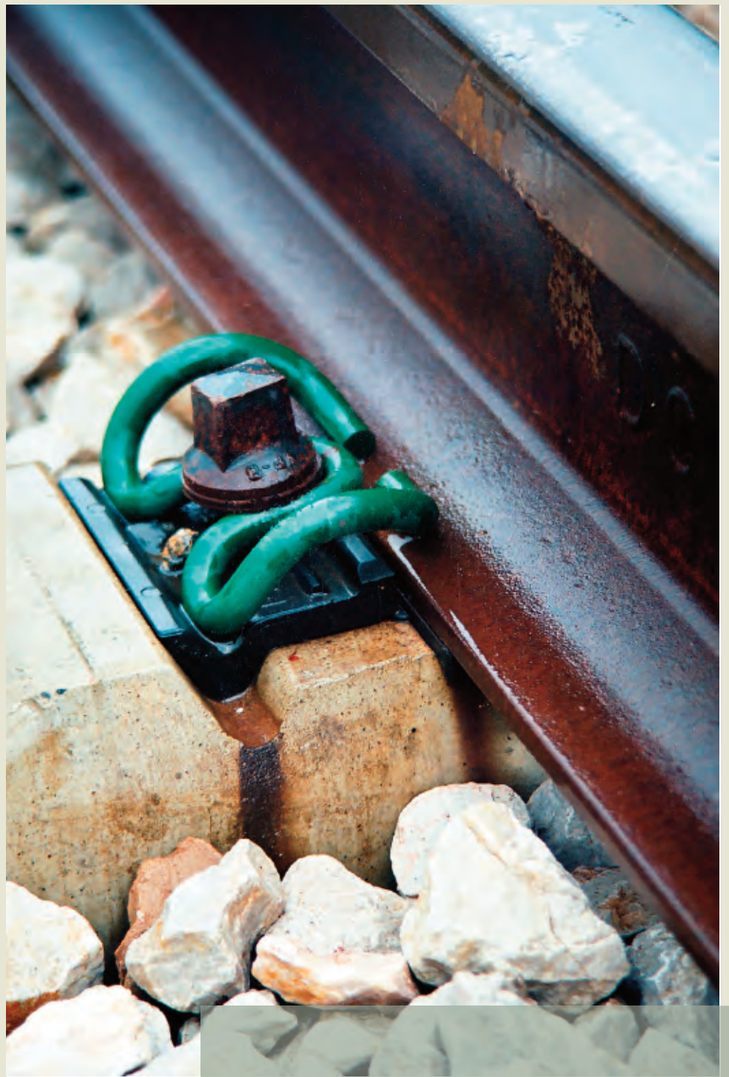


Cestovni saobraćajni model BiH
Road traffic model of BiH





Simulacija saobraćaja
Traffic simulation



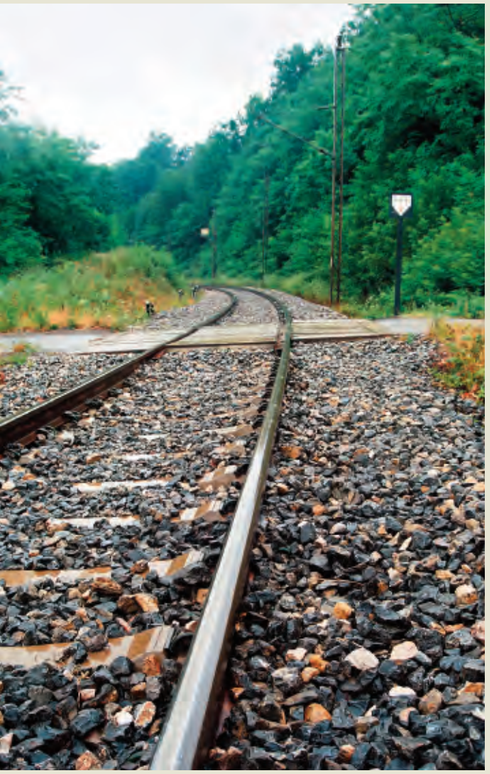
Detalj sa remontovane pruge u Koridoru Vc
Detail from overhauled railway line in Corridor Vc

Sektor cesta

- Novelirana studija izvodljivosti izgradnje autoceste Zenica-Sarajevo;
- Preliminarna studija izbora trase autoceste kroz Bosnu i Hercegovinu u Pan-evropskom Koridoru Vc;
- BH-Studija naknada za ceste;
- Prethodna studija izvodljivosti autoceste sjeverozapad-jugoistok, dionica V. Kladuša-Ključ;
- Studija izbora trase transportnog Koridora sjeverozapad-jugoistok Velika Kladuša-Bihać-Sarajevo-Goražde;
- BH-Studija troškova u sektoru cesta;
- Studija razvoja ogranaka na Koridoru Vc (faza 1 i 2);
- Studija razvoja ogranaka na Koridoru Vc (faza 3 i 4) - Projekat u sektoru cesta (Autocesta Zenica-Svilaj);
- Studija snimanja saobraćaja na cesti Zenica-Sarajevo;
- Istraživanje transporta u FBiH (za Studiju Master Plana Transporta u BiH);
- Studija izbora trase autoceste Tuzla-rijeka Sava;
- Prethodna studija izvodljivosti autoceste Tuzla-rijeka Sava;
- Studija izvodljivosti obilaznice Sarajevo;
- Studija izvodljivosti za obilaznicu oko grada Brčko;
- Studija identifikacije crnih tačaka na mreži magistralnih cesta u FBiH;
- Prethodna studija izvodljivosti za autocestu u Koridoru Vc kroz Bosnu i Hercegovinu;
- Studija izvodljivosti za autocestu u Koridoru Vc kroz Bosnu i Hercegovinu;
- Saobraćajna studija za autocestu Tuzla-rijeka Sava;
- Ažurirana studija izvodljivosti za dionicu B-H autoceste u Koridoru Vc Butila-Vlakovo-Tarčin;
- Studija izvodljivosti za autocestu Banja Luka-Doboj;
- Studija izvodljivosti za brzu cestu Lašva-Donji Vakuf;

Roads sector

- *Updated feasibility study of Zenica-Sarajevo motorway construction;*
- *Preliminary study of route selection for motorway through Bosnia and Herzegovina in Pan European Corridor Vc;*
- *BH-Road charges study;*
- *Pre-feasibility Study of the Motorway Northwest-Southeast, Section V Kladuša-Ključ*
- *Route Selection Study Northwest-Southeast Transportation Corridor Velika Kladuša-Bihać-Sarajevo- Goražde*
- *BH-Costs study in roads sector;*
- *Study on Development of Branches on Corridor V (phase 1 & 2)*
- *Study on Development of Branches on Corridor V (phase 3 & 4)-Road Project in road sector (motorway Zenica-Svilaj) ;*
- *Traffic Survey on Zenica-Sarajevo motorway;*
- *Research of transport in FBIH (for the Study on the Transport Master Plan in Bosnia and Herzegovina)*
- *Study for Tuzla-River Sava Motorway Route Selection*
- *Pre-Feasibility Study for Motorway Tuzla-Sava River*
- *Feasibility Study of Sarajevo Bypass*
- *Feasibility Study for Brčko Bypass*
- *Study of identification of black spots on the main roads network in the Federation of BiH*
- *Pre-feasibility Study for Bosnia and Herzegovina Motorway in Corridor Vc;*
- *Traffic Study for motorway Tuzla-river Sava*
- *Updating of Corridor Vc Motorway Feasibility Study for the Butila-Vlakovo-Tarcin Section*
- *Feasibility Study of Banja Luka-Doboj Motorway*
- *Feasibility Study for Lasva-Donji Vakuf High Speed Road;*



CPr sa pruge u Koridoru Vc
LC at railway line in Corridor Vc

Detalj iz stanice remontovane pruge
Detail from station within an overhauled railway line

Stanica na pruzi Sarajevo-Čapljina
Station on railway line Sarajevo-Čapljina

Skretničko područje remontovanog kolosjeka
Switch area on overhauled track

- Ažurirana studija izvodljivosti za dionicu B-H autoceste u Koridoru Vc Svilaj-Odžak;
- Ažurirana studija izvodljivosti za dionicu B-H autoceste u Koridoru Vc Počitelj-Bijača;
- Studija izvodljivosti i Idejno rješenje magistralne ceste M18 Foča-Hum;
- Ažurirana studija izvodljivosti za južnu obilaznicu Mostar;
- Ažurirana studija izvodljivosti za obilaznicu oko grada Brčko;
- Studija izvodljivosti za dionicu M18 Podpaklenik-Kladanj (prevoj Karaula);
- Studija izvodljivosti obilaznice Kalesija;
- Studija izvodljivosti obilaznice Bihać;
- Prethodna studija izvodljivosti autoceste A2 Žepče-Tuzla;

Sektor željeznica

- Prethodna dokumentacija za Yen kredit za projekat sanacije željeznica;
- Prethodna studija izvodljivosti modernizacije lokomotive serije 441;
- Studija poboljšanja konkurentnosti željezničkog transporta u srednjo-evropskim i istočno-evropskim zemljama;
- Prethodna studija izvodljivosti produženja Koridora V, ogranak C, na trajektnu liniju Ploče-Ankona;
- Prioritetni projekti sanacije željeznica u Bosni i Hercegovini na Pan-evropskom Koridoru V i trasi paralelnoj Koridoru X;
- Studija razvoja ogranaka na Koridoru Vc (faza 1 i 2);
- Studija razvoja ogranaka na Koridoru Vc (faza 3 i 4)-Projekat u sektoru željeznica (Remont pruge Podlugovi-Sarajevo-Čapljina);
- Studija izvodljivosti uspostavljanja multimodalnog Koridora Sarajevo-Ploče;

- *Updated Feasibility Study for Bosnia and Herzegovina's Motorway in Corridor Vc, Section: Svilaj-Odzak*
- *Updated Feasibility Study for Bosnia and Herzegovina's Motorway in Corridor Vc, Section: Počitelj-Bijača*
- *Feasibility Study and Conceptual Design for main road M18 Foča – Hum*
- *Updated Feasibility Study for Southern Mostar Bypass*
- *Updated Feasibility Study for Brčko Bypass*
- *Feasibility Study for Reconstruction of road M18 Kladanj-Podpaklenik (Karaula)*
- *Feasibility Study for Kalesija Bypass*
- *Feasibility Study for Bihać Bypass*
- *Prefeasibility study for motorway A2 Žepče-Tuzla;*

Railway sector

- *Preliminary Documentation for Yen Credit of Railway Rehabilitation Projects*
- *Pre-feasibility Study for modernization of the locomotive type 441;*
- *Study on Improvement of Competitiveness of Railway Transport in CEEC;*
- *Pre-feasibility Study for Extension of Corridor V branch C on the ferry line Ankona-Ploce;*
- *Priority Rehabilitation Projects of the Railways in Bosnia and Herzegovina on Pan-European Corridor V and Parallel Corridor X;*
- *Study on Development of Branches on Corridor V (phase 1 & 2);*
- *Study on Development of Branches on Corridor V (phase 3 & 4)-Railway Project; (Overhaul of Podlugovi-Sarajevo-Čapljina)*
- *Feasibility Study for Multi-modal Corridor Sarajevo-Ploce;*

Detalj iz stanične postavnice u stanici A. Most

Detail from signal box in station A. Most

Detalj sa pruge Kosovo Polje - Peć

Detail from railway line F.Kosove-Peje

Detalj sa pruge Priština Merdare

Detail from railway line Prishtine-Merdare

Studija izvodljivosti remonta pruge Podlugovi-Sarajevo-Čapljina

Feasibility Study of track overhaul on railway line Podlugovi-Sarajevo-Čapljina

- Studija istraživanja tržišta za željeznice u Bosni i Hercegovini;
- Preliminarna komparativna analiza rada između klasičnih putničkih kola i "Talgo" vozova na željeznicama u Bosni i Hercegovini;
- Studija identifikacije projekata za sanaciju željeznica u Bosni i Hercegovini;
- Regional Balkans Infrastructure Study (REBIS)-Projekat željeznica u Bosni i Hercegovini;
- Evaluacija pomoći Finske Bosni i Hercegovini-donacija polagačice željeznicama;
- Studija nabavke teretnih vagona za ŽFBiH;
- Studija izvodljivosti rekonstrukcije manevarskih lokomotiva serije 642 i 212;
- Studija izvodljivosti uvođenja "Talgo" vozova u eksploataciju na prugama u Bosni i Hercegovini;
- Elaborat izbora sredstva za usluge regionalnog saobraćaja ŽFBiH;
- Glavni projekat organizacije železničkog saobraćaja u RMU Kakanj;
- Glavni projekat sanacije pruge B. Šamac-Doboj (Elaborat o ekonomskoj opravdanosti);
- Glavni projekat velike opravke (remonta) gornjeg stroja železničke pruge Vrbnica-Bar, dionice: Mijatovo Kolo-Mojkovac i Trebaljevo-Kolašin - Elaborat zaštite okoliša
- Studija mogućnsti sanacije železničke pruge Brčko – Banovići
- Analiza i procjena vrste i obima sanacionih radova na dionici Podlugovi - Sarajevo železničke pruge Bosanski Šamac - Sarajevo – Čapljina
- Novelirana investiciona studija remonta pruge Vrpolje-Sarajevo- Ploče (dionica: Podlugovi- Sarajevo-Ploče);
- Studija za obnovu "železničkog pravca 10" (Leshak-Fushe Kosove-Hani i Elezit)-Kosovo;
- Studija izvodljivosti glavne opravke pruge Podlugovi-Sarajevo;

- *Market Research Study for Railways in Bosnia and Herzegovina*
- *Preliminary Comparative Analysis in Operation between Classic Passenger Coaches and "Talgo" Trains on B&H Railways;*
- *Project Scoping Study for Railway Rehabilitation in Bosnia and Herzegovina*
- *Regional Balkans Infrastructure Study (REBIS)-Project of Railways in Bosnia and Herzegovina;*
- *Evaluation of Finland's donation to Bosnia and Herzegovina-donation of a track laying machine to the railway company;*
- *Study on Freight Wagon Purchase for ZFBiH*
- *Feasibility Study for reconstruction of switching engines of series 642 and 212*
- *Feasibility Study of „Talgo" trains in operation on railway lines of Railways of B&H*
- *Report on selection of funds for regional traffic services provided by ŽFBiH;*
- *Main design for Introduction of Railway Transport System in coal mine Kakanj;*
- *Main Design of overhaul of B.Šamac-Doboj (Economic Justification Report);*
- *Main Design of General Repair (Overhaul) of Superstructure of Railway Vrbnica – Bar, Section: Mijatovo Kolo – Mojkovac - Environment Protection Elaborate*
- *Opportunity Study Rehabilitation of Railway Line Brcko-Banovici*
- *Analysis and Assessment of Type and Scope of Rehabilitation Works on Sections Podlugovi-Sarajevo of Railway Line Bosanski Šamac-Sarajevo-Čapljina*
- *Updated Track Overhaul Investment Study for Vrpolje-Sarajevo- Ploče (section: Podlugovi- Sarajevo-Ploče);*
- *Study for Rehabilitation of Rail Route 10 (Leshak-Fushe Kosove-Hani and Elezit) Kosovo*

- Studija za obnovu železničkih pruga Istok-Zapad na Kosovu;
- Studija izvodljivosti glavne opravke pruge Doboj-Maglaj i Jelina-Zenica;
- Studija povezivanja Budimpešte sa Jadranskim morem
- Studije izvodljivosti izgradnje pruga normalnog kolosjeka
- Studija izvodivosti uvođenja vozova velikih brzina
- Studija izvodivosti izgradnje pruga za vozove velikih brzina na području Balkana (Balkanska osa)
- Projekat uvođenja informacionog sistema za daljinsku kontrolu saobraćaja teretnih vozova na mreži pruga bivše Jugoslavije
- Investicioni program rekonstrukcije objekta za daljinsko upravljanje saobraćajem u Doboju
- Studija izvodivosti uvođenja daljinskog sistema kontrole saobraćaja na pruzi Zagreb- Tovarnik
- Studija železničkih kapaciteta i tehnoloških procesa za prugu Misurata-Sebha (Libija)
- Studija izvodivosti rekonstrukcije i podizanja kapaciteta železničke stanice Sežana
- Studija izvodivosti I faze rekonstrukcije železničkog čvora Ljubljana
- Studije izvodivosti za rekonstrukciju i podizanje kapaciteta železnica za ŽTP Ljubljana
- Strategija razvoja teretnog i putničkog saobraćaja za ŽTP Sarajevo
- Studija izgradnje kritičnih dionica drugog kolosjeka pruge Vrpolje-Sarajevo
- Studija izvodivosti modernizacije železničkih čvorova Ljubljana, B. Novi, Sarajevo i Zagreb
- Studija postepenog povećanja brzina na pruzi Jesenice- Ljubljana-Dobova
- Investicioni programi remonta gornjeg stroja pruga
- Investicioni programi modernizacije za postojeće pruge

- *Feasibility Study for Corridor Vc Railway section Podlugovi – Sarajevo*
- *Study for Rehabilitation of East-West Railway Lines in Kosovo*
- *Feasibility study of Overhaul of Railway Sections Doboj-Maglaj and Jelina-Zenica*
- *Study of connection Budapest with Adriatic sea*
- *Feasibility study on standard gauge railway line construction*
- *Feasibility study of high-speed railways in ex-Yugoslavia*
- *Feasibility study of construction high-speed Balkan railway line (Balkan axe)*
- *Information system project for remote control of freight train on ex-Yugoslavia railway network*
- *Investment programs of reconstruction for traffic remote control building in Doboj*
- *Feasibility study of traffic remote control system on railway line Zagreb-Tovarnik*
- *Study of railway capacities and facilities for the railway lines Misurata-Sebha, Libya*
- *Feasibility study of railway station Sežana reconstruction and build-up*
- *Feasibility study of I phase of reconstruction for railway junction Ljubljana*
- *Feasibility study for reconstruction and buildup of railways capacity ŽG Ljubljana*
- *Strategy of goods and passengers traffic development in BH Railways Sarajevo*
- *Study of construction critical sections of second track Vrpolje – Sarajevo railway*
- *Feasibility study of junctions modernization: Ljubljana, B.Novi, Sarajevo and Zagreb*
- *Study of gradual increase of speed on Jesenice - Ljubljana - Dobova railway line*
- *Investment programs of railway superstructure overhaul*
- *Investment programs for modernization of existing railways*

Studija izvodljivosti izgradnje stajanke na Međunarodnom aerodromu Tuzla
Feasibility Study for construction at Tuzla International Airport

Međunarodni Aerodrom Mostar
Mostar International Airport

Master Plan razvoja Međunarodnog Aerodroma Tuzla do 2020.
Master Plan of Tuzla International Airport development till 2020

Studija podobnosti proširenja Međunarodnog aerodroma Sarajevo
Feasibility Study for enlarging Sarajevo International Airport

- Investicioni programi rekonstrukcije i podizanja kapaciteta željezničkih stanica i čvorova

Sektor civilne avijacije

- Investicioni program za Međunarodni aerodrom Sarajevo;
- Master plan razvoja Međunarodnog aerodroma Tuzla do 2020 godine;
- Studija izvodljivosti izgradnje stajanke na Međunarodnom aerodromu Tuzla;
- Ažurirani master plan razvoja Međunarodnog aerodroma Sarajevo;
- Studija o trenutnom stanju, usklađenosti sa međunarodnom regulativom te eventualnim negativnim utjecajima na sigurnost zračnog prometa USS na Međunarodnom aerodromu Mostar;

Generalne studije/Dokumenti/Ostale usluge

- Studija prognoze saobraćaja;
- Studija izvodljivosti proizvodnje tramvajskih magnetnih karata JKP GRAS Sarajevo;
- Prethodna studija izvodljivosti izgradnje javne garaže kod Narodnog pozorišta u Sarajevu;
- Studija izvodljivosti transporta uglja za RMU Kakanj;
- Studija Master Plana Transporta u BiH (istraživanje domaćinstava, inventarizacija transportne mreže, istraživanje ekonomskih pokazatelja, istraživanje trgovinskih preduzeća, istraživanje prijevozničkih preduzeća);
- Transport Infrastructure Regional Study-Balkans (TIRS);
- Prethodna studija izvodljivosti istražne bušotine "IB-10" za geotermalnu energiju u Ilidži kod Sarajeva;
- Evaluacija EC-finansirane pomoći sektoru transporta u Bosni i Hercegovini;
- Investicione potrebe i institucionalna ocjena sektora cesta i željeznica u Bosni i Hercegovini;
- Studija uticaja na okoliš projekta obilaznice Sarajevo;
- Studija uticaja na okoliš obilaznice Brčko;

- *Investment programs of railway junctions and stations reconstruction and build-up*

Civil aviation sector

- *Investment Program for Sarajevo International Airport*
- *Master Plan Study for Development of Tuzla International Airport up to 2020*
- *Feasibility Study for Apron Construction at Tuzla International Airport*
- *Updated master plan of Sarajevo International Airport*
- *Study of current situation, compliance with international regulations and possible negative impacts on the safety of air traffic USS on International Airport Mostar*

General studies/Documents/Other services

- *Traffic forecast study;*
- *Study for magnetic cards production of for JKP GRAS Sarajevo;*
- *Preliminary study for construction of public garage near National Theatre Sarajevo;*
- *Feasibility study of coal transportation for Coal Mine Kakanj;*
- *Master Transport Plan in BiH (household survey, inventory of the transportation network, the study of economic indicators, the study of trading companies, the study of transport companies);*
- *Transport Infrastructure Regional Study-Balkans (TIRS);*
- *Pre-feasibility Study of Explorative Well "IB-10" for Geothermal Energy in Ilidza at Sarajevo;*
- *Evaluation of EC-financed Support to Transport in Bosnia and Herzegovina*
- *Investment needs and Institutional Assessment of roads and railways sector in Bosnia and Herzegovina*
- *Study of environment impact for Sarajevo bypass;*

Studija nabavke teretnih vagona za ŽFBiH
Study on Freight Vagon Purchase for ŽFBiH

Studija izvodljivosti multimodalnog koridora Sarajevo-Ploče
Feasibility Study at multi-modal corridor Sarajevo-Ploče

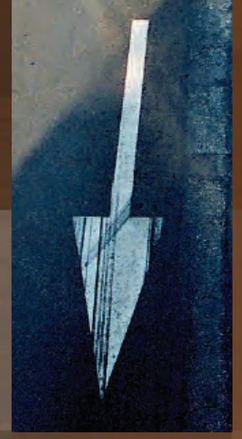
Snimanje saobraćaja na mreži magistralnih cesta u BiH
Traffic Survey on Trunk Road Network in BiH

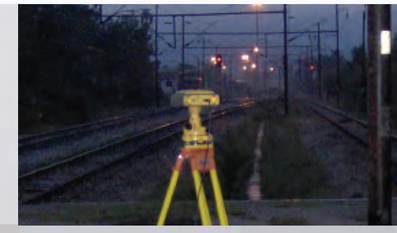
- Transport Project Preparation Facility (TPPF)-Projekti u BiH;
- Poslovni plan za kamenolom Lapišnica kod Sarajeva;
- Komparativna ocjena lokacije i tehničkog rješenja za cestovni granični prijelaz kod Bosanskog Šamca;
- Elaborat sanacije preduzeća "Air Bosna"
- Prepremni dokument za aplikaciju kredita EIB-u/EBRD-u "Oporavak i poboljšanje željezničke pruge na trasi Koridora Vc"
- Transportni indikatori Bosne i Hercegovine;
- JBIC Pilot studija formiranja projekata za razvoj transportne mreže Zapadnog Balkana-projekti u Bosni i Hercegovini;
- Investicioni programi rekonstrukcije i izgradnje luke Brčko;
- Studija javnog gradskog saobraćaja u Distriktu Brčko;
- Plan zaštite okoliša za Granični prelaz Kamensko;
- Izmještanje magistralne ceste M-5 (Obilaznica Bihać) - Analiza uticaja saobraćaja na zagađivanje okoliša od buke;
- Saobraćajna analiza na magistralnom putu M4, dionica Miljanovci - Šahin potok Obilaznica Kalesija;
- Studija uticaja na okolinu za dionicu autoceste Podlugovi – Visoko;
- Okolinski monitoring-buka pri rehabiltaciji dionice magistralne ceste Lašva – Karuše;
- Prostorni plan FBiH-dio za saobraćaj;
- Prostorni plan autoceste na Koridoru Vc;
- Multikriterijalna analiza za autocestu u Koridoru Vc, dionica: Mostar jug – Počitelj;
- Multikriterijalna analiza za autocestu u Koridoru Vc, dionica: Počitelj – Zvirovići;
- Multikriterijalna analiza za autocestu A2 Žepče-Tuzla;

- *Study of environment impact for Brčko bypass;*
- *Transport Project Preparation Facility (TPPF)-Projects in B&H;*
- *Business plan for stone pit Lapišnica near Sarajevo;*
- *Comparative Location Assessment and Technical Solution for Road Border Crossing at Bosanski Šamac/Šamac*
- *Rehabilitation elaborate and Business Plan for company "Air Bosna*
- *Preparatory documents for loan application to EIB/EBRD Rehabilitation and Improvement of the Corridor Vc Railway Line*
- *Transport indicators for Bosnia and Herzegovina:*
- *JBIC Pilot Study for Project Formation for Transport Network Development in Western Balkans – projects in Bosnia and Herzegovina;*
- *Investment programs for reconstruction and build-up of port Brčko*
- *Study of Public Transportation in District of Brcko;*
- *Environmental protection plan for the Kamensko state border crossing;*
- *Relocation of trunk road M-5 (Bihać Bypass) – Analysis of environmental impacts cause by noise pollution;*
- *Traffic analysis for trunk road M4, section Miljanovci - Šahin potok, Kalesija Bypass;*
- *Environmental monitoring – noise caused by rehabilitation works on trunk road section Lašva – Karuše;*
- *Spatial Plan FB&H, part for transport;*
- *Spatial plan of corridor Vc;*
- *Multi-criteria analysis of Corridor Vc Motorway , section Mostar South - Počitelj;*
- *Multi-criteria analysis of Corridor Vc Motorway, section Počitelj – Zvirovići;*
- *Multi-criteria analysis of Corridor Vc Motorway A2 Žepče-Tuzla;*

Elaborat o uticaju na okolis GP Karakaj
Enviornmental Impact Assesemnt Study BC Karakaj

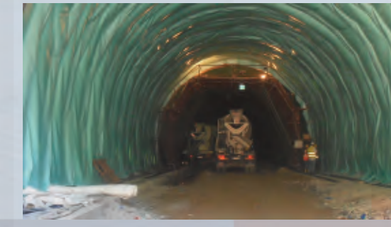
Studija izbora lokacije GP Šamac
Study for selection of location of BC Šamac





IPSA INSTITUT

IPSA TRAN



IPSA TRAN

Direktor
Hasan Mahmutagić
dipl. inž. građ.

Hasan Mahmutagić
Dipl. Ing. C. E.
Head of TRAN Department

Primarni fokus IPSA TRAN su projektovanje transportne infrastrukture, kao i planiranje i sigurnost transporta.

IPSA TRAN je u proteklih 55 godina učestvovao u realizaciji brojnih projekata u oblasti transportne infrastrukture kako u Bosni i Hercegovini, tako i u Hrvatskoj, Sloveniji, Srbiji, Makedoniji, Crnoj Gori, Kosovu, Libiji, Italiji i Njemačkoj.

Naši specijalisti za transportnu infrastrukturu učestvovali su u realizaciji tehničke dokumentacije za:

- više od 5000 km cesta, brzih cesta i autocesta
- više od 3000 km željezničkih pruga za putnički i teretni saobraćaj
- Više od 3000 km cestovnih i željezničkih mostova
- 12 intermodalnih tranportnih centara
- 4 aerodroma i 3 letilišta
- prateće i pomoćne objekte

Projekti transportne infrastrukture obuhvataju sve nivoe i faze projekata. Zato su radni timovi IPSE interdisciplinarni timovi (geodeti, geomehaničari, traseri, statičari, hidrotehničari, specijalisti za saobraćajnu signalizaciju i prostorno planiranje, te prateće i pomoćne objekte).

IPSA TRAN

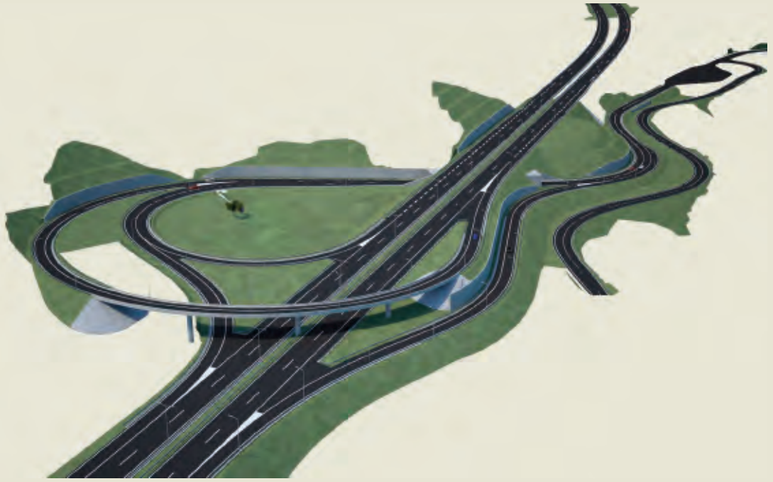
The primary focus of IPSA TRAN is transport infrastructure designing as well as transport planning and safety.

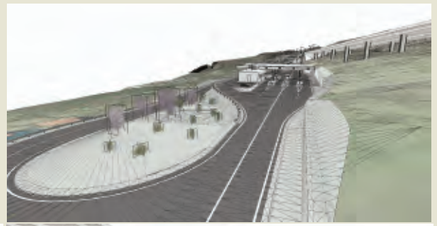
Over the past 55 years, IPSA TRAN has been involved in implementing numerous transport infrastructure projects in Bosnia and Herzegovina as well as in Croatia, Slovenia, Serbia, Macedonia, Montenegro, Kosovo, Libya, Italy and Germany.

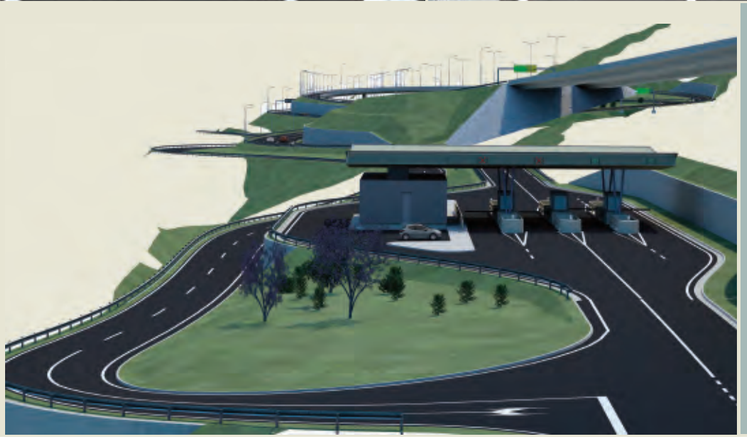
Our transport infrastructure specialists have participated in the implementation of technical documents for:

- *over 5000 km of roads, high-speed roads and motorways;*
- *over 3000 km of railway lines for passenger and freight transport;*
- *over 3000 km of road and railway bridges;*
- *12 intermodal transport centres;*
- *4 airports and 3 landing grounds;*
- *supporting and ancillary facilities.*

Transport infrastructure projects include all project levels and stages. Hence, IPSA Institute's work teams are interdisciplinary (surveyors, geomechanics engineers, civil engineers, structural engineers, hydraulic engineers, specialist in traffic signals and signs, spatial planning and supporting and ancillary facilities).







Petlja Konjic sa cestarinskim prolazom

Interchange and toll station Konjic

Ceste

- Glavni projekat autoceste u Koridoru Vc, dionica Tarčin – Konjic, lot 2, L = 11,10 km
- Glavni projekt brze ceste Lašva - Donji Vakuf, dionica: petlja Lašva – petlja Nević polje l = 23,66 km
- Glavni projekt autoceste u Koridor u Vc LOT 3, dionica Johovac - Doboj Jug L = 16 km
- Glavni projekat autoceste u Koridoru Vc, dionica Svilaj - Vukosavlje L = 17 km
- Glavni projekat autoceste u Koridoru Vc Zenica - Sarajevo - Mostar, dionica Vlakovo - Lepenica L = 9,3 km
- Glavni projekt za obnovu raskršća M4 u Klokotnici i M18 u Živinicama
- Glavni projekt sanacije ceste Kiseljak - Rakovica
- Glavni projekt primarne infrastrukturne mreže cesta s pratećim objektima - Zona B - I faza, Banovići
- Idejno rješenje i studija predizvodivosti Foča – Hum
- Glavni projekt zaštite od buke na autocesti u Koridoru Vc, LOT 1, LOT 3 i dionica Vlakovo – Lepenica
- Glavni projekat rekonstrukcije raskrsnice glavne ceste M5 i regionalne ceste R441 u mjestu Vitez, km 82+100
- Glavni projekat ceste M5 Izačić - Bihać - Orljani za dionicu Izačić - Kamenica - Vrkašić - B.Polje
- Idejno rješenje saobraćajnice Južna longitudinala u Sarajevu
- Idejno rješenje brze ceste Lašva - Donji Vakuf
- Glavni projekat sanacije magistralne ceste M-16 i M-5, dionica: Granica entiteta - Jajce - D.Vakuf
- Glavni projekat sanacije magistralne ceste M-4 Šićki Brod - Simin Han - Granica entiteta
- Glavni projekat rekonstrukcije gradskih saobraćajnica u Sarajevu
- Glavni projekat autoceste Zenica - Sarajevo dionica: Visoko – Podlugovi - Projekat odvijanja saobraćaja u toku građenja
- Glavni projekat autoceste Zenica - Sarajevo dionica: Visoko - Podlugovi - Projekat saobraćajno- tehničke opreme ; Saobraćajna signalizacija; Oprema autoputa
- Glavni projekat saobraćajnica i vanjskog uređenja za granične prelaze: Karakaj, Kamensko, Gorica, Klobuk, Ivanica, Vardište, Jasenovac, Bosanski Šamac
- Glavni projekat dogradnje ceste Tuzla - Šićki Brod: Projekat odvijanja saobraćaja u toku građenja
- Idejni i glavni projekat za izgradnju gradskog autoputa Sarajevo, dionica Ilidža-Blažuj

Roads

- *Main Design of Corridor Vc Motorway, Section Tarčin - Konjic L = 11,10 km*
- *Main Design for Highway Lašva - Donji Vakuf, Section: Interchange Lašva – Interchange Nević polje L = 23,66 km*
- *Main Design of Corridor Vc Motorway LOT 3, Section Johovac - Doboj jug L = 16 km*
- *Main Design of Corridor Vc Motorway, Section Svilaj - Vukosavlje L = 17 km*
- *Main Design of Corridor Vc Motorway Zenica - Sarajevo - Mostar, Section Vlakovo - Lepenica L = 9,3 km*
- *Main Design of Reconstruction of the Road Intersections on M4 road in Klokotnica and in M18 Road in Živinice*
- *Main Design of Rehabilitation of the Kiseljak - Rakovica Road*
- *Main Design of Primary Infrastructure Road Network with Road Structures - Zone b - I phase, Banovići*
- *Main Design for Noise Protection Panels at Corridor Vc Motorway Sections, LOT 1, LOT 3 and Section Vlakovo – Lepenica*
- *Main Design for Rehabilitation of Junction to Main Road M5 and Regional Road R441 in Vitez km 82+10*
- *Main Design for main road M5 Izacic-Bihac-Orljani for section Izacic-Kamenica-Vrkasic- B.Polje*
- *Conceptual Design for traffic line South longitudinal in Sarajevo*
- *Conceptual Design for Fast road Lašva - Donji Vakuf*
- *Main Design for rehabilitation of main road M-16 and M-5, section: Entity Border - Jajce - D.Vakuf*
- *Main Design for rehabilitation of main road M-4 Šićki Brod - Simin Han - Entity Border*
- *Main Design for reconstruction of Sarajevo city road*
- *Main Design for Highway Zenica – Sarajevo, section: Visoko - Podlugovi - Design for temporary organization of traffic during construction*
- *Main Design for Highway Zenica – Sarajevo, section: Visoko - Podlugovi - Design for traffic- technical equipment; Traffic Signalization; Road equipment*
- *Main Design for traffic and external arrangement for Border Crossing Points: Karakaj, Kamensko, Gorica, Klobuk, Ivanica, Vardište, Jasenovac, Bosanski Šamac*
- *Main Design for Tuzla - Šićki Brod road extension: Design for traffic flow during the construction*
- *Preliminary and Main Design for construction of Western Gate Sarajevo, section Ilidža-Blažuj*
- *Main Design for urgent rehabilitation of M-16/2 Highway, section Jablanica-Prozor*

Vijadukt "Bilješevo"
Viaduct "*Bilješevo*"

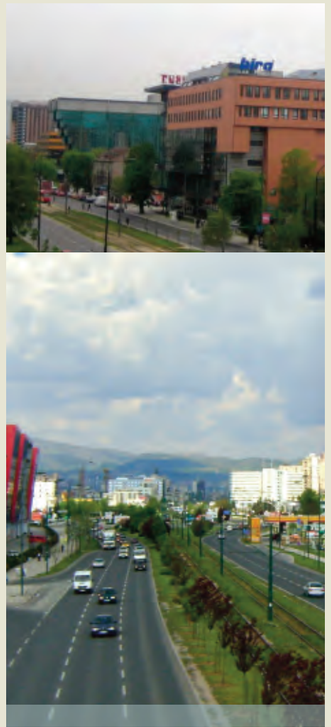
Most "Zli brijeg" preko rijeke Bosne
Bridge "Zli brijeg" over the Bosnia river

Most MO3 preko rijeke Bosne
Bridge MO3 over the Bosnia river

Most MO3 preko rijeke Bosne
Bridge MO3 over the Bosnia river

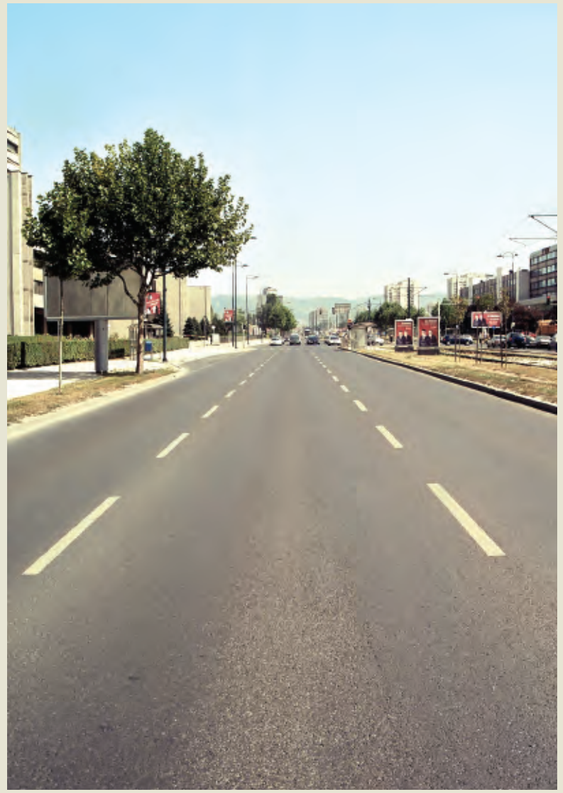
- Glavni projekat hitne sanacije puta M-16/2, dionica Jablanica- Prozor
- Konsultantske usluge za pripremu projektne dokumentacije na rekonstrukciji magistralnog puta Sarajevo- Visoko, dionica Sarajevo-Semizovac, petlja Visoko
- Magistralni put Doboj-Tuzla, dionice Doboj-Gračanica i Šićki Brod-Tuzla
- Regionalni put Olovo-Zavidovići
- Magistralni put Sarajevo - Višegrad, dionica Ustipača- Višegrad
- Glavni projekat za hitnu sanaciju puta M-17, dionica Tarčin-Konjic i Konjic-Jablanica
- Idejni projekat izgradnje autoputa Sarajevo-Zenica, dionica Drivuša-Zenica
- Dopuna i izmjena Glavnog projekta privremenog spoja gradskog autoputa i puta M 17 u Blažuju
- Glavni projekat - Zapadni prilaz - horizontalna i vertikalna signalizacija sa opremom puta
- Glavni projekat - Rekonstrukcije ulice Jezero (ranije Kate Govorušić)
- Glavni projekat - Regionalni centar BIHAMK-a Šip – Sarajevo
- Glavni projekat - manipulativnog platoa Aerodrom Tuzla
- Glavni projekat sanacije dijela puta "Zapadni prilaz gradu"
- Glavni projekat sanacije klizišta na putu M.5.3. Dionica: Donji Vakuf – Jajce
- Glavni projekat hitne sanacije regionalnog puta Nević Polje- Travnik
- Glavni projekat rekonstrukcije ulica u Sarajevu, Tuzli i Zenici
- Glavni projekat -stajanke - platforme aviona Tuzla
- Glavni projekat hitne sanacije regionalnog puta Kreševo- Kiseljak
- Idejni i glavni projekat izgradnje privremene komunikacije gradskog autoputa Sarajevo i M-17 puta kod Blažuja

- *Consulting services for preparation of design documentation on reconstruction of Sarajevo-Visoko Highway, section Sarajevo- Semizovac, interchange Visoko*
- *Highway Doboj-Tuzla, section Doboj-Gračanica and Šićki Brod- Tuzla*
- *Regional road Olovo – Zavidovići*
- *Highway Sarajevo-Višegrad, section Ustipača-Višegrad*
- *Regional road mouth of Lim river- Priboj, section mouth of Lim river- Mrsovo*
- *Highway Sarajevo – Zenica, length 70 km*
- *Main Design for urgent rehabilitation of M-17 Highway Sarajevo-Mostar, sections Tarčin- Konjic and Konjic-Jablanica*
- *Preliminary Design for construction of Sarajevo-Zenica Motorway, section Drivuša-Zenica*
- *Amendment and change of Main Design of temporary connection of City Highway and road M17 in Blažuj*
- *Main Design for Highway "Western Gate ", horizontal and vertical signalization with road equipment*
- *Main Design for reconstruction of Jezero Street (earlier Kate Govorušić)*
- *Main Design for BIHAMK Regional Center Šip Sarajevo*
- *Main Design of airplane apron, Airport Tuzla*
- *Main Design for rehabilitation of the part of the road "Western Gate", from Ilidža road loop to the bridge on the river Željeznica*
- *Main Design for rehabilitation of landslide on the road M.5.3., section Donji Vakuf – Jajce*
- *Main Design of urgent rehabilitation works on the road Nević Polje - Novi Travnik*
- *Main Design for reconstruction of streets in Sarajevo,Zenica,Tuzla*
- *Main Design for airplane apron-platform at Tuzla Airport*



Gradske saobraćajnice Sarajevo - projekat izgradnje i rekonstrukcije
City Roads in Sarajevo - Construction and rehabilitation design

Zapadni ulaz Sarajevo
West Entrance Sarajevo



Rekonstrukcija gradske saobraćajnice Otoka - Ilidža Sarajevo
Reconstruction of city road section Otoka - Ilidža Sarajevo

- Idejni projekat za pristupne ceste u SFOR bazu Butmir, Sarajevo
- Idejno rješenje proširenja putničkog terminala i platoa na Međunarodnom aerodromu Tuzla
- Glavni projekat izgradnje graničnog prijelaza Orašje, faza I
- Glavni projekat prilazne rulnice i stajanke na Međunarodnom aerodromu Tuzla
- Glavni projekat rekonstrukcije ulica Šipska i Nahorevska u Sarajevu
- Glavni projekat za hitnu sanaciju puta M-18, dionica Kladanj- Živinice, puta M-17, dionica Lašva-Zenica, Podlugovi- Breza
- Glavni projekat za izgradnju pristupnih puteva i parkirališta na Međunarodnom aerodromu Sarajevo
- Glavni projekat za sanaciju stajanke na aerodromu Bihać
- Idejni projekti za izgradnju graničnih prijelaza Izačić, Orašje i Velika Kladuša
- Idejno rješenje i glavni projekat obilaznice Kalesija
- Glavni projekat raskršća M4 u mjestu Klokotnica
- Glavni projekat za naplatne stanice Visoko i Podlugovi
- Glavni projekat horizontalne i vertikalne signalizacije gradskih saobraćajnica u Bijelom Polju
- Idejno rješenje - Obilaznica Bihać
- Idejno rješenje i Glavni projekat Obilaznice Bugojno
- Idejni projekat postavljanja saobraćajne signalizacija na cestama u Kantonu Sarajevo
- Regionalni put Ušće Lima-Mrsovo
- Saobraćajnice za kompleks Zetra u Sarajevu
- Saobraćajnice za bob stazu na Trebeviću (Sarajevo)

- *Main Design for urgent rehabilitation of Regional road Kreševo Kiseljak*
- *Main Design for temporary connection of City Higway and road M17 in Blažuj*
- *Preliminary Design for construction of access roads to SFOR base in Butmir, Sarajevo*
- *Conceptual Design for extending of Passenger Terminal and platform in Tuzla International Airport*
- *Main design of construction of border crossing Orašje, phase 1*
- *Main design of approach runway and apron at the international airport in Tuzla•*
- *Main Design for reconstruction of streets "Šipska" and "Nahorevska" in Sarajevo*
- *Main Design for urgent rehabilitation of M-18 Highway, section Kladanj-Živinice and M-17 Highway, section Lašva-Zenica*
- *Main Design for urgent rehabilitation of Regional Road Podlugovi-Breza*
- *Main Design for construction of Access Roads and Parking lots at Sarajevo International Airport*
- *Main Design for rehabilitation of Apron at Bihać Airport*
- *Preliminary Designs for construction of Border Crossing Points: Izačić, Orašje and Velika Kladuša*
- *Conceptual and Main Design for Kalesija bypass*
- *Main Design for road intersection M4 in Klokotnica*
- *Main Design for toll stations Podlugovi and Visoko*
- *Main Design of horizontal and vertical signalization for city roads in Bijelo Polje*
- *Conceptual Design for Bihać Bypass*
- *Conceptual and Main Design for Bugojno Bypass*
- *Regional road Mouth Lima-Mrsovo*
- *Main design for Zetra compound road capacities*

Autoput na Koridoru Vc - Idejni projekat
Preliminary Design for Corridor Vc Motorway

Titova ulica Sarajevo
Titova's Street in Sarajevo

Granični prijelaz Karakaj
Border Crossing Karakaj

Naplatna stanica Jošanica
Toll Station Jošanica

Obnova pruge Konjic - Čapljina
Overhaul of Railway line Konjic – Čapljina

Obnova pruge Bradina - Konjic
Overhaul of Railway line Bradina – Konjic

Obnova pruge Konjic - Čapljina
Overhaul of Railway line Konjic - Čapljina

Pružni prelaz - detalj
Level Crossing – detail

Obnova pruge Jošavka - Banja Luka
Overhaul of Railway line Jošavka - Banja Luka

- Idejni projekti puteva Divania-Amara i Nasria - Aman, oko 300 km, Irak
- Glavni projekat ceste Tazerbo-Tmisah (694 km)

Železnice

- Glavni projekt za sanaciju železničkih stanica u Nikšiću, Slapu, Stubici, Ostrogu i Danilovgradu na pruzi Nikšić – Podgorica
- Glavni projekt remonta pruge M.Kolo - Mojkovac Mojkovac, stanica Mojkovac i Mijatovo Kolo L = 8,16 km, kao i Trebaljevo - Kolašin, i stanica Kolašin, L = 9,5 km
- Glavni projekt remonta pruge Šamac - Doboj, km 21 800 - 84 100, L = 62,3 km
- Glavni projekat glavne opravke gornjeg stroja pruge Beograd - Bar dionica: Bijelo Polje – Trebaljevo
- Glavni projekat glavne opravke gornjeg stroja pruge Beograd - Bar stanice: Bijelo Polje, Kruševo, Mijatovo Kolo, Mojkovac, Trebaljevo
- Studija izvodivosti I Glavni projekat remonta pruge na dionici Podlugovi - Sarajevo
- Glavni projekat VOP Konjic- Čapljina- Državna granica
- Glavni projekat VOP S.Kostajnica – Jošavka
- Glavni projekat VOP Doboj- Bos.Novi (Novi Grad) dionica: Čelinac – Vrbanja
- Glavni projekat VOP Doboj- Bos.Novi (Novi Grad) dionica: Jošavka – Čelinac
- Glavni projekat VOP Doboj- Bos.Novi (Novi Grad) dionica: Vrbanja – početak mosta "Vrbas"
- Glavni projekat VOP Doboj- Bos.Novi (Novi Grad) stanica Čelinac, Jošavka i Vrbanja
- Novelirani glavni projekat VOP Sarajevo - Čapljina dionica: Bradina Grad
- Novelirani glavni projekat VOP Sarajevo - Čapljina dionica:Grad - Ovčari

- *Main design for Bobsleigh on Olympic mountain Trebević, Sarajevo*
- *Preliminary design of the roads Divania-Amara and Nasria Aman (300km), Irak*
- *Preliminary Design for installing of road traffic signalling in Canton Sarajevo*
- *Main Design of Tazerbo-Tmisah (694 km) road*

Railways

- *Main Design for Rehabilitation Railway Stations in Nikšić, Slap, Stubica, Ostrog and Danilovgrad on Nikšić - Podgorica Railway*
- *Main Design for Overhaul Railway Rehabilitation M.Kolo - Mojkovac, Station Mojkovac and Mijatovo Kolo L = 8,16 km, as well as Trebaljevo - Kolašin and Station Kolašin L = 9,5 km*
- *Main Design for Overhaul Railway Rehabilitation Šamac - Doboj, km 21+800 - 84+100, L = 62,3 km*
- *Feasibility Study and Main Design for Overhaul of the Railway Line Section Podlugovi - Sarajevo*
- *Rehabilitation of the railway and substructure for section Samac - Doboj*
- *Main Design for Overhaul railway rehabilitation Konjic – Čapljina – State Border*
- *Main Design for Overhaul railway rehabilitation S.Kostajnica – Jošavka*
- *Main Design of overhaul of Railway Doboj-Bos.Novi (Novi Grad) section:Čelinac - Vrbanja*
- *Main Design of overhaul of Railway Doboj-Bos.Novi (Novi Grad), section:Jošavka - Čelinac*
- *Main Design of overhaul of Railway Doboj-Bos.Novi (Novi Grad) section:Vrbanja-start of Bridge "Vrbas"*
- *Main Design of overhaul of Railway Doboj-Bos.Novi (Novi Grad) station Čelinac, Jošavka, Vrbanja*

- Novelirani glavni projekat VOP Sarajevo - Čapljina dionica:Ovčari- Konjic
- Novelirani glavni projekat VOP Sarajevo - Čapljina stanica Bradina;Grad,Ovčari
- Idejno rješenje rekonstrukcije zeljeznicke pruge Jošavka-Banja Luka - za brzinu V=120km/h
- Glavni projekat za izgradnju tramvajske pruge Nedžarići- Dobrinja u Sarajevu
- Idejni projekat za izgradnju tramvajske pruge Ilidža-Hrasnica u Sarajevu
- Studija izbora trase drugog kolosjeka pruge Vrpolje-Sarajevo, dionica Doboj-Zenica-Podlugovi, u dužini od 130km
- Glavni projekat drugog kolosjeka za prugu Doboj-Jelina, dužine 80km
- Glavni projekat pruge Živinice- Zvornik
- Idejni projekat drugog kolosjeka pruge Strizivojna-Vrpolje- Sarajevo, u dužini od 257 km
- Idejni projekat za prugu velikih brzina do 250km/h Dobova- Jesenice, u dužini od 150 km
- Idejni i glavni projekat željezničke pruge Misurata-Brak-Sebha, dužine 950 km u Libiji
- Idejni i glavni projekat željezničke pruge Omarska-Tomašica
- Idejni projekat za željezničku prugu Semizovac-Vogošća- Sarajevo
- Idejni projekat pruge Omazići Jug-Turija
- Idejni i glavni projekat pruge Jelina-Željezara Zenica
- Idejni i Glavni projekat za nove željezničke čvoove i stanice: Kutinu, Tuzlu, Višću, Šikulje, Dubrave, Prijedor-željezara, Zenica-željezara, Misurati, Tarutu
- Glavni projekti remonta željezničke pruge:
  - Divača-Pula
  - Strizivojna-Vrpolje-Sarajevo
  - Doboj-B.Luka-B.Novi
  - Doboj-Tuzla
  - Brčko-Banovići
  - B.Novi-Bihać-Knin
  - Sunja-B.Novi
- Idejni i glavni projekti za rekonstrukciju stanica na prugama:
  - Divača-Pula
  - Strizivojna-Vrpolje-Sarajevo
  - Doboj-Tuzla
  - Brčko-Banovići
  - B.Novi-Bihać-Knin
  - Sunja-B.Novi
- Idejni i glavni projekti za rekonstrukciju željezničkih čvorova: Sarajevo, Doboj, B.Novi, B.Luka, Kreka, Zenica, Bihać, Sežana, Prijedor, Tuzla
- Idejni i glavni projekat za tramvajsku prugu u Sarajevu, dionica Marijin Dvor-Dolac Malta
- Idejni i glavni projekti za industrijske željeznice i kolosijeke za:
  - željezara i rudnik Zenica
  - Titovi rudnici uglja Kreka
  - industrijska stanica Kutina
  - Ljubače-Dubrave
- Idejni i Glavni projekat industrijskog kolosijeka za potrebe preduzeća Intermerkur Sarajevo
- Idejni i Glavni projekat industrijskog kolosijeka za potrebe preduzeća Sprind Sarajevo
- Idejni projekat industrijske pruge od Stanice Brčko do Luke Brčko
- Idejni projekat za modernizaciju jednokolosječne pruge Podlugovi-Sarajevo za velike brzine
- Novelirani idejni projekat za izgradnju tramvajske pruge Ilidža-Hrasnica u Sarajevu
- Glavni projekat sanacije kolosjeka u stanici Sarajevo Teretna

- *Adapted Main Design for Overhaul of Sarajevo – Čapljina, section: Bradina-Grad*
- *Adapted Main Design for Overhaul of Sarajevo - Čapljina Railway, section:Grad - Ovčari*
- *Adapted Main Design for Overhaul Railway Sarajevo – Čapljina, section:Ovčari – Konjic*
- *Adapted Main Design for Overhaul Railway Sarajevo - Čapljina stations Bradina, Grad, Ovčari*
- *Preliminary Design: Reconstruction of railway Josavka-Banja Luka - for speed V=120km/h*
- *Main Design for construction of tramway line Nedžarići-Dobrinja in Sarajevo*
- *Preliminary Design for construction of Ilidža-Hrasnica tramway line in Sarajevo*
- *Main Design of II track for railway line Doboj-Jelina, length 80 km*
- *Main Design of railway line Živinice-Zvornik*
- *Preliminary Design of II track Strizivojna-Vrpolje-Sarajevo railway line, length 257 km*
- *Preliminary Design of high-speed railway line for 250 kph speed Dobova-Jesenice, length 150 km*
- *Preliminary and Main Design of railway line Misurata-Brak-Sebha, length 950 km in Libya*
- *Preliminary and Main Design of railway line Omarska-Tomašica*
- *Preliminary Design of railway line Semizovac-Vogošća-Sarajevo*
- *Preliminary Design of railway line Omazići Jug-Turija*
- *Preliminary and Main Design of railway line Jelina-ironworks Zenica*
- *Preliminary and Main Designs for new railway junctions and stations: Kutina, Tuzla, Višća, Šikulje, Dubrave, Prijedor-iron factory, Zenica-iron factory, Misurata, Tarut*
- *Main designs for railway line overhaul:*
  - *Divača-Pula*
  - *Strizivojna-Vrpolje-Sarajevo*
  - *Doboj-B.Luka-B.Novi*
  - *Doboj-Tuzla*
  - *Brčko-Banovići*
  - *B.Novi-Bihać-Knin*
  - *Sunja-B.Novi*
- *Preliminary and Main Designs for stations' reconstruction on railways:*
  - *Divača-Pula*
  - *Strizivojna-Vrpolje-Sarajevo*
  - *Doboj-Tuzla*
  - *Brčko-Banovići*
  - *B.Novi-Bihać-Knin*
  - *Sunja-B.Novi*
- *Preliminary and Main Designs for reconstruction of railway junctions: Sarajevo, Doboj, B.Novi, B.Luka, Kreka, Zenica, Bihać, Sežana, Prijedor, Tuzla*
- *Preliminary and Main Design for tramway in Sarajevo, section Marijin Dvor-Dolac Malta*
- *Preliminary and Main Design for industrial railways and tracks:*
  - *ironworks and mine Zenica*
  - *Tito's coal mines Kreka*
  - *industrial station Kutina*
  - *Ljubače-Dubrave*
- *Preliminary and Main Design for industrial railroad for the needs of Intermerkur company in Sarajevo*
- *Preliminary and Main Design for industrial railroad for the needs of Sprind company in Sarajevo*
- *Preliminary Design: Industrial railway from the Brcko Station to the Brcko port*
- *Preliminary Design for Upgrade of single-track railway line Podlugovi- Sarajevo for High Speeds*

Most u Radićevoj ulici u Sarajevu
Bridge at Radić Street in Sarajevo

Vijadukt "Pavlovići"

Viaduct "Pavlovići"

Mostovi i konstrukcije

- Izvedbeni projekat vijadukta " Pavlovići ", autocesta u Koridoru Vc , dionica Zvirovići - Kravice
- Glavni projekti objekata na autocesti u Koridoru Vc , dionica Svilaj – Vukosavlje (LOT 1) - mostovi M1 - M5 , nadvožnjaci NP1 - NP4
- Glavni projekti objekata na autocesti u Koridoru Vc , dionica Johovac - Doboj Jug (LOT 3) - " Podputnjaci Rudanka , mostovi Rudanka , Kraševo , Lukavička rijeka , Bosna , Usora 1,2,3 , vijadukt Putnikovo brdo i natputnjak Prisade "
- Glavni projekti vijadukata " Zukići 1 , Zukići 2, Podhrastovi , Pirići , Vrbljani 1 , 2 Vrbljani , Kanjina 1 , 2 Kanjina , Galjevo 1 , 2 Galjevo i Donje Selo " , na autocesti u Koridoru Vc, dionica Tarčin - Konjic
- Glavni projekat natputnjaka " Vrbljani i Galjevo " na autocesti u Koridoru Vc, dionica Tarčin - Konjic
- Glavni projekat potputnjaka " Cerići ", na autocesti u Koridoru Vc, dionica Tarčin - Konjic
- Glavni projekat konstrukcija za prolaz divljih životinja " ORS 1 , 2 i ORS OPD 3 ", na autocesti u Koridoru Vc, dionica AC - Svilaj - Odžak (Vukosavlje)
- Glavni projekat mosta "Potočani", na autocesti u Koridoru Vc , dionica AC Svilaj - Odžak
- Glavni projekat potputnjaka " PPO " , na autocesti u Koridoru Vc , dionica AC Svilaj - Odžak
- Glavni projekti mostova " Nević Polje 1 , Nević polje 2 , Mali Mošunj 1 , Mali Mošunj 2, Pečuhe , Bila , Stara Bila 1 , Stara Bila 2, Stara Bila 3, Nova Bila, Lašva i Tolovski potok", na brzoj cesti Lašva - Nević polje , dionica 3 : petlja "Vitez " - petlja "Nević polje"
- Glavni projekat natputnjaka "Vitez" i potputnjak "Nova Bila" na brzoj cesti Lašva - Nević polje, dionica 3 : petlja "Vitez " - petlja "Nević Polje "

- *Updated Preliminary Design for construction of Ilidža-Hrasnica tramway line in Sarajevo*
- *Main Design for track rehabilitation in Freight Station Sarajevo*

Bridges and structures

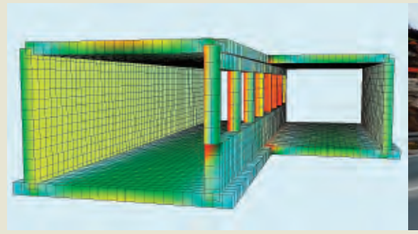
- *Detailed Design of Viaduct „Pavlovići" ,Corridor Vc Motorrway, Section Zvirovići – Kravice*
- *Main Design for Structures along the Corridor Vc Motorway, Section Svilaj – Vukosavlje (LOT 1) - Bridges M1 - M5; Overpasses NP1 - NP4*
- *Main Design for Structures along the Corridor Vc Motorway, Section Johovac - Doboj jug(LOT 3) - "Underpass Rudanka, Bridges Rudanka, Kraševo, Lukavička rijeka, Bosna, Usora 1,2,3, Viaduct Putnikovo brdo, and Overpass Prisade"*
- *Main Design of Viaducts "Zukići 1, Zukići 2. Podhrastovi, Pirići, Vrbljani 1, Vrbljani 2, Kanjina 1, Kanjina 2, Galjevo 1, Galjevo 2 and Donje selo" at Corridor Vc - Motorway, section Tarčin - Konjic*
- *Main Design of Overpasses "Vrbljani and Galjevo" at Corridor Vc Motorway, Section Tarčin - Konjic*
- *Main Design of Underpass "Cerići" at Corridor Vc Motorway, Section Tarčin - Konjic*
- *Main Design of Structures for Wild Animal Passage "OPD 1, OPD 2 and OPD 3" at Corridor Vc Motorway, Section AC - Svilaj - Odžak (Vukosavlje)*
- *Main Design of Bridge "Potočani" at Corridor Vc Motorway, Section AC Svilaj - Odžak*
- *Main Design of Underpass "PPO" at Corridor Vc Motorway, Section AC Svilaj - Odžak*
- *Main Design of Bridges "Nević polje 1, Nević polje 2, Mali Mošunj 1, Mali Mošunj 2, Pečuhe, Bila, Stara Bila 1, Stara Bila 2, Stara Bila 3, Nova Bila, Lašva and Tolovski*

- Glavni projekt natputnjaka " Kamenica " i mosta Mrežnica na premještenoj glavnoj cesti M5
- Revizija glavnog projekta tunela Karaula na cesti M18 , dionica Kladanj - Podpaklenik
- Glavni projekti mostova preko rijeke Bosne , M1 i Drivuša na autocesti u Koridoru Vc , dionica Drivuša - Bilješevo
- Glavni projekat potputnjaka " Drivuša " , Vijadukt " Bilješevo ", potputnjak Lučani 1 , 2 i Lučani Lučani 3 " na autocesti u Koridoru Vc , dionica Drivuša - Bilješevo
- Glavni projekat podzida na regionalnom putu R445, dionica Drivuša - Bilješevo
- Glavni projekat mosta broj 8 i mosta "Mrežnica", na petlji "Kamenica " na novoprojektovanoj trasi obilaznice Bihać
- Glavni projekat pješačkog mosta preko rijeke Miljacke, između Ulice Obala Kulina bana i Obala Maka Dizdara
- Glavni projekat za sanaciju mosta preko rijeke Lepenice u Kiseljaku
- Glavni projekat sanacije mosta u Kiseljaku, na glavnoj cesti M5
- Glavni projekat mosta preko rijeke Bosne na pristupnoj cesti petlje u Drivuši na AC Zenica - Sarajevo, dionica Drivuša – Bilješevo
- Glavni projekat pješačkog mosta Obala Kulina - bana - Obala Maka Dizdara
- Glavni projekat novog mosta M-4 na AC Zenica- Sarajevo, dionica Bilješevo-Kakanj
- Projekat rekonstrukcije Objekta terminalne kontrole letenja Podgorica
- Glavni projekat mosta preko Crne rijeke u mjestu Delijaši na putu Ustikolina – Garež
- Glavni projekat mosta preko rijeke Fojnice u Visokom
- Glavni projekat rekonstrukcije mosta preko željezničkih kolosijeka u Šićkom Brodu
- Glavni projekat revitalizacije mosta Blaža Jovanovića preko rijeke Morače u Podgorici
- Glavni projekti rekonstrukcije željezničkih stanica u Nikšiću, Slapu, Stubici, Ostrogu i Danilovgradu na pruzi Nikšić – Podgorica
- Glavni projekat mosta preko Bosne u Malešićima na regionalnom putu
- Idejni i glavni projekat za poslovne objekte Pošte i Telecom-a u Mostaru
- Glavni projekat novih mostova na II fazi autoputa Zenica - Sarajevo, dionica Podlugovi - Visoko, Koridor Vc i rekonstrukcije postojećih mostova I faze autoputa
- Glavni projekat novih mostova na putnom pravcu Tuzla - Šićki Brod, II faza i rekonstrukcija postojećih mostova
- Idejni i Glavni projekat mosta BOSMAL preko rijeke Miljacke Otoka
- Glavni projekat obnove mosta preko rijeke Ljubine na cesti M18.0-2 Šićki brod – Sarajevo

potok", on High Speed Motorway Lašva - Nević polje, Section 3: Interchange "Vitez" - Interchange "Nević polje"

- *Main Design of the Overpass "Vitez" and Underpass "Nova Bila" on the High Speed*
- *Motorway Lašva - Nević polje, Section 3: Interchange "Vitez" - Interchange "Nević polje"*
- *Main Design for Overpass "Kamenica" and Bridge "Mrežnica" on Displaced Main Road M5*
- *Review of Main Design of Tunnel "Karaula" on M18 Road, Section Kladanj - Podpaklenik*
- *Main Design for the Bridges " River Bosna, M1 and Drivuša" on Corridor Vc Motorway, Section Drivuša - Bilješevo*
- *Main Design for Underpass "Drivuša", Viaduct "Bilješevo", Underpasses "Lučani 1, Lučani 2 and Lučani 3" on Corridor Vc Motorway, Section Drivuša - Bilješevo*
- *Main Design for Retaining Walls on Regional Road R445, Section Drivuša - Bilješevo*
- *Main Design for Bridge No 8 and Bridge "Mrežnica", at Interchange "Kamenica" on Newly Designed Route of Bypass Bihać*
- *Main Design for Pedestrian Bridge over Miljacka River, between Streets Obala Kulina bana and Obala Maka Dizdara*
- *Main Design for Rehabilitation of Bridge over Lepenica River in Kiseljak*
- *Main Design for Rehabilitation of Bridge in Kiseljak on the Main Road M5*
- *Main Design for the bridge over Bosna river on access road of Drivuša interchange on Motorway section Zenica - Sarajevo, section Drivuša - Bilješevo*
- *Main Design for Pedestrian bridge over Miljacka river, between streets Obala Kulina-bana and Obala Maka Dizdara*
- *Main Design for new bridge M-4 on Zenica-Sarajevo Motorway section Biljesevo-Kakanj*
- *Main Design for rehabilitation of Flying control object on Podgorica Airport*
- *Main Design for the bridge over Crna rijeka River in Delijasi settlement, on the Ustikolina-Garež corridor*
- *Main Design for the bridge over Fojnica River in Visoko*
- *Main Design for rehabilitation of bridge over railway tracks in Sicki Brod at km 1+004 on M 18.0-2*
- *Main Design for revitalization of Bridge of Blaz Jovanovic over Moraca river in Podgorica*
- *Main Design for rehabilitation of railway stations in Niksic, Slap, Stubica, Ostrog and Danilovgrad on Niksic-Podgorica railway*
- *Main Design for the bridge over Bosna River in Malešići on regional road*
- *Preliminary and main design for Telecom and Post Office objects in Mostar*
- *Main Design of new bridges on second phase of Highway Zenica - Sarajevo, Part*

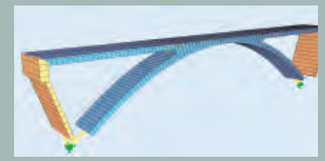
Akvadukt preko kanala Portillo u Chile-u
Crossing over Portillo canal in Chille



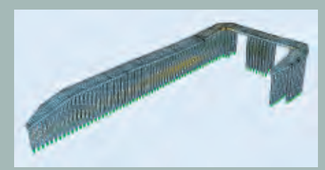
Potputnjak "Lučani"
Underpass "Lučani"

Tunel "Gaj"
Tunnel "Gaj"

Most Bila
Bridge Bila



Natputnjak Galjevo
Overpass Galjevo



Potporna konstrukcija Tulica
Supporting structure Tulica

Vijadukt Podhrastovi
Viaduct Podhrastovi

Vijadukt Putnikovo Brdo
Viaduct Putnikovo Brdo

Gradski most Bosmal u Sarajevu
Bosmal Bridge in Sarajevo

Ajfelov most Sarajevo
Eiffel's Bridge in Sarajevo

Cestovni most u Maglaju
Road *bridge in Maglaj*

- Idejni i glavni projekat za granične prijelaze: Karakaj, Kamensko, Gorica, Klobuk, Vardište, Jasenovac, Ivanica, Bosanski Šamac
- Glavni projekat mosta preko Miljacke u Sarajevu, na I transverzali
- Idejni i glavni objekat za zgradu Drzavne granicne sluzbe u Sarajevu
- Glavni projekat mosta MO-1 na regionalnoj cesti R 445
- Glavni projekat mosta MO-2 na regionalnoj cesti R 445
- Glavni projekat mosta MO-3 na regionalnoj cesti R 445
- Glavni projekat mosta Mošćanica na AC Zenica- Sarajevo, dionica Drivuša – Bilješevo
- Glavni projekat potputnjaka Drivuša
- Glavni projekat potputnjaka Lucani
- Glavni projekat rekonstrukcije mosta M-4 na AC Zenica-Sarajevo, dionica Bilješevo - Kakanj
- Glavni projekat rekonstrukcije mosta preko rijeke Lepenice u Kiseljaku
- Glavni projekat visokih potpornih zidova u Lučanima na autocesti i regionalnoj cesti R 445
- Elaborat istraživanja uzroka i plan intervencije na pješačkom mostu ARS-AEVI u Sarajevu
- Glavni projekat mosta preko rijeke Koline u mjestu Jabuka na putu Ustikolina – Garež
- Glavni projekat rekonstrukcije mosta preko Brloškog potoka kod Kladnja na magistralnoj cesti
- Glavni projekat zatvorenog prihvatnog centra za iregularne migrante u BiH
- Glavni projekti u sklopu industrijskog postrojenja Natron- Hayat iz Maglaja
- Idejni projekat Čeonog cestovnog naplatnog mjesta Jošanica
- Izvedbeni projekat objekta dvorana Krsmanovića zadužbina u Brčkom

- *Podlugovi - Visoko, Corridor Vc and reconstruction of existing bridges*
- *Main Design of new bridges on the road direction Tuzla - Šićki Brod, second phase and reconstruction of existing ones*
- *Preliminary and Main Design of BOSMAL bridge over the Miljacka river – Otoka*
- *Main Design for reconstruction of bridge over Ljubina River on road M18.0-2 Šićki brod – Sarajevo*
- *Preliminary and Main Design for Border Crossing points: Karakaj, Kamensko, Gorica, Klobuk, Vardište, Jasenovac, Ivanica, Bosanski Šamac*
- *Main Design for the bridge over Miljacka River in Sarajevo I transversal traffic line*
- *Preliminary and Main Design for the building of State Border Service Offices in Sarajevo*
- *Main Design for MO-1 bridge on Regional road R-445*
- *Main Design for MO-2 bridge on Regional road R-445*
- *Main Design for MO-3 bridge on Regional road R-445*
- *Main Design for Moscanica bridge on Motorway Zenica - Sarajevo, section Drivusa- Biljesevo*
- *Main Design for underpass Drivuša*
- *Main Design for underpass Lucani*
- *Main Design for rehabilitation of bridge over Lepenica river in Kiseljak*
- *Main Design for high retaining walls in Lucani on Motorway and Regional road R445*
- *Research report on causes and intervention plan on pedestrian bridge ARS-AEVI in Sarajevo*
- *Main Design for the bridge over Kolina River in Jabuka settlement on Ustikolina-Garež corridor*

Željeznički most "Brčko" preko rijeke Save
Railway bridge "Brčko" over the Sava river

Most Šamac preko Rijeke Save
Bridge Šamac over the Sava River

Most na Autoputu Jošanica - Visoko
Motorway bridge on section Jošanica – Podlugovi

Podvožnjak na Zapadnom prilazu Sarajevo
Undrpass at Sarajevo West Entrance

Željeznički most Most Neretva
Railway Bridge Neretva

- Projekat rekonstrukcije i nadogradnje Centra kontrole zračnog prometa Sarajevo
- Projekat rekonstrukcije stare pristanišne zgrade aerodroma u Podgorici
- Izrada tenderske dokumentacije i nadzor na dogradnji i rekonstrukciji Želj. stanice Doboj
- Glavni projekat obnove mosta preko potoka Masanica na cesti M14.0-1 Bihać - Bos. Krupa
- Glavni projekat obnove mosta preko akumulacije rijeke Vrbas na cesti M16.0-2 Banja Luka – Jajce
- Glavni projekat rekonstrukcije mosta preko Crne rijeke na putu Prozor-Jablanica
- Izrada tenderske dokumentacije i nadzor na dogradnji i rekonstrukciji Želj. Stanice Čapljina
- Izvedbeni projekat rekonstrukcije cestovnog mosta preko rijeke Une kod Jasenovca
- Glavni projekat rekonstrukcije međudržavnog mosta Volinja na pruzi Šunja-Bosanski Novi
- Glavni projekat rekonstrukcije cestovnog mosta preko rijeke Trebišnjice kod Ravnog
- Idejni i glavni projekat rekonstrukcije cestovnih mostova preko rijeke Une kod Jasenovca
- Glavni i izvedbeni projekat rekonstrukcije cestovno- željezničkog mosta preko rijeke Save u Šamcu
- Idejni i glavni projekat izgradnje mosta preko rijeke Miljacke Sarajevo kod naselja Otoka (Meander)
- Izvedbeni projekat rekonstrukcije cestovnog mosta preko rijeke Save kod Brčkog
- Glavni projekat rekonstrukcije cestovnog mosta kod Olova na putu Sarajevo-Tuzla
- Glavni projekat sanacije cestovnog mosta preko rijeke Neretve u Konjicu
- Glavni projekat sanacije željezničkog mosta na pruzi Priština – Mitrovica
- Idejni i glavni projekat rekonstrukcije čeličnog cestovno- željezničkog mosta preko rijeke Save u Brodu
- Idejni i izvedbeni projekat rekonstrukcije gradskog mosta "Ćumurija" preko rijeke Miljacke u Sarajevu
- Glavni projekat rekonstrukcije cestovnog mosta "Komar" na putu Travnik - Donji Vakuf
- Glavni projekat rekonstrukcije gradskog mosta preko rijeke Bosne u Maglaju
- Glavni projekat rekonstrukcije željezničkog mosta "Srebrenik" na pruzi Tuzla – Brčko
- Idejni i glavni projekat izgradnje podvožnjaka "Otes" na ukrštanju gradske prilaznice i željezničke pruge Sarajevo - Ploče
- Idejni projekat sanacije cestovnog mosta "Aleksin Han" na putu Sarajevo - Mostar

- *Main Design for rehabilitation of bridge over Brloski potok near Kladanj on main road M 18.0-2*
- *Main Design for closed reception facility for irregular migrants in BH*
- *Main Designs for industrial plant Natron-Hayat Maglaj*
- *Preliminary Design for Toll Station Jošanica*
- *Detailed design for of Krsmanovića foundation in Brčko*
- *Main Design for reconstruction and additional building for Air traffic control centre in Sarajevo*
- *Main Design for rehabilitation of old airport building in Podgorica*
- *Preparation of tender documentation and supervision for building and reconstruction of Railway Station in Doboj*
- *Main Design for rehabilitation of bridge over stream Masanica on road M14.0-1 Bihać - Bos. Krupa*
- *Main Design for rehabilitation of bridge over accumulation of River Vrbas on road M16.0-2 Banja Luka – Jajce*
- *Main Design for reconstruction of bridge over the Crna Rijeka River on the road for Prozor-Jablanica*
- *Preparation of tender documentation and supervision for building and reconstruction of Railway Station Čapljina*
- *Main Design for reconstruction of road bridge over the Una river nearby Jasenovac*
- *Main Design for reconstruction of interstate bridge Volinja at the railway Šunja - Bosanski Novi*
- *Main Design for reconstruction of road bridge over Trebišnjica river at Ravno*
- *Preliminary and main design of reconstruction of road bridges over Una river near Jasenovac*
- *Main and Detailed Design for reconstruction of road/railway bridge over Sava river near Šamac*
- *Preliminary and Main Design for construction of bridge over Miljacka river in Sarajevo at Otoka settlement (Meander)*
- *Detailed Design for reconstruction of road bridge over the river Sava nearby Brčko*
- *Main design for reconstruction of road bridge on Sarajevo-Tuzla highway at Olovo*
- *Main Design for rehabilitation of road bridge over Neretva river on Sarajevo-Mostar highway at Konjic*
- *Main Design for rehabilitation of railway bridge on line Priština-K. Mitrovica*
- *Preliminary and Main Design for reconstruction of steel road/railway bridge over Sava river near B. Brod*
- *Preliminary and Detailed Design for reconstruction of city bridge "Ćumurija" over Miljacka river in Sarajevo*
- *Main Design for reconstruction of road bridge "Komar" on Travnik- Donji Vakuf highway section*
- *Main Design for reconstruction of railway bridge over Bosnia river near Maglaj*

- Projekat sanacije visećeg mosta preko Jablaničkog jezera kod Ostrožca
- Tender projekat cestovno- željezničkog mosta preko rijeke Save kod Šamca
- Glavni projekat rekonstrukcije cestovnog mosta preko rijeke Spreče na putu Doboj - Tuzla
- Glavni projekat rekonstrukcije gradskog cestovnog mosta preko rijeke Une u Bosanskoj Krupi
- Glavni projekat rekonstrukcije željezničkog mosta "Kalanac" na pruzi Tuzla - Brčko
- Glavni projekat rekonstrukcije željezničkog mosta "Lipovac" na pruzi Tuzla - Brčko
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Bosne kod Maglaja
- Idejni i glavni projekat izgradnje cestovnog mosta na gradskog prilaznici preko rijeke Željeznice kod Sarajeva
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Spreče na pruzi Doboj Tuzla
- Glavni projekat rekonstrukcije željezničkog nadvožnjaka u Sarajevu na pruzi Sarajevo - Ploče
- Idejni i glavni projekat rekonstrukcije željezničkog mosta "Loskun" preko rijeke Une na pruzi Bos. Novi - Knin
- Idejni i glavni projekat rekonstrukcije željezničkog mosta preko rijeke Une kod Martin Broda na pruzi Bos. Novi - Knin
- Idejni i glavni projekat rekonstrukcije željezničkog vijadukta kod Martin Broda na pruzi Bos. Novi - Knin
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Bosne kod Visokog na pruzi Šamac Sarajevo
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Bosne kod Vogošće na pruzi Šamac - Sarajevo
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Dobrinje kod Ilidže na pruzi Sarajevo - Ploče
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Miljacke u Sarajevu na pruzi Sarajevo - Ploče
- Glavni projekat rekonstrukcije željezničkog mosta preko rijeke Save kod Brčkog
- Idejni projekti za 83 objekta na pruzi velikih brzina Ljubljana- Dobova
- Glavni projekti za 23 objekta na pruzi Živinice-Zvornik
- Glavni projekti za 34 objekta na drugom kolosjeku pruge Doboj- Zenica
- Glavni projekat za 34 objekta na pruzi Misurata - Sebha u Libiji dužine oko 900km
- Glavni projekti 17 objekata (mostova) na cesti Ustiprača- Višegrad kod izgradnje HE Višegrad
- Idejni projekti 16 objekata (mostova) na cesti Ušće Lima- Mrsovo kod izgradnje HE Višegrad

- *Main Design for reconstruction of railway bridge "Srebrenik" on line Tuzla-Brčko*
- *Preliminary and Main Design for construction of railway overpass "Otes" at intersection of Sarajevo City Motorway and Sarajevo-Ploče railway line*
- *Preliminary Design for rehabilitation of road bridge over Neretva river at "Aleksin Han" on Sarajevo-Mostar highway*
- *Main Design for rehabilitation of suspended bridge over Jablanica lake at Ostrožac*
- *Tender documents preparation for reconstruction of road/railway bridge over Sava river near Šamac*
- *Preliminary and Main Design for construction of road bridge over Željeznica river on Sarajevo City*
- *Motorway*
- *Main Design for reconstruction of railway bridge "Kalanac" on line Tuzla - Brčko*
- *Main Design for reconstruction of railway bridge "Lipovac" on line Tuzla - Brčko*
- *Main Design for reconstruction of railway bridge over Spreča river on line Doboj - Tuzla*
- *Main Design for reconstruction of railway overpass in Sarajevo on line Sarajevo - Ploče*
- *Main Design for reconstruction of road bridge over Spreča river on Doboj - Tuzla Highway*
- *Main Design for reconstruction of road bridge over Una river in Bosanska Krupa town*
- *Preliminary and Main Design for reconstruction of railway bridge "Loskun" over Una river on line B. Novi - Knin*
- *Preliminary and Main Design for reconstruction of railway bridge at Martin Brod over Una river on line B. Novi - Knin*
- *Preliminary and Main Design for reconstruction of railway viaduct at Martin Brod on line B. Novi - Knin*
- *Main Design for reconstruction of railway bridge over Bosnia river nearby Visoko on line Šamac - Sarajevo*
- *Main Design for reconstruction of railway bridge over Bosnia river nearby Vogošća on line Šamac - Sarajevo*
- *Main Design for reconstruction of railway bridge over Dobrinja river nearby Ilidža on line Sarajevo - Ploče*
- *Main Design for reconstruction of railway bridge over Miljacka river in Sarajevo on line Sarajevo - Ploče*
- *Preliminary designs for 83 structures on high-speed railway line Ljubljana - Dobova*
- *Main designs for 23 structures on railway line Živinice - Zvornik*
- *Main designs for 34 structures on second track of railway double-track line Doboj - Zenica*
- *Main design for 34 structures on railway line Misurata - Sebha in Libya with length around 900km*
- *Main designs of 17 structures (bridges) on road Ustiprača - Višegrad due to construction of the Hydro-power plant Višegrad*

Most Jasenovac preko Rijeke Une
Bridge Jasenovac over the Una River

Objekat Granične policije u Sarajevu
State Border Police Building in Sarajevo

Objekat Pošte i Telekoma u Mostaru
BH Post and BH Telecom Building in Mostar

Viseći most u Ostrošču
Suspension Bridge in Ostrožac

Železnička stanica u Doboju
Railway Station in Doboj

Statički proračuni za zgradu O.Š. Velešićki heroji
Structural analysis for construction of Elementary School Velešićki heroji Sarajevo

- Glavni projekti za 5 mostova na ulazu u Misuratu na pruzi Misurata- Sebha u Libiji
- Glavni projekat antenskog tornja visine 100m Tušnica
- Glavni projekat sportske dvorane u Visokom, Glavni projekti za nekoliko hala u pogonu KTK i Vitex Visoko
- Glavni projekti za izgradnju dijela kontaktne mreže na prugama:
  - Doboj - Zenica - B.Luka - B.Novi - Sunja
  - B.Novi - Bihać - Knin
  - Lešak - Kosovo Polje - G. Janković
  - Kosovo Polje - Peć – Prizren
- Idejni i glavni projekti za 25 tunela na cesti Ustiprača-Višegrad
- Idejni i glavni projekti za 14 tunela na regionalnom putu Ušće Lima- Mrsovo
- Idejni i glavni projekat tunela na industrijskom kolosjeku Stavnja- Vareš
- Idejni i glavni projekti za 5 tunela na pruzi Živinice-Zvornik (Križevići od 4.911m)
- Glavni projekti za 47 tunela kod rekonstrukcije pruge B. Novi-Knin zbog elektrifikacije
- Glavni projekti za sananciju tunela na pruzi:
  - B.Novi - Knin
  - Sarajevo - Ploče
  - Vrpolje - Sarajevo
  - Tuzla - Doboj
- Glavni projekti za uređenje klizišta na pruzi:
  - Sarajevo - Ploče
  - Doboj - B.Novi
  - Vrpolje - Sarajevo
  - B.Novi - Knin
  - cesta Ušće Lima - Mrsovo
- Projekat zaštite od snježnih nanosa na pruzi B.Novi - Knin

Geodezija

- Ažuriranje geodetskih podloga sa vektorizacijom i izradom baze podataka za potrebe izrade Regulacionog plana „Jarčedoli“
- Regulacija r. Misoče, potez: Naselje Mlini – Kamenica
- Naplatne stanice Visoko i Podlugovi
- Rekonstrukcija i nadogradnja objekta kontrole letenja na Aerodromu Podgorica
- Rekonstrukcija pruge i donjeg stroja pruge Šamac - Doboj
- Rekonstrukcija željezničkih stanica i stajališta na pruzi Nikšić - Podgorica
- Čeono naplatno mjesto Jošanica
- Raskršće M4 u mjestu Klokotnica
- Rekonstrukcija spoja M5 i R441 u mjestu Vitez km 82+100
- Velika opravka pruge Konjic - Državna granica

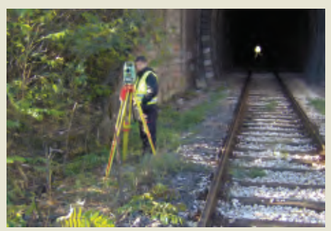
- *Preliminary designs of 16 structures (bridges) on road Mouth Lim - Mrsovo due to construction of the Hydro-power plant Višegrad*
- *Main designs for 5 bridges on entrance to Misurata on railway line Misurata - Sebha in Libya*
- *Main design for 100m-high antenna tower Tušnica*
- *Main design for sport hall in Visoko*
- *Main designs for several halls in sections of KTK and Vitex - Visoko*
- *Main designs for construction part of overhead contact lines on railway lines:*
  - *Doboj - Zenica - B.Luka - B.Novi - Sunja*
  - *B.Novi - Bihać - Knin*
  - *Lešak - Kosovo Polje - G. Janković*
  - *Kosovo Polje - Peć - Prizren*
- *Preliminary and Main designs for 25 tunnels on road Ustiprača-Višegrad*
- *Preliminary and Main designs for 14 tunnels on regional road Ušće Lima- Mrsovo*
- *Preliminary and Main designs for 5 tunnels on railway line Živinice- Zvornik (Križevići from 4.911m)*
- *Preliminary and Main design for tunnel on industrial track Stavnja- Vareš*
- *Main Designs for 47 tunnels for reconstruction of railway line B. Novi-Knin*
- *Main Designs for rehabilitation of tunnels along following railway lines:*
  - *B.Novi - Knin*
  - *Sarajevo - Ploče*
  - *Vrpolje - Sarajevo*
  - *Tuzla - Doboj*
- *Main Designs for rehabilitation of landslides on railway lines:*
  - *Sarajevo - Ploče*
  - *Doboj - B.Novi*
  - *Vrpolje - Sarajevo*
  - *B.Novi - Knin*
  - *Ušće Lima - Mrsovo*
- *Main Design for protection from snow on railway line B.Novi - Knin*

Geodesy

- *Update surveying with vectorization and creating a database for the purpose of the Regulatory plan "Jarčedoli"*
- *Regulation of River Misoca, in section Mlini - Kamenica*
- *Toll Booths Visoko and Podlugovi*
- *Reconstruction and additional building for flying control object at Podgorica Airport*
- *Reconstruction of rail track and substructure of railway Šamac - Doboj*
- *Rehabilitation of railway stations on railway section Nikšić - Podgorica*
- *Regulation of part of riverbed of River Misoča in the area of Ilijaš Municipality*
- *Closed reception facility for irregular migrants in B&H*
- *Interchange M4 in Klokotnica settlement*
- *Main road M5 Izačić - Bihać - Orljani for section 1 Izačić - Kamenica - Vrkašić - B.Polje*

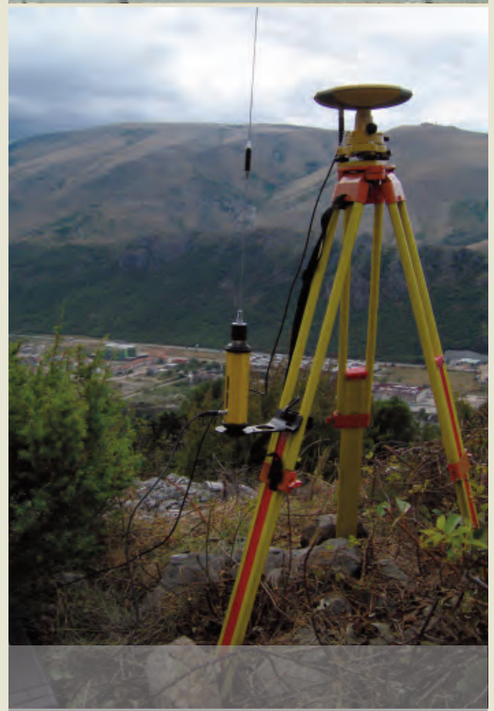
Geodetsko snimanje uz pomoć GPS-a
Geodetic surveying with GPS

Gradske saobraćajnice Sarajevo 1 - projekat izgradnje i rekonstrukcije /
City Roads in Sarajevo - Construction and rehabilitation design



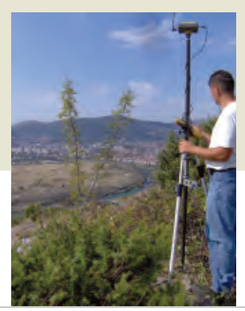
Geodetsko snimanje ispred tunela za projekat remonta pruge Konjic - Čapljina
Geodetic surveying in front of tunnel for overhaul of railway line Konjic - Čapljina

Geodetsko snimanje na Autoputu
Geodetic surveying on motorway



Geodetsko snimanje uz pomoc GPS-a za projekat remonta pruge Konjic - Čapljina
Geodetic surveying with GPS for overhaul of railway line Konjic - Čapljina

Gradske saobraćajnice Sarajevo 1 - projekat izgradnje i rekonstrukcije / *City Roads in Sarajevo - Construction and rehabilitation design*



- Vodovodni sistem Medakovo - Trepče, Općina Tešanj
- Regulacija dijela korita r. Misoče na području Općine Ilijaš
- Prihvatni centar za iregularne migrante u BiH
- Rekonstrukcija i nadogradnja Centra kontrole zračnog prometa Sarajevo
- Rekonstrukcija i dogradnja stare pristanišne zgrade na Aerodromu Podgorica
- Cesta M5 Izačić - Bihać - Orljani za dionicu 1 Izačić - Kamenica - Vrkašić - B.Polje
- Vanjski vodovodi i unutrašnja hidrantska mreža u Fabrici duhana Sarajevo
- Granični prijelaz Vardište
- Obilaznica Kalesija
- Južna longitudinala u Sarajevu
- Ispitivanje željezničkih mostova na obnovljenoj pruzi Vardište - Višegrad
- Rulnica na manevarskim površinama
- Raskrsnica Kupres, raskrsnica Jelah
- Rekonstrukcija uzane pruge Dobrun - Višegrad
- Brza cesta Lašva - D.Vakuf, dionica: obilaznica Vitez
- Kanalizaciona mreža naselja Aerodrom - Mahala u Sarajevu
- Regulacija r.Ljubine na cesti M-18, Šićki Brod - Sarajevo u km 96+521
- Rekonstrukcija priključka lokalne ceste na magistralnu cestu M-5 u mjestu Dolac na Lašvi
- Rekonstrukcija priključka PC 96 na magistralnu cestu M-5 u mjestu Vitez
- Regulacija rijeka Misoče u Donjoj Misoči i Ljubine u Srednjem
- Granični prijelazi Ivanica, Jasenovac, Šamac
- Industrijskog kolosijeka za potrebe preduzeća Intermerkur i Sprind Sarajevo
- Poslovni objekat Pošte i Telekoma u Mostaru

- *Overhaul of railway section Konjic - State Border*
- *Reconstruction and additional building for flying control centre at Airport Sarajevo*
- *Reconstruction of junction of main road M5 and regional road R441 in Vitez, km 82+100*
- *Toll Station Jošanica*
- *Water supply system Medakovo - Trepče, Tešanj Municipality*
- *Rehabilitation and additional building for Airport building in Podgorica*
- *South Longitudinal in Sarajevo*
- *Taxi runaway at Airport Sarajevo*
- *Interchanges Jelah and Kupres*
- *Border crossings: Vardište, Ivanica, Jasenovac and Šamac*
- *External water supply system and internal hydrant network in Tobbaco fabric in Sarajevo*
- *Kalesija bypass*
- *Reconstruction of narrow rail track Dobrun – Višegrad*
- *Testing of railway bridges on rehabilitated railway Vardište - Višegrad*
- *126th Ilijaške brigade Street in Ilijaš*
- *Bugojno bypass*
- *The part of The first transversal from Technical School - Zagrebacka Street in Sarajevo*
- *Fast road Lašva - D. Vakuf, section Lašva - Vitez*
- *Fast road Lašva - D.Vakuf, section Vitez bypass*
- *Reconstruction of junction of local road on main road M-5 in Dolac, Lašva*
- *Reconstruction of junction PC 96 on main road M-5 in Vitez*
- *Regulation of River Ljubina on road M-18, Šićki Brod - Sarajevo at km 96+521*

GPS

Geodetsko snimanje za projekat remonta pruge Konjic - Čapljina
Geodetic surveying for overhaul of Railway line Konjic - Čapljina

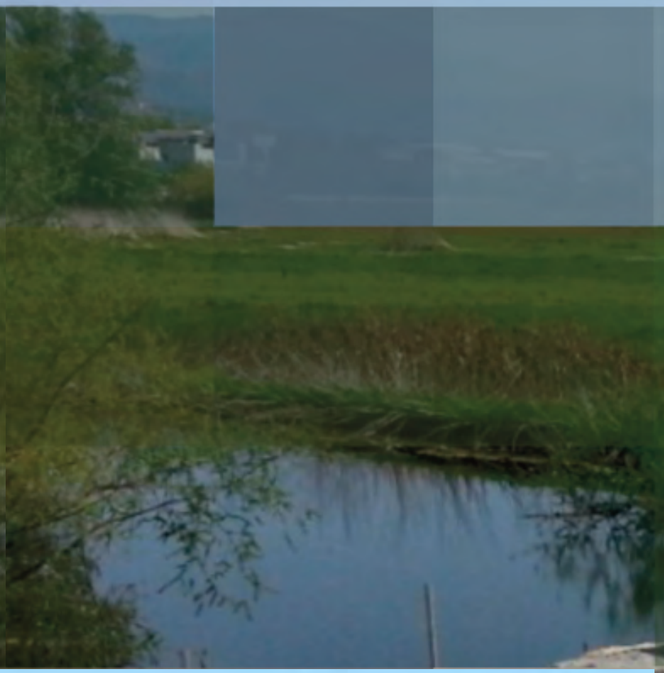
Poligon Bilješevo, dionica autoputa Bilješevo - Drivuša
Traverse Bilješevo, motorway section Bilješevo – Drivuša

- Brza cesta Lašva - Donji Vakuf, dionica: Lašva - Vitez
- I transverzala, dionica Tehnička škola - Ulica Zagrebačka u Sarajevu
- Obilaznica Bugojno
- Uređenje Ulice 126. Ilijaške brigade u Ilijašu
- Glavna opravke gornjeg stroja pruge Beograd - Bar, dionica B.Polje - Trebaljevo
- Glavna opravka gornjeg stroja pruge Beograd - Bar, stanice: Bijelo Polje, Kruševo, Mijatovo Kolo, Mojkovac, Trebaljevo
- Rasvjeta tunela Brčigovo, Čeljigovići, Ljučevo, Nezuci, Sijeračke stijene, Sokolica I i II, Vatrište
- Rekonstrukcija gradskih saobraćajnica u Sarajevu, dionica: Ilidža - Dolac Malta
- Objekat Granične policije BiH Sarajevo
- Autocesta Zenica - Sarajevo, Koridor Vc, dionica Visoko - Podlugovi, Glavni projekat petlje Visoko
- Lokalna saobraćajnicaizmeđu potputnjaka M-9 i mosta M-6 ispod Autoputa Zenica - Sarajevo
- Potporni zidovi na klizištu Krka Sarajevo
- Povezivanje magacinskog kolosijeka sa kolosijecima stanice Čapljina putna
- Glavni projekat VOP Doboj - B.Novi (Novi Grad)
- Glavni projekat VOP Doboj - B.Novi (Novi Grad) stanice: Čelinac, Jošavka, Vrbanja
- Granični prijelazi Klobuk, Gorica, Kamensko, Karakaj
- Industrijska pruga od Stanice Brčko do Luke Brčko
- Vodovod za područje Općine Orašje
- Adaptacija objekta kasarne Ramiz Salčin za potrebe Državnog Suda
- Rekonstrukcija željezničke stanice u Čapljini
- Elaborat eksproprijacije na trasi auto-ceste Sarajevo-Zenica, dionica Jošanica-Podlugovi (Jošanica-Malešići)
- Kišna i fekalna kanalizacija naselja Donji Kotorac - Sarajevo
- Odvodnja oborinskih voda unutar kampa SFOR Butmir
- Reambulacija lokaliteta Stup - Nukleus
- Eksproprijacija za potrebe izgradnje Zapadnog prilaza gradu
- Rekonstrukcija sistema vodovoda i drenaže u sarajevskim naseljima Stup i Nedžarići
- Kolosijek i pristupni putevi za depo u Stanici Zenica Teretna
- Manipulativni plato Aerodrom Tuzla
- Rekonstrukcija Željezničke stanice Sarajevo
- Sanacija klizišta u naselju Vogošća, Kobilja Glava, Krka i ulici Toka-Džeka, Sarajevo
- Stajanka platforme aviona Tuzla
- Vanjsko uređenje radionice u Stanici Zenica Teretna

- *Regulation of River Misoča and River Ljubina in Srednje*
- *Sewage system in Settlement Mahala - Sarajevo*
- *BH Post and BH Telecom building in Mostar*
- *Industrial rail track for the needs of Intermerkur and Sprind Company Sarajevo*
- *Lightning of tunnels Brčigovo, Čeljigovići, Ljučevo, Nezuci, Sijeračke stijene, Sokilica I and II, Vatrište*
- *Overhaul of railway Beograd - Bar, section B.Polje - Trebaljevo*
- *Overhaul of railway Beograd - Bar, stations: B.Polje, Kruševo, Mijatovo kolo, Mojkovac, Trebaljevo*
- *Reconstruction of city roads, section. Dolac Malta - Ilidža*
- *State border police building in Sarajevo*
- *BCs' Klobuk, Gorica, Kamensko and Karakaj*
- *Connection of depot track with tracks of Passengers Station Čapljina*
- *Local road between underpass M-9 and bridge M-6 under Motorway Zenica - Sarajevo*
- *Motorway Zenica - Sarajevo, Corridor Vc, section Visoko - Podlugovi, Main design for interchange Visoko*
- *Overhaul of railway Doboj - B.Novi (Novi Grad)*
- *Overhaul of railway Doboj - B.Novi (Novi Grad), stations: Čelinac, Jošavka, Vrbanja*
- *Overhaul of railway Sarajevo - Čapljina, stations: Bradina, Grad, Ovčari*
- *Main Design for retaining walls on landslide Krka in Sarajevo*
- *Industrial track from Station Brčko to Port Brčko*
- *Water supply system for the area of Orašje Municipality*
- *Adaptation of object for High Court in Sarajevo*
- *Rehabilitation of Railway Station in Čapljina*
- *Elaborate on expropriation on Motorway route Sarajevo - Zenica, section Jošanica - Podlugovi*
- *Expropriation Report for alignment of Sarajevo-Zenica Motorway, section Jošanica-Podlugovi (subsection Jošanica-Malešići)*
- *Drainage of precipitation water in SFOR Campus Butmir*
- *Rain and foul sewage system of settlement D.Kotorac Sarajevo*
- *Re-ambulation for location Stup - Nucleus*
- *Expropriation for construction of West Gate in Sarajevo*
- *Expropriation Report for construction of Sarajevo City Motorway*
- *External arrangement of Station Zenica workshop*
- *Manipulative plateau at Airport Tuzla*
- *Platform for airplanes on Tuzla Airport*
- *Rail track and access roads for Station Zenica depot*

- Rekonstrukcija kolosijeka kod trgovačkog centra u Stanici Sarajevo Teretna
- Objekat Sorting centra i hibridne pošte u Sarajevu
- Ispitivanje cestovnog mosta preko rijeke Neretve kod Konjica
- Snimanje klizišta: Čolpa, Gradačačka, Humačka ploča, Kromolj, Terezije, Velešići i Pofalići, Velešići Stara Ciglana u Sarajevu
- Međunarodni aerodrom Sarajevo
- Zapadni prilaz gradu
- Rekonstrukciju mostova kod Brčkog, Jasenovca, Orašja, Šamca
- Modernizacija jednokolosiječne pruge Podlugovi - Sarajevo za velike brzine
- Ispitivanje cestovnog mosta kod Olova, mosta preko r. Bosne kod Doboja, mosta preko rijeke Neretve kod Ostrošca, mosta preko rijeke Spreče, mosta preko r. Bosne kod Maglaja, mosta preko rijeke Drine kod Goražda, mosta preko rijeke Mlada, mosta preko rijeke Neretve kod Žitomislića
- Rekonstrukcija cjevovodnog sistema vodovoda u Sarajevu
- Izgradnja tramvajske pruge Nedžarići - Dobrinja u Sarajevu
- Ispitivanje tri željeznička mosta duž pruge B. Novi - Knin
- Ispitivanje željezničkih mostova "Lipovac" i "Klanac" na pruzi Brčko – Tuzla
- Sanacija kolosijeka u Stanici Sarajevo Teretna
- Ispitivanje željezničkog mosta na pruzi Doboj - Tuzla kod km 29+002
- Izgradnja ceste za Goražde
- Trasiranje pruge Sarajevo - Ploče
  - Dokumentacija remonta pruga:
  - Sarajevo - Vrpolje, po pravcu i niveleti
  - Grapska - B.Novi - Sunja, po pravcu i niveleti
  - B.Novi - Bihać - Knin, po pravcu i niveleti
  - Doboj - Tuzla, po pravcu i niveleti
  - Tuzla - Brčko, po pravcu i niveleti
  - Beograd - Lapovo
  - Mladenovac - Lapovo - Kragujevac
  - Niš - Dimitrovgrad
  - Pazin - Pula
  - tramvajska pruga Sarajevo - Ilidža, po pravcu i niveleti
- Trasiranje dijela pruge na osi Misurata - Brak - Sepha u Libiji
- Parcelisanje/ označavanje područja/ terena i Elaborati o eksproprijaciji za naselja: Jagomir, Koševo, Breka, Vraca, Buća Potok

- *Reconstruction of Railway Station Sarajevo*
- *Reconstruction of water supply and drainage system in settlements Stup and Nedžarići, Sarajevo*
- *Rehabilitation of landslides in settlements Vogošća, Kobilja Glava, Krka and Street Toka-Džeka Sarajevo*
- *Sorting Centre and Hybrid Post in Sarajevo*
- *Sarajevo City Motorway*
- *Survey for landslide consolidation Čolpa, Gradačačka, Humačka ploča, Kromolj, Terezije, Velešići and Pofalići, Velešići Stara Ciglana*
- *Reconstruction of bridges at Brčko, Jasenovac, Orašje, Šamac*
- *Sarajevo International Airport area*
- *Testing of road bridge over River Neretva in Konjic*
- *Modernization of single-track railway Podlugovi – Sarajevo*
- *Testing of road bridges near Olovo, over River Bosna near Doboj, over River Neretva near Ostrožac*
- *Reconstruction of waterworks pipeline in Sarajevo*
- *Construction of tramway Nedžarići-Dobrinja in Sarajevo*
- *Testing of road bridge over River Bosna near Maglaj*
- *Testing of three railway bridges along the railway B.Novi - Knin*
- *Adaptation and rehabilitation of Federal Office for Roads Building in Sarajevo*
- *Construction of access roads and parking at International Airport Sarajevo*
- *Testing of railway bridge over River Mlada*
- *Testing of railway bridges "Lipovac" and "Klanac", railway Brčko - Tuzla*
- *Testing of road bridge over River Drina near Goražde*
- *Testing of road bridge over River Neretva near Žitomislići*
- *Construction of road for Goražde*
- *Rehabilitation of track at Freight Station Sarajevo*
- *Testing of railway bridge on railway Doboj - Tuzla at km 29+002*
- *Geodesy survey for condition and marking of railway line Sarajevo - Ploče*
- *Documentation for capital overhaul on railway lines:*
  - *Sarajevo - Vrpolje, direction and level*
  - *Grapska - B.Novi - Sunja, direction and level*
  - *B.Novi - Bihać - Knin, direction and level*
  - *Doboj - Tuzla, direction and level*
  - *Tuzla - Brčko, direction and level*
  - *Beograd - Lapovo*
  - *Mladenovac - Lapovo -Kragujevac*
  - *Niš - Dimitrovgrad*
  - *Pazin - Pula*
  - *tramway line Sarajevo - Ilidža direction and level*
- *Marking of part of railway line Misurata - Brak - Sepha axis in Libya, and Expropriation Reports*
- *Parcelling /Marking of areas/terrain and Expropriation Reports for settlements: Jagomir, Koševo, Breka, Vraca, Buća Potok*



IPSA INSTITUT

IPSA HYDRO

IPSA HYDRO

Direktor
Enko Hubanić dipl. inž. građ.
Enko Hubanić Dipl. Ing. C. E.
Head of HYDRO Department

Okvirni obuhvat djelovanja Ipsa – HYDRO čini izrada studijske, planske i projektne dokumentacije svih nivoa projektovanja, prvenstveno u oblasti komunalne hidrotehnike i saobraćajne infrastrukture, a zatim i drugih oblasti vodoprivrede (upravljanja vodnim resursima), te hidrotehničkog građevinarstva i komunalnog inženjerstva.

U okviru tog obuhvata zaposlenici i saradnici Ipsa – HYDRO, bilo da se radi o projektima koji su dominantno hidrotehnički ili o dijelovima ostalih projekata Instituta, uspješno izvršavaju sljedeće usluge:

1. Priprema i izrada Idejnih rješenja, Idejnih, Glavnih i Izvedbenih projekata, te Projekte izvedenog stanja za:

- Vodovodne sisteme sa objektima (vodozahvati, PS, rezervoari,...) i opremom;
- Kanalizacione mreže i postrojenja za prečišćavanje fekalnih otpadnih voda;
- Sisteme odvodnje naselja i uređaja za tretman oborinskih voda;
- Regulacije rijeka i uređenje korita;
- Iskorištenja hidro i termoenergetskih potencijala (objekti, sadržaji i oprema za mHE i TE)
- Vanjske i unutrašnje odvodnje i vodozaštite saobraćajnica (trase i objekata);
- Hidroinstalacije, vanjske i unutrašnje sistema vodovoda i kanalizacije, te sisteme protivpožarne zaštite za različite objekte i koplekse objekata;
- Sanacije klizišta i trupa saobraćajnica;
- Hidrauličke proračuna otvora mostova i propusta;
- Sanacije i izgradnje sanitarnih deponija krutog otpada;
- Izmještanja, rekonstrukcije i dogradnje komunalne infrastrukture naselja;

2. Priprema i izrada planske i studijske dokumentacije:

- Planiranje u okviru prostorne, regulacione, urbanističke i druge planske dokumentacije;
- Izrada Studija i elaborata za vodne akte;
- Izrada Hidroloških studija, analiza i hidrauličkih proračuna;
- Izrada studijske dokumentacije za sisteme vodosnabdijevanja, odvodnje i kanalizacije;
- Izrada studijskih analiza vrjednovanja varijantnih rješenja hidrotehničkih objekata;

3. Obavljanje stručne revizije i nostrifikacije projektne dokumentacije svih nivoa u oblasti hidrotehničkog građevinarstva i upravljanja vodama;

4. Projektanski i stručno – tehnički nadzor nad izvođenjem radova u okviru projekata komunalne infrastrukture, hidrotehničkih instalacija, saobraćajnica i pratećih objekata, objekata visokogradnje i td.

IPSA HYDRO

The general scope of IPSA HYDRO's activities includes the development of studies, planning and design documents at all design levels, primarily in the fields of municipal hydraulic engineering and traffic infrastructure, but also in the fields of water management (water resources management), hydraulic engineering and municipal engineering. Regardless of whether the employees and associates of IPSA HYDRO work on predominately hydraulic engineering designs or on the hydraulic portion of other designs developed by IPSA Institute, they successfully provide the following services as part of their scope of work:

1. Preparation and development of conceptual, preliminary, main, detail and as-built designs for:

- *Water supply systems complete with structures (intake structures, PS, reservoirs,…) and equipment ;*
- *Sewerage networks and foul waste water treatment plants;*
- *Drainage systems in residential areas and rain water treatment devices;*
- *Regulation of rivers and river channels;*
- *Utilisation level of hydro and thermal energy potentials (structures, facilities and equipment for small-scale hydro power plants and thermal power plants)*
- *External and internal drainage and waterproofing systems for roads and railway lines (routes and structures);*
- *Water supply and sewerage installations, external and internal water supply and sewerage systems and fire safety systems for various structures and compounds;*
- *Landslide and road base rehabilitation;*
- *Hydraulic calculations for horizontal clearances of bridges and culverts;*
- *Rehabilitation and construction of sanitary solid waste landfills;*
- *Relocation, reconstruction and expansion of municipal infrastructure in residential areas;*

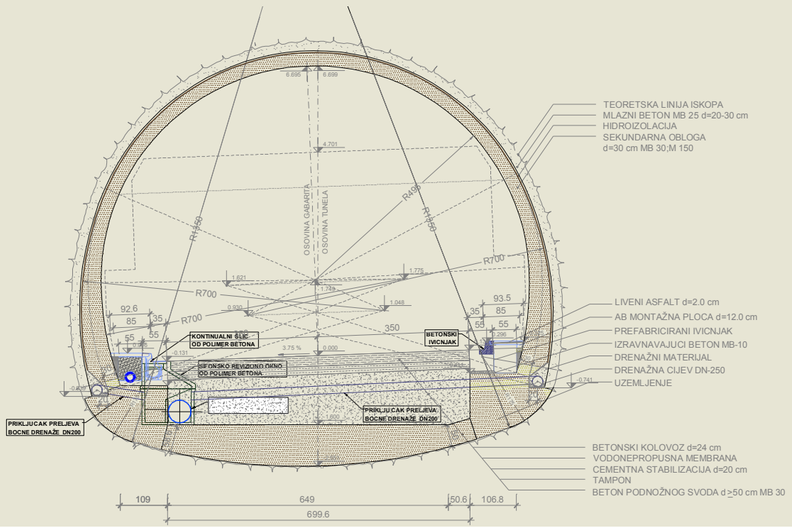
2. Preparation and development of planning documents and studies:

- *Planning within the framework of spatial, regulation, urban development and other planning documents;*
- *Development of studies and reports for water regulation documents;*
- *Development of hydrological studies, analyses and hydraulic calculations;*
- *Development of studies on water supply, drainage and sewerage systems;*
- *Development of study analysis for evaluating alternative solutions for hydraulic structures;*

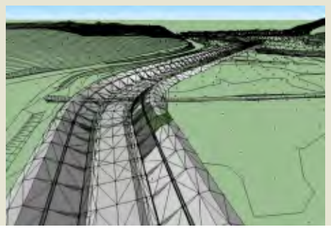
3. Expert review and verification of design documents at all levels in the fields of hydraulic engineering and water management;

4. Design and expert supervision over execution of municipal infrastructure works, hydraulic installations, roads and ancillary structures, buildings etc.

Projekt odvodnje Međunarodnog aerodroma Sarajevo
Sarajevo International Airport Drainage Design



Kolektori unutrašnje odvodnje autoceste
Main drains of the motorway internal drainage system



Projekt regulacije rijeke Kozice
Regulation of the Kozica River

Rezervoar Mostar
Reservoir Mostar

Odvodnja mosta u Podgorici
Bridge drainage system in Podgorica

Rezultate izuzetnog angažmana u proteklom periodu najbolje pokazuju brojni, uspješno realizovani projekti, odnosno reference Organizacione jedinice IPSA HYDRO:

A/ Projektna dokumentacija za sisteme vodosnabdijevanja objekata, naselja i industrije – vodozahvati, pumpne stanice, rezervoari, cjevovodi:

- Glavni projekt vodovoda „Raduša i Jugozapad" Tešanj;
- Glavni projekt vodovodnog sistema „Lokanj – Pilica", opština Zvornik
- Glavni projekt vodovodnog sistema „Tršić", opština Zvornik;
- Izvedbeni projekt izmještanja podzemnih instalacija i nadzemnih objekata na lokaciji izgradnje bloka 7 u Termoelektrani Tuzla;
- Glavni projekt pumpne stanice sa cjevovodom u Gladovićima, općina Zenica;
- Idejni projekt snabdijevanja tehničkom vodom Termoelektane Banovići;
- Glavni projekt rekonstrukcije i dogradnje vodovodne mreže na području grada i prigradskih naselja Gradačca;
- Glavni projekt rekonstrukcije vodovoda Novo Selo, Zenica;
- Glavni projekt sistema vodo-snabdijevanja naselja Gubavica i Pijesci, Mostar;
- Glavni projekt izgradnje infrastrukture naselja Mazoljice, Mostar, vodovodna mreža;
- Glavni projekt vodosnabdijevanja naseljenih mjesta Ilidža i Podovi, općina Sanski Most;
- Glavni projekt za obnovu i proširenje vodovodne mreže u općini Gradačac;
- Reambulacija glavnog projekta dijela vodovodne mreže u Orašju;
- Idejno rješenje i Glavni projekt vodovodnog sistema„Gorčevica" II faza – izvorište Polonski potok, Općina Travnik;

Numerous successfully implemented projects best portray the results that the IPSA HYDRO Division has achieved through exceptional engagement in the recent period:

A/ Design documents concerning water supply systems for structures, residential areas and industries – intake structures, pumping station, reservoirs and pipe lines:

- *Main design of water supply line Raduša and Jugozapad, Tešanj;*
- *Main design of water supply system Lokanj – Pilica, Zvornik Municipality;*
- *Main design of water supply system Tršić, Zvornik Municipality;*
- *Detail design of underground installation and overhead structures relocation at block 7 construction site of the Tuzla Thermal Power Plant;*
- *Main design of the pumping station complete with a pipeline in Gladovići, Zvornik Municipality;*
- *Preliminary design of supplying the Banovići Thermal Power Plant with industrial water;*
- *Main water supply network reconstruction and upgrade design for the Gradačac urban and suburban area;*
- *Main water supply reconstruction design for Novo Selo, Zenica;*
- *Main design of the water supply system for residential areas Gubavica and Pijesci, Mostar;*
- *Main infrastructure construction design for residential area Mazoljice, Mostar, water supply network;*
- *Main water supply design for residential areas Ilidža and Podovi, Sanski Most Municipality;*
- *Main reconstruction and expansion design of the water supply network in the Gradačac Municipality;*
- *Supplement to the main design of part of the water supply network in Orašje;*

- Glavni projekt vodovodne mreže i dva rezervoara pitke vode u dijelu opštine Vukosavlje;
- Glavni projekt vodovoda ''Starac'' za snabdijevanje vodom MZ Sadba, Vranići, Džindići, Mravinjac i Vitkovići, općina Goražde;
- Idejni i Glavni projekt vodosnabdijevanja naselja Medakovo i Trepče, Općina Tešanj;
- Glavni projekt vodovodne mreže prema usvojenom regulacionom planu, zona „B" faza I u Banovićima;
- Glavni – Izvedbeni projekt sekundarne vodovodne mreže na području Rakovice, općina Ilidža;
- Glavni projekt vodovodne mreže na podrucju opcine Orasje;
- Glavni projekt vodovodne mreže u SN Brod i MZ Boće na području Brčko Distrikta;

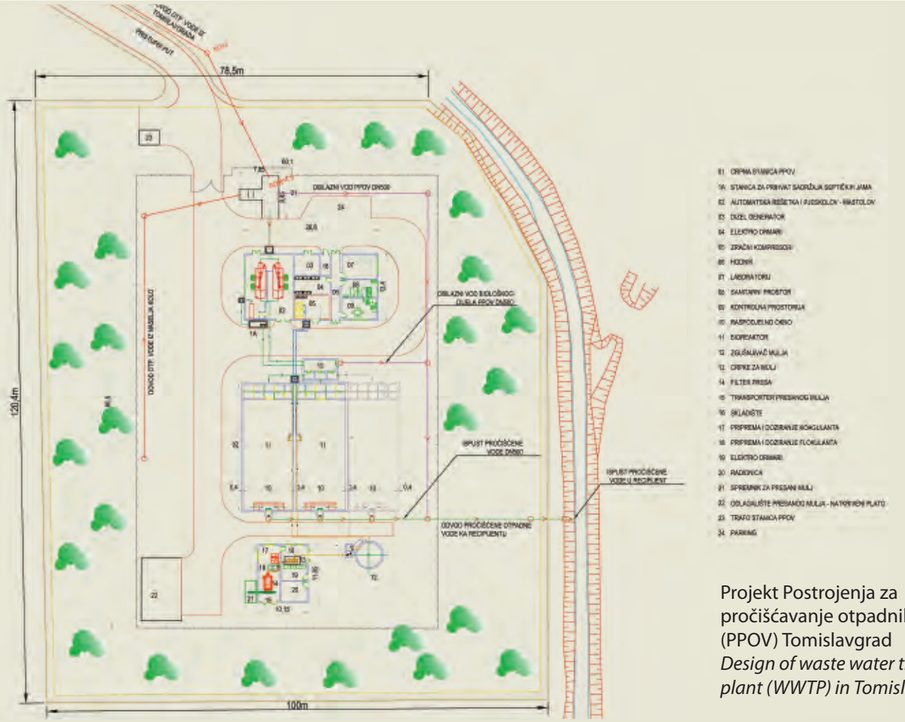
B/ Projektna dokumentacija za kanalizacione sisteme prikupljanja, odvođenja i dispozicije fekalnih i oborinskih otpadnih voda naselja:

- Idejni i Glavni – Izvedbeni projekt primarnih kolektora sistema prikupljanja i odvodnje otpadnih voda općine Tešanj;
- Idejno rješenje sistema vodosnabdijevanja, kanalizacije i pročišćavanja otpadnih voda rezidencijalnog naselja Tarčin;
- Glavni projekt kanalizacije naselja Ljubetovo, Zenica;
- Glavni projekti fekalne kanalizacije naselja Plješevica i Ptičijak, Rogatica;
- Glavni projekt razdvajanja sistema otpadnih voda za obuhvat Unioinvest-plastike u Semizovcu, Sarajevo;
- Glavni projekt nastavka izgradnje fekalnih kolektora grada Zenice;
- Glavni projekt izgradnje infrastrukture naselja Mazoljice, Mostar – Sistemi oborinske i fekalne kanalizacije;
- Glavni projekat kanalizacione mreže prema usvojenom regulacionom planu, zona„B" faza I u Banovićima;
- Glavni projekat fekalne i oborinske kanalizacije na području općine Ilidža;
- Glavni projekt kanalizacione mreže fekalnih i oborinskih voda naselja Ostrožac, općina Jablanica;
- Izmjene i dopune Glavnog projekta kanalizacije naselja Mratnjevača u Blažuju, općina Ilidža;
- Glavni projekt kanalizacionog sistema u MZ Kamenica i dijelu MZ Luka, općina Ilijaš;
- Glavni projekt kanalizacije na području opštine Vukosavlje;
- Idejno rješenje, Idejni i Glavni projekt sistema fekalne i oborinske kanalizacije područja grada Konjica;
- Glavni projekt fekalne I kišne kanalizacije naselja Donji Kotorac – Sarajevo;
- Glavni projekt oborinske kanalizacije na podrucju Opcine Lukavac;
- Glavni projekat kanalizacione mreže naselja Aerodrom – Mahala u Sarajevu;

- *Conceptual and main design of water supply system Gorčevica, Phase II – spring of stream Polonski, Travnik Municipality;*
- *Main design of the water supply network and two drinking water reservoirs in Municipality Vukosavlje;*
- *Main design of the Starac water supply line supplying communities Sadba, Vranići, Džindići, Mravinjac and Vitkovići with water, Goražde Municipality;*
- *Preliminary and main designs of water supplying residential areas Medakovo and Trepče, Tešanj Municipality;*
- *Main design of the water supply network based on the adopted regulation plan, Zone B, Phase I in Banovići;*
- *Main/Detail design of the secondary water supply network in the area of Rakovica, Ilidža Municipality;*
- *ain Design of the water supply network in the area of Municipality Orašje;*
- *Main design of the water supply network in SN Brod and community Boće in Brčko District;*

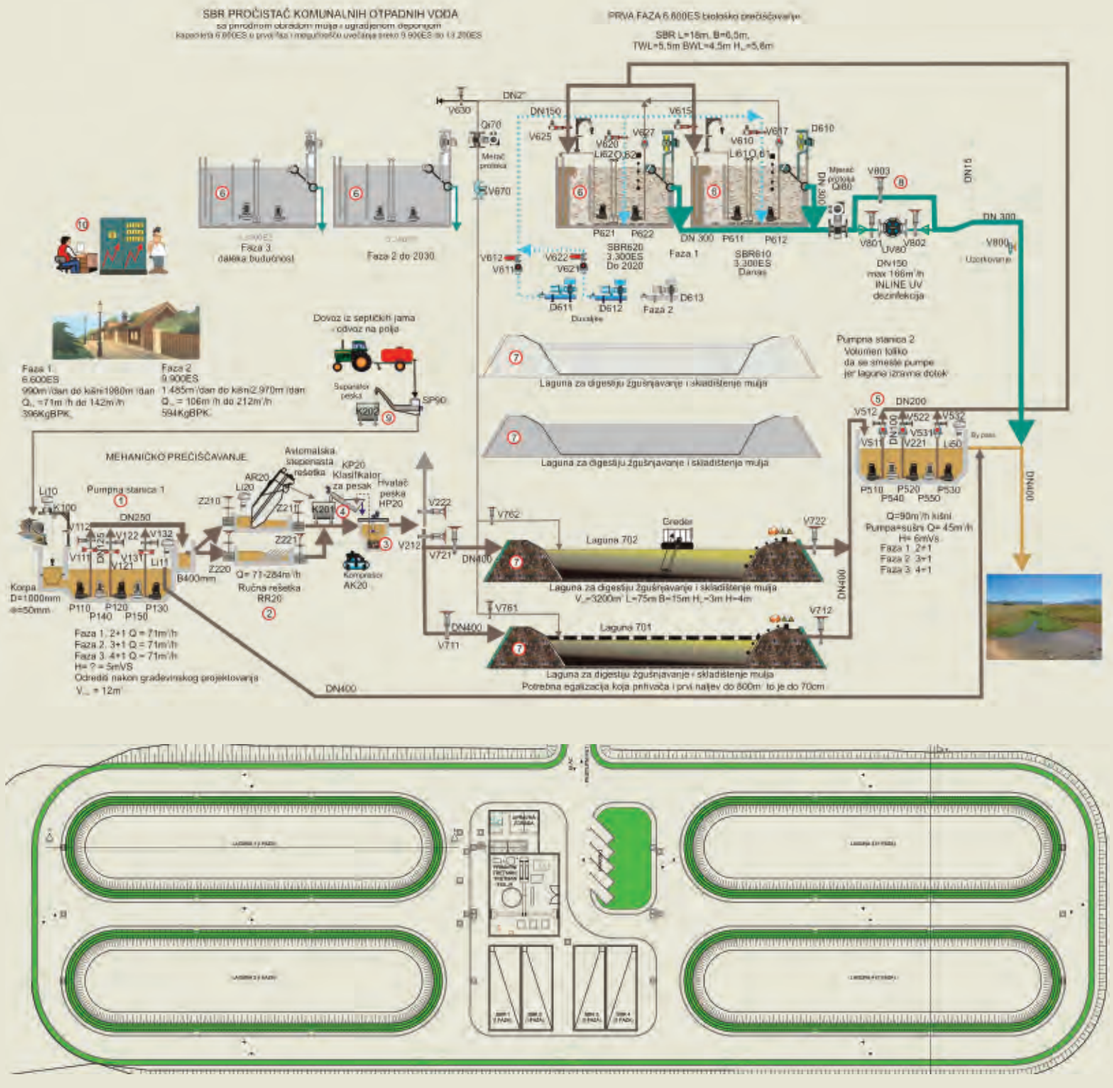
B/ Design documents concerning the collection, drainage and disposal of foul and waste rain water in residential areas:

- *Preliminary and main/detail design of main sewer lines of the waste water collection and drainage system in Municipality Tešanj;*
- *Conceptual design of the water supply system, sewage system and water waste treatment plant for residential area Tarčin;*
- *Main design of the sewerage system in residential area Ljubetovo, Zenica;*
- *Main design of the foul water sewerage system in residential areas Plješevica and Ptičijak, Rogatica;*
- *Main design of the waste water separation system in the compound of Unioinvest Plastika in Semizovac, Sarajevo;*
- *Main design of the continuation of foul water sewerage construction in the town of Zenica;*
- *Main design of infrastructure construction in residential area Mazoljice, Mostar – Rainwater and foul water sewer systems;*
- *Main design of the sewerage network based on the adopted regulation plan, Zone B, Phase I, Banovići;*
- *Main design of foul water and rain water sewerage in Municipality Ilidža;*
- *Main design of the foul and rain water sewerage network in residential area Ostrožac, Jablanica;*
- *Modifications and supplements to the main sewerage design for residential area Mratnjevača, Ilidža Municipality;*
- *Main design of the sewerage system in local community Kamenica and in part of local community Luka, Ilijaš Municipality;*
- *Main sewerage design for Vukosavlje Municipality;*
- *Conceptual design, preliminary design and main design of foul and rain water sewerage in the town of Konjic;*
- *Main design of foul and rain water sewerage in residential area Donji Kotorac – Sarajevo;*
- *Main design of rain water sewerage in Lukavac Municipality;*
- *Main design of the sewerage network in residential area Aerodrom – Mahala in Sarajevo;*



Projekt Postrojenja za pročišćavanje otpadnih voda (PPOV) Tomislavgrad
Design of waste water treatment plant (WWTP) in Tomislavgrad

Projekt sanitarne deponije „Uborak" Mostar
Design of Sanitary Lanfill Uborak Mostar



Projekt PPOV Bosanski Petrovac
WWTP design Bosanski Petrovac

C/ Projektna dokumentacija za postrojenja i uređaje za prečišćavanje fekalnih, oborinskih i tehnoloških otpadnih voda:

- Glavni projekt sanacije i modernizacije Postrojenja za prečišćavanje otpadnih voda Trebinje;
- Glavni projekt uređaja za pročišćavanje otpadnih voda stambenih objekata i PC „Vrtovi Riverine", Ilidža;
- Idejni projekt uređaja za pročišćavanje fekalnih otpadnih voda u Tomislavgradu;
- Analiza varijanti za odabir najadekvatnije i najisplativije tehnologije za prečišćavanje otpadnih voda u Bosanskom Petrovcu;
- Idejni i glavni projekt sistema prečišćavanja otpadnih voda za proizvodno – poslovni objekat mljekare „Mliječni put", Gradačac;
- Idejni projekt Postrojenja za prečišćavanje fekalnih otpadnih voda Bosanskog Petrovca;
- Glavni projekti fekalne kanalizacione mreže sa prečistačem otpadnih voda Krepšić, Brčko Distrikt;
- Idejni projekt Postrojenja za pročišćavanje fekalnih otpadnih voda, Konjic;
- Glavni projekt sistema prečišćavanja otpadnih voda u naselju Glogošnica, općina Jablanica;
- Glavni projekt kanalizacione mreže i postrojenja za prečišćavanje otpadnih voda opština Vukosavlje;

D/ Projektna dokumentacija za regulacije vodotoka, uređenje korita / bujica i zaštita od poplava:

- Glavni projekt uređenja lijeve obale rijeke Bosne i kolektora otpadnih voda na potezu betonski most – most RP u području grada Visoko;
- Idejni i Glavni projekt zaštite od poplava i uređenje vodotoka rijeke Majdanuša u Sanskom Mostu;
- Glavni projekt regulacije rijeke Bužimnice na području općine Bužim;
- Idejni i Glavni projekt uređenja korita rijeke Bosne u Zavidovićima;
- Izvedbeni projekt regulacije dijela korita rijeke Misoče na području Općine Ilijaš;
- Glavni projekat regulacija rijeke Misoče, potez: Naselje Mlini – Kamenica, Ilijaš;
- Glavni projekat regulacije rijeke Ljubine na cesti M-18, Šićki Brod - Sarajevo u km 96+521;
- Glavni projekti regulacija rijeka Misoče u Donjoj Misoči i Ljubine u Srednjem;

E/ Projektna dokumentacija za sanaciju i osiguranje padina, sanitarnih deponija i odlagališta krutog otpada:

- Izmjene i dopune Glavnog projekta odlagališta čvrstog otpada "Uborak", Mostar;
- Idejna rješenja i Glavni projekti sanacije klizišta i slijeganja trupa saobraćajnica u mjestima Bogatići - Općina Trnovo, Stupari - Općina Kladanj i Previle - Općina Tuzla;
- Idejni projekt sanitarne deponije Trešnjica, općina Goražde;

C/ Design documents concerning foul water, rain water and industrial waste water treatment plants and devices:

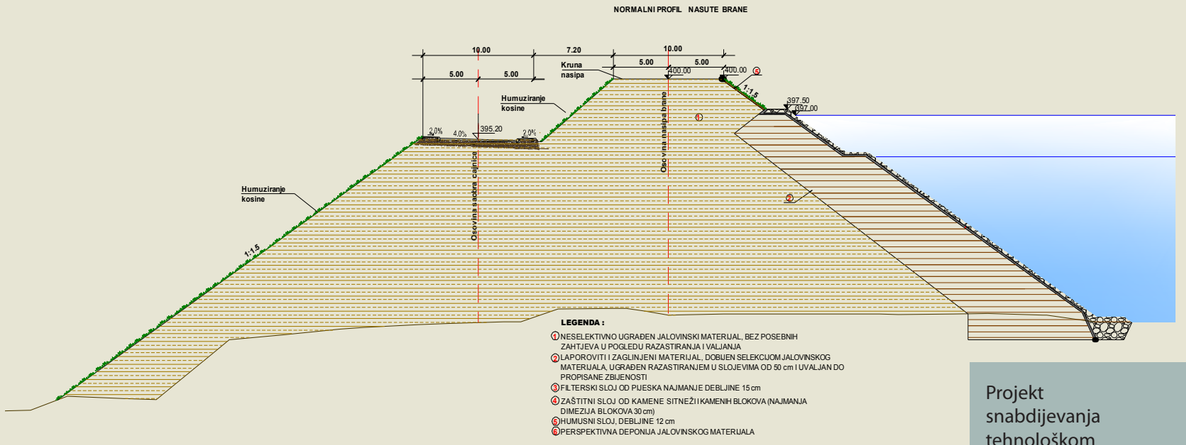
- *Main rehabilitation and modernisation design of the waste water treatment plant in Trebinje;*
- *Main design of waste water treatment devices for residential buildings and PC Vrtovi Riverine, Ilidža;*
- *Preliminary design of foul waste water treatment devices in Tomislavgrad;*
- *Analysis of alternatives for selecting the most adequate and cost effective waste water treatment technology in Bosanski Petrovac;*
- *Preliminary and main designs of waste water treatment systems in the production and business compound of dairy plant Mliječni put, Gradačac;*
- *Preliminary design of the foul waste water treatment plant in Bosanski Petrovac;*
- *Main designs of the foul water sewerage network with a treatment device in Krepšić, Brčko District;*
- *Preliminary design of the foul waste water treatment plant in Konjic;*
- *Main design of the waste water treatment system in residential area Glogošnica, Jablanica Municipality;*
- *Main design of the sewerage network and water treatment plant in Vukosavlje Municipality;*

D/ Design documents concerning watercourse training, regulation of river channels / torrents and flood control:

- *Main design of the regulation of the left bank of the Bosnia River and the waste water sewer line stretching from the concrete bridge to the RP bridge within the area of town Visoko;*
- *Preliminary and main designs of flood control and watercourse training of the Majdanuša River in Sanski Most;*
- *Main design of regulation of the Bužinica River in Bužim Municipality;*
- *Preliminary and main designs of the Bosnia River channel regulation;*
- *Detail design of regulation of a part of the Misoče River channel in Municipality Ilijaš;*
- *Main design of the Misoče River regulation, stretch: residential area Mlini – Kamenica, Ilijaš*
- *Main design of the Ljubine River regulation along road M-18, Šićki Brod - Sarajevo at km 96+521;*
- *Main design of the Misoče River regulation in Donja Misoča and of the Ljubine River regulation in Srednje;*

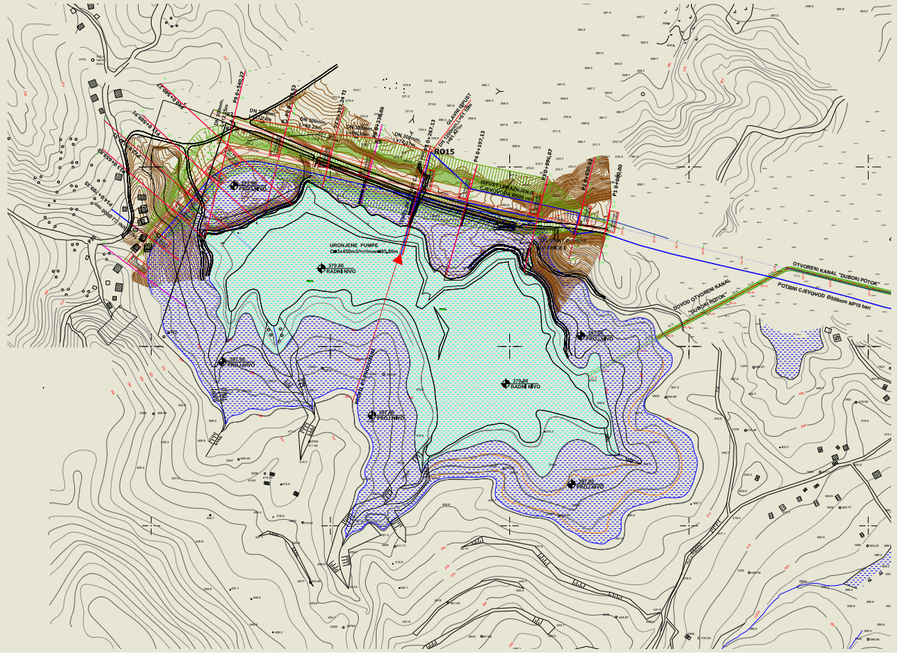
E/ Design documents concerning rehabilitation and securing of slopes, sanitary landfills and solid waste disposal sites:

- *Modifications and supplements to the main design of the Uborak solid waste disposal site, Mostar;*
- *Conceptual designs and main rehabilitation designs for landslide and road base settlement at Bogatići – Trnovo Municipality, Stupari – Kladanj Municipality and Previle – Tuzla Municipality;*
- *Preliminary design of sanitary landfill Trešnjica, Goražde Municipality;*



Projekt snabdijevanja tehnološkom vodom TE Banovići

Design of industrial water supply to Banovići TPP



Nasuta brana „Ramići“ (presjek i situacija)

Rockfill dam Ramići (cross-section and layout)

F/ Projektna dokumentacija za unutrašnje i vanjske sisteme vodovoda, kanalizacije i protivpožarne zaštite objekata, centara, kompleksa i manjih prostornih obuhvata:

- Glavni projekt vanjskog uređenja kompleksa asfaltne baze, separacije i betonare firme „Krajina Putevi“, na lokalitetu Lohovo kod Bihaća;
- Idejni projekt kogeneracijskog postrojenja na biomasu u Natron–Hayat, Maglaj, hidrotehnička faza;
- Idejni i Glavni projekt temelja Blow-tanka, Storage-towrea, Intemediate-tanka i mosta cjevovoda sa nosačem u Natron – Hayat, Maglaj – hidrotehnička faza;
- Glavni projekt sanacije i rekonstrukcije objekta „Zetra“ u Sarajevu – hidrotehnička faza;
- Glavni projekt sistema fekalne i oborinske kanalizacije sa pročišćavanjem otpadnih voda za obuhvat firme W&P Milos, d.o.o. u Rakovici;
- Idejni i Glavni projekat bočnog naplatnog mjesta Kakanj – unutrašnje i vanjske instalacije vodovoda i kanalizacije i odvodnje oborinskih voda platoa;
- Glavni projekat unutrašnjeg i vanjskog vodovoda i kanalizacije poslovnog objekta IPSA Instituta Sarajevo;
- Glavni projekt vanjskog uređenja, odvodnje i tretmana zauljenih voda sa platoa ispred radionice i autopraonice RJ „Transport“, zavisnog društva RMU „Zenica“, d.o.o, u Zenici;
- Idejni i glavni projekt adaptacije prostora za potrebe Agencije za forenzička ispitivanja i vještačenja – unutrašnje instalacije vodovoda i kanalizacije;
- Glavni projekt opskrbe vodom, odvodnje i tretmana otpadnih voda poslovnog objekta „Laks“, Mostar;
- Idejni i Glavni projekat čeonog naplatnog mjesta Jošanica – unutrašnji i vanjski sistem vodovod i kanalizacije;
- Idejni i glavni prokjekti bočnih cestovnih naplatnih mjesta Podlugovi i Visoko – hidroinstalacije;
- Glavni projekat unutrašnjeg i vanjskog sistema vodovoda i kanalizacije za granične prelaze: Karakaj, Kamensko, Gorica, Klobuk, Ivanica, Vardište, Jasenovac / Gradina, Bosanski Šamac / Šamac;
- Glavni projekat rekonstrukcije Željezničkih stanica / stajališta Danilovgrad, Slap, Stubica, Ostrog i Nikšić u Crnoj Gori - vodovod i kanalizacija
- Idejni i Glavni projekt adaptacije i rekonstrukcija objekta stare pristanišne zgrade Aerodroma u Podgorici - unutrašnji i vanjski sistem vodovoda i kanalizacije;
- Glavni projekt rekonstrukcije i nadogradnje objekta terminalne kontrole letenja u Podgorici;
- Idejni i Glavni projekt centra Pošta i Telekom, Mostar – unutrašnji i vanjski sistemi vodovoda kanalizacije i protivpožarne zaštite;

F/ Design documents concerning internal and external drainage systems, sewerage and fire safety in buildings, centres, compounds and smaller structures:

- *Main design of external arrangement of the asphalt plant, separation and concrete plant of company Krajina Putevi at Lohvo near Bihać;*
- *Preliminary design of the biomass powered cogeneration plant in Natron–Hayat, Maglaj, hydraulic engineering phase;*
- *Preliminary and main foundation design for the blow tank, storage tank, intermediate tank and pipeline bridge with girder in Natron–Hayat, Maglaj, hydraulic engineering phase;*
- *Main rehabilitation and reconstruction design of Zetra in Sarajevo – hydraulic engineering phase;*
- *Main design of foul and rain water sewerage system with a waste water treatment plant for company W&P Milos, d.o.o. in Rakovica;*
- *Preliminary and main design of entrance/exit toll plaza in Kakanj – internal and external water supply, sewerage and rain water drainage installations;*
- *Main design of internal and external drainage and sewerage for IPSA Institute's commercial building, Sarajevo;*
- *Main design of external arrangement, drainage and treatment of oiled water at the platform in front of the work shop and car wash of RJ „Transport“, subsidiary company of RMU „Zenica“, d.o.o, in Zenica;*
- *Preliminary and main room refurbishment designs commissioned by the Agency for Forensic Testing and Examination – internal water supply and sewerage installations;*
- *Main water supply, waste water drainage and treatment design for commercial building Laks, Mostar;*
- *Preliminary and main designs of Jošanica motorway toll plaza – internal and external water supply and sewerage system;*
- *Preliminary and main design of Podlugovi and Visoko motorway entrance/exit toll plazas – water supply and sewerage installations;*
- *Design of the internal and external water supply and sewerage system for state border crossings: : Karakaj, Kamensko, Gorica, Klobuk, Ivanica, Vardište, Jasenovac / Gradina, Bosanski Šamac / Šamac;*
- *Main reconstruction design of railway stations / stops Danilovgrad, Slap, Stubica, Ostrog and Nikšić in Montenegro – water supply and sewerage;*
- *Preliminary and main refurbishment and reconstruction designs of the terminal building at Podgorica Airport – internal and external water supply and sewerage system;*
- *Main reconstruction and expansion design of the flight control terminal at Podgorica;*
- *Preliminary and main design of the Post and Telecom Centre, Mostar – internal and external water supply, sewerage and fire safety systems;*

- Glavni projekat objekta zatvorenog prihvatnog centra za iregularne imigrante u BiH – vodovod i kanalizacija
- Glavni projekat vanjskog vodovoda i unutrašnje hidrantske mreže u Fabrici duhana Sarajevo;
- Izvedbeni projekat rekonstrukcije zgrade "Dvorana" u Brčkom – hidroinstalacije;

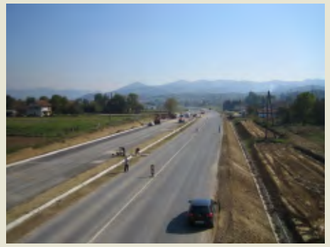
G/ Studijska i projektna dokumentacija u okviru projekata autocesta, cesta, željeznica i aerodroma:

- Glavni projekti odvodnje autoputa u Koridoru Vc na lokaciji Malešići i Petlja Visoko, te uređenje vodotoka koji prolazi kroz trup autoputa na lokaciji Kula Banjer;
- Idejni i Glavni projekti Brze ceste Lašva – Nević polje, (3 poddionice, ukupne dužine L=23 km):
- Hidrološke podloge, hidraulika, regulacije vodotoka, uređenje bujica; Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata; Komunalne instalacije vodovoda i kanalizacije svih CP–a i pratećih objekata; Izmještanje i zaštita cjevovoda "Plava voda"; Studije za PVS trasa i objekata;
- Glavni projekt autoceste u Koridoru Vc, dionica Tarčin – Konjic: hidrologija, hidrotehnika, regulacije vodotoka; Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata, hidroinstalacije i odvodnja objekata CP Konjic; Prečišćavanje oborinskih voda, vodosnabdijevanje, protupožarna zaštita i odvodnja tunela; Studije za prethodnu vodnu saglasnost (PVS) trase i objekata;
- Glavni projekt autoceste u Koridoru Vc, dionica Svilaj – Vukosavlje (LOT 1), L = 17 km: Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata autoceste, hidroinstalacije objekata 2 Cestovna prolaza (CP), kompleksa Graničnog prelaza (GP) i Pratećih uslužnih objekata (PUO);
- Glavni projekt autoceste Zenica – Sarajevo – Mostar, dionica Vlakovo – Lepenica: Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata autoceste; Hidroinstalacije objekata CP Vlakovo i CP Lepenica; Studije za prethodnu vodnu saglasnost trase i objekata;
- Glavni projekt autocesta Zenica – Sarajevo, dionica Drivuša – Kakanj, SI Drivuša – Bilješevo: Hidrologija i hidrotehnika, regulacija vodotoka, uređenje bujica; Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata; Sistemi vanjskog i unutrašnjeg vodovoda i kanalizacije, te odvodnje za objekte CP Drivuša, CP Lučani i COKP Drivuša; Vodosnabdijevanje, protupožarna zaštita i odvodnja onečišćenih voda tunela "Vijenac"; Studije za PVS trase i objekata;
- Glavni projekt autoceste Zenica – Sarajevo, dionica Drivuša – Kakanj, SII Bilješevo (Lučani) – Kakanj: Vanjska i unutrašnja odvodnja i vodozaštita trase i mostova;
- Glavni projekt autoceste Zenica – Sarajevo, dionica Kakanj – Visoko, SI: Kakanj – Dobrinje: Unutrašnja odvodnja i vodozaštita trase i objekata;

- *Main design of the enclosed immigration detention centre in B&H – water supply and sewerage;*
- *Main design of the external water supply and the internal hydrant network in the Sarajevo Tobacco Factory;*
- *Detail reconstruction design of building Dvorana in Brčko – water supply and sewerage installations;*

G/ Studies and design documents concerning motorway, road, railway and airport projects:

- *Main drainage designs for the Corridor Vc motorway at sites Malešići and Visoko Interchange; training the watercourse intersecting the motorway base at site Kula Banjer;*
- *Preliminary and main designs of expressway Lašva – Nević Polje (3 subsection with a total length of L=23 km):*
- *Hydrological data, hydraulics, watercourse training, torrent regulation; External and internal drainage and waterproofing of the route and structures; Municipal water supply and sewerage installations for all toll plazas and ancillary structures; Relocation and protection of the Plava voda pipeline; Studies for the preliminary water permit for the route and structures;*
- *Main design of the Corridor Vc motorway, section Tarčin – Konjic: hydrology, hydraulic engineering, watercourse training; External and internal drainage and waterproofing of the route and structures, water supply and sewerage and drainage for the Konjic toll plaza facility; Rain water treatment, water supply, fire safety and drainage in tunnels; Studies for the preliminary water permit for the route and structures;*
- *Main design of the Corridor Vc motorway, section Svilaj – Vukosavlje (LOT1), L=17 km: External and internal drainage and waterproofing for the route and motorway structures, water supply and sewerage installations for facility 2 of the toll plaza, the state border crossing complex and service area facilities;*
- *Main design of the Zenica – Sarajevo – Mostar motorway, section Vlakovo – Lepenica: External and internal drainage and waterproofing of the route and motorway structures; Water supply and sewerage installations for toll plazas Vlakovo and Lepenica; Studies for the preliminary water permit for the route and structures;*
- *Main design of the Zenica – Sarajevo – Mostar motorway, section Drivuša – Kakanj, SI Drivuša – Bilješevo: Hydrology and hydraulic engineering, watercourse training, torrent training, External and internal drainage and waterproofing for the route and motorway structures; External and internal water supply and sewerage systems and drainage for toll plazas Drivuša and Lučani and the Drivaš Traffic Management and Control Centre; Water supply, fire safety and drainage of effluent water from tunnel Vijenac; Studies for the preliminary water permit for the route and structures;*



Površinski elementi odvodnje autoceste
Surface elements of motorway drainage

Površinski elementi vanjske i unutrašnje odvodnje i vodozaštite cesta
Surface elements of external and internal drainage systems and road waterproofing

Kolektori unutrašnje odvodnje autocecte
Main drains of the motorway internal drainage system

Nadzor na izvođenju hidrotehničke infrastrukture na AC
Supervision of construction of motorway hydraulic infrastructure

- Glavni projekt autoceste Zenica – Sarajevo, dionica Kakanj – Visoko, SII: Dobrinje – Visoko: Unutrašnja odvodnja i vodozaštita trase i objekata;
- Planersko-studijska dokumentacija i Idejni projekti autoceste u Koridoru Vc, LOT 1 i LOT 2: hidrologija i hidrotehnika, regulacije vodotoka i uređenja bujica; Vanjska i unutrašnja odvodnja i vodozaštita trase i objekata; Komunalne instalacije vodovoda i kanalizacija – izmještanja i kolizije; Vodosnabdjevanja, hidroinstalacije objekata;
- Glavni projekat autoputa Zenica – Sarajevo, dionica Visoko – Podlugovi: Unutrašnja odvodnja i vodozaštita trase i mostova;
- Studija izvodljivosti i Glavni projekat remonta dionice pruge Podlugovi – Sarajevo: Hidrološke podloge, hidraulički proračuni, vanjska odvodnja izaštita trupa pruge;
- Glavni projekat rehabilitacije magistralne ceste m 6.1 Livno 2 – Kolo, sanacija trase, km 16+000.00 - 18+000.00: hidrologija, odvodnja površinskih i procjednih voda;

Projekti ugradnje separatora ulja i masti
Oil and grease separators installation

- *Main design of the Zenica – Sarajevo – Mostar motorway, section Drivuša – Kakanj, SII Bilješevo (Lučani) – Kakanj: External and internal drainage and fire safety for the route and bridges;*
- *Main design of the Zenica – Sarajevo – Mostar motorway, section Kakanj – Visoko, SI: Kakanj – Dobrinje: Internal drainage and waterproofing for the route and structures;*
- *Main design of the Zenica – Sarajevo – Mostar motorway, section Kakanj – Visoko, SII: Dobrinje – Visoko: Internal drainage and waterproofing for the route and structures;*
- *Planning and study documents and preliminary designs for the Corridor Vc motorway, LOT1 and LOT2: hydrology and hydraulic engineering; Municipal water supply and sewerage installations – relocations and conflict points; Water supply, water supply and sewerage installation for structures;*

- Idejni projekat magistralnog puta M 18 (E762) Brod na Drini – Hum, dionica I Brod na Drini – Donji Kopilovi, L = 5559.00 m: hidrološke podloge, regulacije vodotoka, uređenje bujica i odvodnja oborinskih voda;
- Glavni projekat odvodnje oborinskih voda na dijelu puta Tuzla – Šićki Brod;
- Idejni i Glavni projekt magistralne ceste M5 Vitez-Lašva (Obilaznica Vitez): Hidrologija i odvodnja oborinskih voda;
- Idejno rješenje i Glavni projekt magistralne ceste M.5, Izačić – Bihać: Hidrologija i odvodnja oborinskih voda;
- Glavni projekat odvodnje oborinskih voda na obilaznici oko grada Brcko;
- Idejno rješenje i Glavni project Obilaznice Bugojno: Hidrološka studija i odvodnja oborinskih i procjednih voda;
- Idejno rješenje i Glavni projekt sistema prikupljanja, odvodnje i pročišćavanja oborinskih voda za Letjelište „Brda", na području općine Livno;
- Glavni projekt novog drenažnog Sistema – primarnog kolektora na Međunarodnom aerodromu Sarajevo;
- Glavni projekt odvodnje brze izlazne (D) i zaobilazne (E) rulnice, te proširenja stajanke na MAS;
- Idejno rješenje i Glavni projekt odvodnje svih površina Međunarodnog aerodroma Sarajevo prema Master planu;

H/ Priprema i izrada studijske i planske dokumentacije:

- Prostorni plan Unsko – Sanskog kantona, komunalna infrastruktura, vode i vodne površine;
- Tehnički elaborat o ispuštanju otpadnih voda za deponiju komunalnog otpada "Višnjik" na lokalitetu Zrnići u općini Gradačac;
- Analiza tehničkih podloga I izrada Projekta dopuna IT dokumentacije za blok 8 u TE kakanj u cilju ispunjavanja zahtjeva iz Prethodne vodne saglasnosti;
- Studija za prethodnu vodnu saglasnost za objakat Medimpex – "Nofal" u Vogošći;
- Studija za prethodnu vodnu saglasnost za pogon "Žitoprerada AD", Cazin;
- Tehnički elaborat o ispuštanju otpadnih voda za objekat Importanne u Sarajevu;
- Studija za prethodnu vodnu saglasnost za kompaniju "Una Gas"d.o.o, Bihać;
- Tehnički elaborat o ispuštanju otpadnih voda za terminal tečnih goriva u Željezari "Zenica";
- Studija uticaja na vode, količinu i kvalitetu vode rijeke Majdanuše u općini Sanski Most;
- Tehnički elaborat o ispuštanju otpadnih voda za tvornicu "Saraj – Komerc", G.Vakuf – Uskoplje;
- Tehnički elaborat o ispuštanju otpadnih voda i prateća IT dokumentacija za međudržavni most preko rijeke Save kod Svilaja, na autoputu u Koridoru Vc;
- Elaborati za prethodnu vodnu saglasnost, vodnu saglasnost i stručno mišljenje za projekt rekonstrukcije mosta u Aleksićima na Ujića rijeci (M18, Šićki Brod – Sarajevo);
- Studija za prethodnu vodnu saglasnost za terminal tečnih goriva u Željezari "Zenica";

- *Main design of the Zenica – Sarajevo – Mostar motorway, section Visoko – Podlugovi: Internal drainage and waterproofing for the route and bridges;*
- *Feasibility study and main design for the Podlugovi – Sarajevo railway section overhaul: Hydrological data, hydraulic calculations, external drainage and protection of the track bed;*
- *Main rehabilitation design of trunk road m 6.1 Livno 2 – Kolo, route rehabilitation, km 16+000.00 - 18+000.00: hydrology, drainage of surface and seepage water;*
- *Preliminary design of trunk road M 18 (E762) Brod na Drini – Hum, section I Brod na Drini – Donji Kopilovi, L = 5559.00 m: hydrological data, watercourse training, torrent training and rain water drainage;*
- *Main design of rain water drainage Main design of rain water drainage at part of the Tuzla – Šićki Brod road;*
- *Preliminary and main designs of trunk road M5 Vitez-Lašva (Vitez Bypass): Hydrology and rain water drainage;*
- *Conceptual and main designs of trunk road M.5, Izačić – Bihać: Hydrology and rain water drainage;*
- *Main design of rain water drainage at Brčko bypass;*
- *Conceptual and main designs of Bugojno bypass: Hydrological study and drainage of rain water and seepage water;*
- *Conceptual and main designs of the rain water collection, drainage and treatment system at landing ground Brda in Livno Municipality;*
- *Main design of a new drainage system – main sewer line at Sarajevo International Airport;*
- *Main drainage design for the rapid-exit taxiway (D), the bypass taxiway (E) and the apron extension at Sarajevo International Airport;*
- *Conceptual and main drainage designs for all surfaces of Sarajevo International Airport, as set out in the Master Plan;*

H/ Preparation and development of study and planning documents:

- *Una-Sana Canton Spatial Plan, municipal infrastructure, water and water surfaces;*
- *Waste water discharge technical report for the Višnjik municipal waste disposal site at Zrniće in Gradačac Municipality;*
- *Analysis of technical data and development of supplements to IT documents for block 8 of the Kakanj Thermal Power Plant in order to meet requirements stated in the preliminary water permit;*
- *Study for the preliminary water permit for facility Medimpex – Nofal in Vogošća;*
- *Study for the preliminary water permit for plant Žitoprerada AD, Cazin;*
- *Waste water discharge technical report for building Importanne in Sarajevo;*
- *Study for the preliminary water permit for company Una Gas d.o.o, Bihać;*
- *Waste water discharge technical report for the liquid fuel terminal in Steel Mill Zenica;*

- Studija o procjeni uticaja na okoliš za deponiju komunalnog otpada "Višnjik", Gradačac – analiza tla, podzemnih i površinskih voda;
- Zoning plan dijela područja općine Srebrenik – komunalna infrastruktura;
- Studija za prethodnu vodnu saglasnost za za deponiju komunalnog otpada "Višnjik", Gradačac;
- Prostorni plan općine Srebrenik – komunalna infrastruktura, vode i vodne površine;
- Prostorni plan općine Živinice – komunalna infrastruktura, vode i vodne površine;
- Studija izvodljivosti za dovođenje dodatnih količina vode za piće za MP Tinja i MP Podorašje, na području općine Srebrenik;
- Elaborati za vodnu saglasnost za Objekat Autocesta Zenica – Sarajevo, dionica Drivuša – Kakanj, Sekcije Drivuša - Bilješevo (Lučani) i Bilješevo (Lučani) – Kakanj;
- Studija za prethodnu vodnu saglasnost za izgradnju poslovnog centra "Bauhaus" u Sarajevu;
- Studija za prethodnu vodnu saglasnost za uklanjanje postrojenja objekata i opreme u kompleksu obuhvata "Žica",d.d., Sarajevo;
- Elaborat hidrauličkog proračuna uspora rijeke Bosne na lokaciji mosta MO3 na regionali R445;
- Elaborat hidrauličkog proračuna otvora mostova na Crnoj i Kolunskoj rijeci (Ustikolina – Garež);
- Izmjena i dopuna regulacionog plana "Riba" Živinice – infrastruktura vodovoda i kanalizacije;
- Studija za prethodnu vodnu saglasnost za kamenolom "Duboki do", Rakovica;
- Studija uticaja velikih voda, pojave $Q_{1/100}$, rijeke Misoče na lokaciju asfaltne baze "Sarajevoputevi" u naselju Misoča, općina Ilijaš;
- Studija za prethodnu vodnu saglasnost za asfaltnu bazu GP "Put", Gladno polje - Rakovica;
- Studija za prethodnu vodnu saglasnost za proizvodno – poslovni objekat "Ćatibušić-Berhamović" u Rajlovcu;
- Studija za prethodnu vodnu saglasnost za objekat "Kisikana" u industrijskoj zoni općine Zenica;
- Studija za prethodnu vodnu saglasnost za poslovni objekat "In time"u Rakovici, Sarajevo;
- Studija za prethodnu vodnu saglasnos za objekat Akademije scenskih umjetnosti, Skenderija;
- Prostorna osnova Prostornog plana Federacije Bosne i Hercegovine, 2008. – 2028. godine, Studija sektora upravljanja vodama;
- Studija za prethodnu vodnu saglasnost za objekat benzinske pumpe "Energopetrol" na Čengić Vili, Sarajevo;

I/ Usluge revizije projektne dokumentacije:

- Hidroenergetski sistem "Gornja Neretva": Idejni projekti mHE Igaščica, mHE Mjedenik i mHE Grebenac – Ušće;
- Glavni projekt prikupljanja i tretmana otpadnih voda aglomeracije preduzeća za proizvodnju, trgovinu i usluge "Baš Group" d.o.o., Tuzla;
- Studija izvodljivosti i Idejni projekt sistema prikupljanja, transporta i prečišćavanja tehnoloških otpadnih voda kompanije "ArcelorMittal" Zenica;
- Idejni projekt žičare "Trebević", Sarajevo – hidrotehnička faza;
- Glavni projekt odvodnje, vodozaštite i hidroinstalacija tunela "Karaula";
- Tehnološki elaborat i Glavni projekt za sanaciju postojeće deponije komunalnog otpada "Višnjik" na lokalitetu Zrnići i izgradnja pratećih objekata prilagođenih sanitarnom konceptu odlaganja do njenog zatvaranja, Gradačac;
- Projekt odvodnje i prečišćavanja otpadnih voda u Bihaću: Idejni I glavni projekti fekalne i oborinske kanalizacije gradskog i prigradskog područja;
- Glavni projekt regulacije vodotoka Kvrkulja, Velika Kladuša;
- Projektna dokumentacija za Memorijalni centar "Potočari" – hidroinstalacije;
- Glavni projekt Glavnog kanalizacionog kolektora u Jajcu;
- Glavni projekt dijela rijeke Kladušnice, Velika Kladuša;
- Glavni projekt Upravne zgrade i hale livnice "Cimos TMD Zenica" – hidrotehničke instalacije;
- Projekt istražnih radova i definiranje obuhvata i granica zaštitnih zona u svrhu donošenja odluke o provođenju zaštite izvorišta vode za piće "Sarajevsko polje";
- Projekt zaštite izvorišta Mutnik, Vignjevići i Tahirovići, općina Cazin;
- Glavni projekt Osnovne škole "Aneks" – hidroinstalacije;
- Glavni projekt kolektora i kanalizacione mreže u užem centru grada Kladnja;
- Glavni projekt uređenja lijeve obale rijeke Drinjače u Kladnju;
- Glavni projekt hidrotehničkih objekata na PK kamenolom "Sklop", familije Liđan, Cazin;
- Projekt zaštite izvorišta "Izron –Suha", područje općine Zavidovići;
- Studija izvodljivosti i Idejni projekt autoceste Tuzla – Orašje: Odvodnja, vodozaštita i hidroinstalacije trase i objekata;

J/ Usluge projektantskog i stručno – tehničkog nadzora nad izvođenjem radova:

- Izgradnja poddionice autoceste u Koridoru Vc, Lepenica – Suhodol: stručno – tehnički nadzor nad izvođenjem radova odvodnje, vodozaštite i hidroinstalacija trase i objekata;
- Izgradnja kanalizacione mreže istočnog dijela i rekonstrukcija centralnog izgrađenog kanalizacije grada Bosanski Petrovac – projektantski nadzor nad izvođenjem radova;
- Zamjena betonskih separatora na dionici autoceste Jošanica – Podlugovi: stručno – tehnički nadzor nad izvođenjem zamjene, ugradnje i konačnog uređenja lokacija: stručno-tehnički nadzor;
- Izgradnja poddionice autoceste u Koridoru Vc, Vlakovo – Lepenica: projektantski nadzor nad izvođenjem radova odvodnje, vodozaštite i hidroinstalacija trase i objekata;
- Izgradnja poddionice autoceste u

- *Impact study for the Majdanuša River water, water quantity and quality, Sanski Most Municipality;*
- *Waste water discharge technical report for factory Saraj – Komerc, G.Vakuf – Uskoplje;*
- *Waste water discharge technical report and supporting IT documents for the international bridge across the Sava River at Svilaj in Corridor Vc motorway;*
- *Reports for the preliminary water permit, the water permit and expert opinion on the bridge reconstruction project in Aleksići across the Ujića River (M18, Šićki Brod – Sarajevo);*
- *Study for the preliminary water permit for the liquid fuel terminal in Steel Mill Zenica;*
- *Environmental Impact Assessment for the Višnjik municipal waste disposal site in Gradačac – analysis of soil, ground and surface water;*
- *Zoning plan for part of the Srebrenik Municipality – municipal infrastructure;*
- *Preliminary water permit study for the Višnjik municipal waste disposal site in Gradačac;*
- *Srebrenik Municipality Spatial Plan – municipal infrastructure, water and water surfaces;*
- *Živinice Municipality Spatial Plan – municipal infrastructure, water and water surfaces;*
- *Feasibility study for supply additional quantities of drinking water to MP Tinja and MP Podorašje in Srebrenik Municipality;*
- *Reports for the water permit for motorway Zenica – Sarajevo structures, section Drivuša – Kakanj, sections Drivuša - Bilješevo (Lučani) and Bilješevo (Lučani) – Kakanj;*
- *Study for the preliminary water permit for constructing the Bauhaus business centre in Sarajevo;*
- *Study for the preliminary water permit for removing the plant and equipment in compound of Žica ,d.d., Sarajevo;*
- *Hydraulic calculation report on the Bosnia River backwater at bridge MO3 on regional road R445;*
- *Hydraulic calculation report on the horizontal clearance of bridges over the Crna and Kolunska Rivers Ustikolina – Garež);*
- *Modifications and supplements to the regulation plan for Riba, Živinice – water supply and sewerage infrastructure;*
- *Preliminary water permit study for quarry Duboki do, Rakovica;*
- *Impact study of flood flow, occurrence of $Q_{1/100}$ in the Misoče River on the asphalt plant site Sarajevoputevi in settlement Misoča, Ilijaš Municipality;*
- *Preliminary water permit study for asphalt plant GP "Put", Gladno polje - Rakovica;*
- *Preliminary water permit study for the Ćatibušić-Berhamović production and business compound in Rajlovac;*
- *Preliminary water permit study for facility Kisikana in the industrial are of Zenica Municipality;*
- *Preliminary water permit study for commercial building In time in Rakovica, Sarajevo;*
- *Preliminary water permit study for the building of the Academy of Performing Arts, Skenderija;*
- *Preliminary discussion document for the Spatial Plan of the Federation of Bosnia and Herzegovina, 2008 – 2028, Study on the Water Management Sector;*
- *Preliminary water permit study for the Energopetrol petrol station facility at Čengić Vila, Sarajevo;*

I/ Design review services:

- *Gornja Neretva hydro power system: Preliminary design of small-scale hydro power plants Igaščica, Mjedenik and Grebenac – Ušće;*
- *Main design of waste water collection and treatment for Baš Group d.o.o., a company for production, sales and services, Tuzla;*
- *Feasibility study and preliminary design of industrial waste water collection, transport and treatment, commissioned by company ArcelorMittal, Zenica;*
- *Preliminary design of the Trebević cable car, Sarajevo – hydraulic engineering phase;*
- *Main drainage, waterproofing and water supply and sewerage installations design for tunnel Karaula;*
- *Technical report and main rehabilitation design of the existing municipal waste disposal site Višnjik at Zrnići and construction of ancillary facilities in line with sanitary waste disposal principles until the site is shut down, Gradačac;*
- *Waste water drainage and treatment design for Bihać: Preliminary and main designs of foul and rain water sewerage in the urban and suburban area;*
- *Main design of Kvrkulja watercourse regulation, Velika Kladuša;*
- *Design documents for the Potočari Memorial Centre – water supply and sewerage installations;*
- *Main design of the main sewer line in Jajce;*
- *Main design of part of the Kladušnica River, Velika Kladuša;*
- *Main design of the administration building and the foundry of Cimos TMD Zenica – water supply and sewerage installations;*
- *Exploratory works design and definitions of the scope and boundaries of protected zones for the purpose of setting out protective measures for the Sarajevsko polje drinking water source;*
- *Design for protecting sources Mutnik, Vignjevići and Tahirovići, Cazin Municipality;*
- *Main design of primary school Aneks – water supply and sewerage installations;*
- *Main design of the main sewer line and sewerage network in the centre of Kladanj;*
- *Main design of the regulation of the left bank of the Drinjača River in Kladanj;*
- *Main design of hydraulic structures at PK quarry Sklop, owned by the Liđan family, Cazin;*
- *Design of protection of source Izron –Suha, Zavidovići Municipality;*
- *Feasibility study and preliminary design of the Tuzla – Orašje motorway: Drainage, waterproofing and water supply and sewerage installations for the route and structures;*

J/ Design supervision services and expert work supervision:

- *Construction of motorway subsection in Corridor Vc, Lepenica – Suhodol: expert supervision over works related to drainage, waterproofing and water supply and*

Koridoru Vc, Drivuša – Gorica: projektantski nadzor nad izvođenjem radova odvodnje, vodozaštite i hidroinstalacija trase i objekata;

- Izvođenje instalacionih radova na objektu Centar Pošta i Telekom Mostar: projektantski nadzor;
- Izvođenje radova instalacija vodovoda i kanalizacije za objekat "Sipa" u Lukavici: stručno-tehnički nadzor nad izvođenjem radova;
- Izvođenje radova instalacija vodovoda i kanalizacije na objektu Raiffeisen banke u Sarajevu: stručno – tehnički nadzor;
- Izvođenje radova sistema unutrašnje odvodnje trase, mostova i ugradnje separatora za tretman oborinskih voda, te izmještanje instalacija vodovoda i kanalizacije i srodnih radova na autocesti Zenica - Sarajevo, dionica Kakanj - Visoko, S I: Kakanj – Dobrinje: stručno – tehnički nadzor;
- Izvođenje radova na izgradnji primarnih kolektora 2 × 1500 mm, od rijeke Željeznice do Međunarodnog aerodroma Sarajevo: stručno-tehnički nadzor;
- Izvođenje radova sistema unutrašnje odvodnje trase, mostova i ugradnje separatora za tretman oborinskih voda, te izmještanje instalacija vodovoda i kanalizacije i srodnih radova na autocesti Zenica – Sarajevo, dionica Kakanj – Visoko, S II: Dobrinje – Visoko: stručno – tehnički nadzor;
- Izvođenje radova na rekonstrukciji sistema pitke, tehnološke i protivpožarne vode na Međunarodnom aerodromu Sarajevo: stručno-tehnički nadzor;
- Izvođenje radova vanjskog i unutrašnjeg sistema vodovoda i kanalizacije Graničnog prelaza Bosanski Šamac: stručno-tehnički nadzor nad izvođenjem radova;
- Izvođenje radova sistema unutrašnje odvodnje trase, mostova i ugradnje separatora za tretman oborinskih voda, te srodnih radova na autocesti Zenica – Sarajevo, dionica Podlugovi – Visoko: projektantski nadzor;
- Izvođenjenje radova ugradnje instalacija vodovoda i kanalizacije u Sportsko – rekreativnom centru "Termalna rivijera" Ilidža, Sarajevo: stručno-tehnički nadzor;
- Izvođenjenje radova rekonstrukcije instalacija vodovoda i kanalizacije poslovnog centra "Unitic", u Sarajevu: stručno-tehnički nadzor;

sewerage installations for the route and structures;

- *Construction of the sewerage network in the eastern part and sewerage reconstruction in the central part of town Bosanski Petrovac – design supervision during execution of works;*
- *Concrete interceptor replacement at motorway section Jošanica – Podlugovi: expert supervision over replacement and installation works and final site regulations;*
- *Construction of Corridor Vc motorway subsection, Vlakovo – Lepenica: design supervision during the execution of drainage, water proofing and water supply and sewerage works at the route and structures;*
- *Construction of Corridor Vc motorway subsection, Drivuša – Gorica: design supervision during the execution of drainage, water proofing and water supply and sewerage works at the route and structures;*
- *Execution of installation works in the Central Post and Telekom building in Mostar: design supervision;*
- *Execution of water supply and sewerage installation works in Sipa's building in Lukavica: expert supervision over execution of works;*
- *Execution of water supply and sewerage installation works in the Raiffeisen Bank's building in Sarajevo: expert supervision;*
- *Execution of works related to the internal drainage system on the route and bridges, installation of a rain water treatment interceptor, relocation of water supply and sewerage installations and accompanying works on the Zenica – Sarajevo motorway, section Kakanj – Visoko, S I: Kakanj – Dobrinje: expert supervision;*
- *Construction of a 2 × 1500 mm main sewer line stretching from the Željeznica River to Sarajevo International Airport: expert supervision;*
- *Execution of works related to the internal drainage system on the route and bridges, installation of a rain water treatment interceptor, relocation of water supply and sewerage installations and accompanying works on the Zenica – Sarajevo motorway, section Kakanj – Visoko, S II: Dobrinje – Visoko: expert supervision;*
- *Execution of reconstruction works related to the drinking, industrial and fire protection water system at Sarajevo International Airport;*
- *Execution of works related to the external and internal water supply and sewerage systems at state border crossing Bosanski Šamac: expert supervision over execution of works;*
- *Execution of works related to the internal drainage system on the route and bridges, installation of a rain water treatment interceptor and accompanying works on the Zenica – Sarajevo motorway, section Podlugovi – Visoko: design supervision;*
- *Water supply and sewerage installation works at recreational sports centre Termalna rivijera Ilidža, Sarajevo: expert supervision;*
- *Execution of water supply and sewerage reconstruction works at commercial centre Unitic in Sarajevo: expert supervision;*

Odvodnja svih površinskih voda Međunarodnog Aerodroma Sarajevo
Drainage of surface waters at Sarajevo International Airport

IPSA INSTITUT

IPSA PPA

IPSA PPA

Direktorica
M. Sc. Lejla Hajro
M. Sc. Lejla Hajro
Head of PPA
Department

PROSTORNO PLANIRANJE I ARHITEKTURA

Odjel za prostorno planiranje i arhitekturu (PPA) se, generalno uzevši, bavi uređenjem u oblikovnom i funkcionalnom smislu. Mjerilo u kome djeluje PPA se proteže od uređenja ukupnog prostora nekog administrativnog teritorija, unutarnjeg uređenja gradova ili dijelova gradova, pa sve do uređenja objekata ili njihovih enterijera.

Ideja za objedinjavanjem tako širokog dijapazona aktivnosti u jednom odjelu, proizilazi iz geneze razvitka promišljanja o jednoj nastanbi, preko manje ili veće grupe nastanbi, do ukupnog prostora, u čijem je središtu, prirodno, arhitekta-urbanista. PPA se tako, sastoji od grupe arhitekata-urbanista specijaliziranih u različitim oblastima, koji balansirajući između nauke i umjetnosti, promišljaju o prostoru, te stvaraju prepoznatljiv i upotrebljiv proizvod, usklađen sa lokalnom legislativom i evropskim principima.

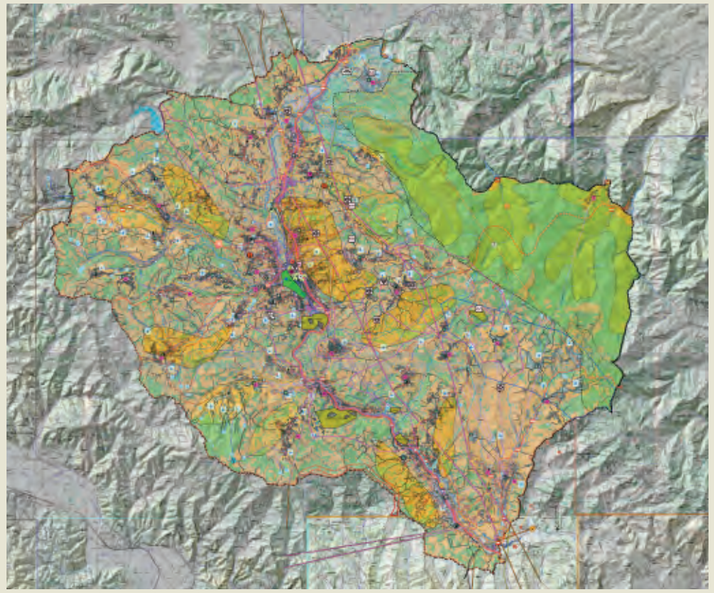
Za kompletno tretiranje prostorne problematike, PPA angažira specijaliste iz ostalih odjela IPSA Instituta, stvarajući, na taj način, polidisciplinaran tim, kreiran na način da optimalno odgovori na zahtjeve klijenta.

IPSA PPA

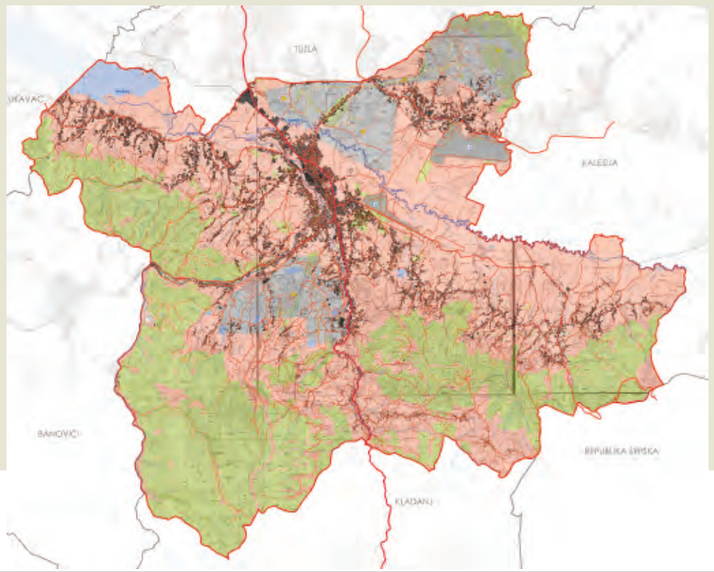
SPATIAL PLANNING AND ARCHITECTURE

Generally speaking, the Spatial Planning and Architecture Division's core business is arrangement in terms of both shape and function. The Division's operations range from arranging the overall space of an administrative territory, arranging the inner city and city parts to designing structures or the interior thereof.

The idea to amalgamate such a wide range of activities into one division stems from the genesis of contemplating about a dwelling, as an ensemble consisting of a smaller or larger group of dwellings, and the overall space, wherein the town planner/architect naturally holds a central role. Hence, the Division comprises a group of town planners/architects specialized in different areas, who in their contemplation about space balance between science and art, thus creating a recognizable and usable product aligned with the legislation and European principles. With a view to fully address issues related to spatial planning, the Division engages specialists from other divisions of IPSA Institute, whereby a poly-disciplinary team is created to optimally respond to clients' requests.



Prostorni plan Srebrenik
Srebrenik Spatial Plan



Prostorni plan Živinice
Živinice Spatial Plan

Reference u planiranju i urbanizmu:

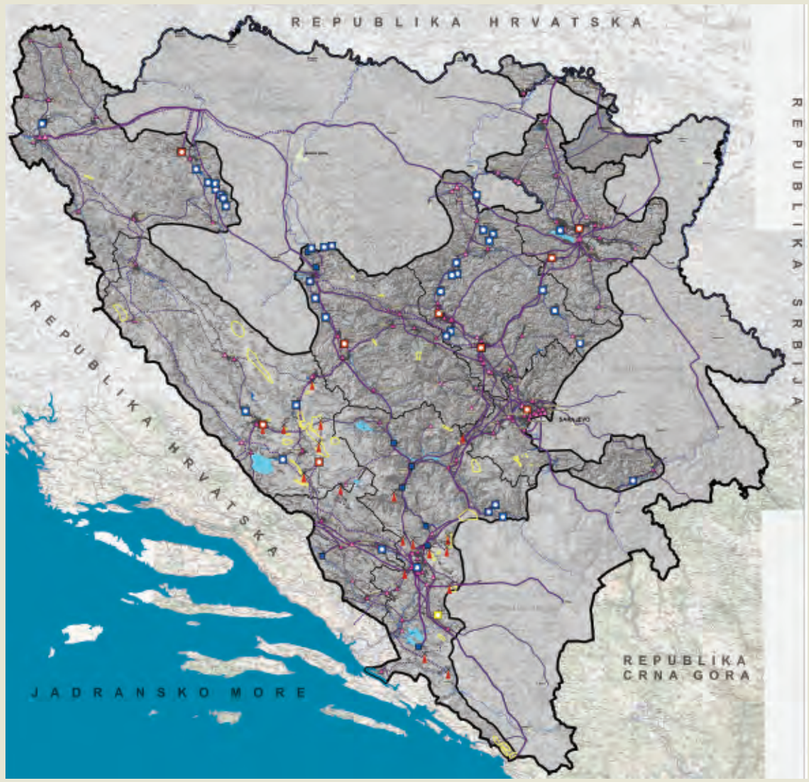
- Prostorni plan Federacije Bosne i Hercegovine
- Prostorni plan područja posebnih obilježja od značaja za FBiH " Autocesta Koridoru Vc "
- Studija ranjivosti Federacije Bosne i Hercegovine
- Prostorni plan Unsko - Sanskog kantona
- Prostorni plan općine Živinice
- Prostorni plan općine Srebrenik
- Prostorni plan općine Bosanski Petrovac
- Prostorni plan planine Kruščica na području općine Vitez
- Prostorni plan općine Čelić
- Prostorni plan općine Konjic
- Regulacioni Plan centra Srebrenika, Srebrenik

References in planning and urbanism

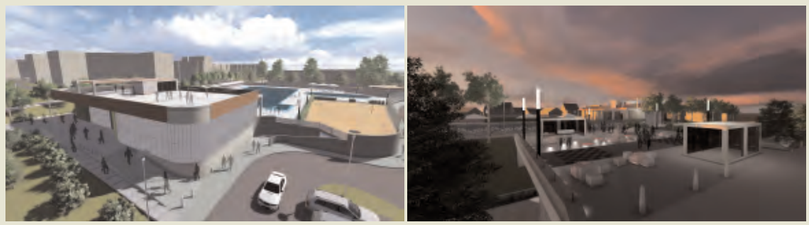
- *Spatial Plan of Federation of Bosnia and Herzegovina*
- *Spatial Plan for the Areas with Specific Characteristics of Significance for the FB&H „Corridor Vc Highway"*
- *Study of Vulnerability of the Federation of Bosnia and Herzegovina*
- *Spatial Plan of Unsko - Sanski Canton*
- *Spatial Plan of Živinice Municipality*
- *Spatial Plan of Srebrenik Municipality*
- *Spatial Plan of Mountain Kruščica in Vitez Municipality*
- *Spatial Plan of Čelić Municipality*
- *Spatial Plan of Konjic Municipality*
- *Regulation Plan of Srebrenik Center, Srebrenik*
- *Regulation Plan of Thermal Power Plant in Banovići*

- Regulacioni Plan termoelektrane u Banovićima
- Regulacioni Plan centra Gračanica, Gračanica
- Regulacioni Plan centra Breze, Breza
- Regulacioni Plan Kalesija Centar, Kalesija
- Regulacioni Plan Kozica, Travnik
- Regulacioni Plan MZ Tinja Donja, Srebrenik
- Regulacioni Plan Riba, Živinice
- Regulacioni Plan Potočari, Srebrenica
- Regulacioni Plan centra Srebrenice
- Zoning plan poslovnog područja Špionica , Srebrenik
- Urbanistički projekat sportsko-rekreativnog centra Dobrinja

- *Regulation Plan of Gračanica Centre, Gračanica*
- *Regulation Plan of Breza Centre, Breza*
- *Regulation Plan of Kalesija Centre, Kalesija*
- *Regulation Plan of Kozica, Travnik*
- *Regulation Plan of MZ Tinja donja, Srebrenik*
- *Regulation Plan of Riba, Živinice*
- *Regulation Plan of Potočari, Srebrenica*
- *Regulation Plan of Srebrenica Centre*
- *Zoning Plan of Business Area in Špionica, Srebrenik*
- *Urban design of the Doboj Sports and Recreation Centre*

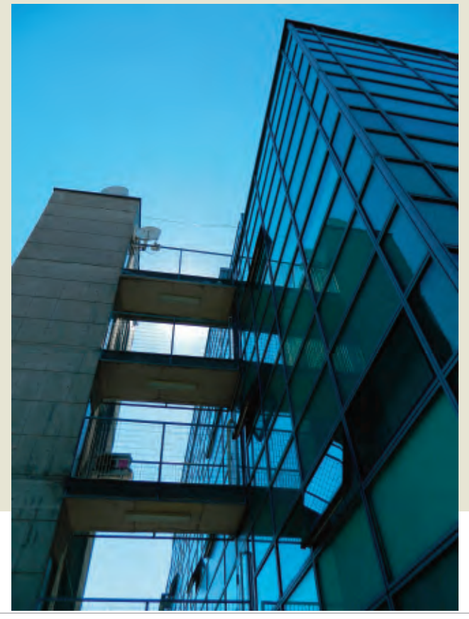


Prostorni plan FBiH 2008-2028.
Spatial Plan of FBiH 2008-2028.



Urbanistički projekat Sportsko-rekreativni centar Dobrinja
Urban design of the Doboj sports and Recreation Centre

Zgrada Granične policije BiH - glavni projekat
State Border Police Building - Main Design



Reference u projektovanju

- Glavni projekat Zetra, rekonstrukcija i sanacija stadiona za brzo klizanje
- Glavni projekat deponije Uborak, Mostar
- Idejni projekat rehabilitacije žičare na Bjelašnici
- Idejni projekat CHP na biomasu - Natron Hayat
- Idejni i Glavni projekat za poslovnu zgradu IPSA Instituta
- Glavni projekat Careve džamije u Foči
- Idejni i Glavni projekat obnove poslovnog prostora Agencije za forenziku
- Glavni projekat centra za obrazovanje i smještaj u Stocu (IHDR)
- Idejni projekat infrastrukture i objekata za kabinsku žičaru na Bjelašnici
- Objekat za ilegalne migrante u BiH
- Objekat Državne granične službe u Sarajevu
- Glavni projekat za obnovu centra kontrole zračnog prometa u Sarajevu
- Rekonstrukcija i dogradnja aerodromske zgrade u Podgorici
- Glavni projekat za obnovu centra kontrole zračnog prometa u Podgorici
- Idejni projekat skladišta boja, lakova i otpada, Standard
- Glavni projekat poljoprivrednog centra Zvornik
- Idejni i Glavni projekt za željezničke stanice na pruzi Podgorica - Nikšić
- Idejni i Glavni projekt za naplatne stanice CP Vitez, CP Nević polje, CP Kaonik, na Koridoru Vc, dionica Lašva - Nević Polje
- Idejni i Glavni projekt centra za kontrolu i održavanje Koridoru Vc, dionica Lašva - Nević Polje, petlja Nević polje

References in designing

- *Main design of Zetra, Reconstruction and Recovery of Stadium for Speed Skating*
- *Main Design for Uborak Depot, Mostar*
- *Preliminary Design of Rehabilitation of Cable Car on Bjelašnica Mountain*
- *Preliminary Design of CHP on Biomass - Natron Hayat*
- *Preliminary and Main Design for the Office Building of IPSA Institute*
- *Main Design for Careva Mosque in Foča*
- *Preliminary and Main Design for Reconstruction of Office Space for Forensic Agency*
- *Main Design of Education and Accommodation Centre in Stolac (IHDR)*
- *Preliminary Design of the Infrastructure and Facilities to Support Cable Car on Bjelašnica*
- *Closed Reception Facility for Irregular Migrants in B&H*
- *State Border Police Building in Sarajevo, Main design*
- *Main Design for Rehabilitation and Building of Air Traffic Control Center in Sarajevo*
- *Reconstruction and Additional Building of Airport Building in Podgorica*
- *Main Design for Rehabilitation and Building of Air Traffic Control Center in Podgorica*
- *Preliminary Design for Warehouse of Paints, Varnishes and Waste, Standard*
- *Main Design for Agricultural Center Zvornik*
- *Preliminary and Main Design for Train Stations on Podgorica – Nikšić Route*
- *Preliminary and Main Design for Toll Station CP Vitez, CP Nević polje, CP Kaonik, on Corridor Vc Motorway, Section Lašva - Nević polje*
- *Preliminary and Main Design for Control and Maintenance Centre on Corridor Vc*

Naplatno mjesto Kakanj / *Kakanj Tall Station*

Granični prijelaz Šamac - glavni projekat
Border Crossing Point Šamac - Main Design

- Idejni i Glavni projekt naplatne stanice CP Konjic, Kakanj, Lučani, Odžak, Vukosavlje, Vlakovo, Drivuša, Visoko, Podlugovi i Jošanica na Koridoru Vc
- Idejni i Glavni projekt centra za upravljanje i održavanje autocesta na Koridoru Vc, Drivuša, Bilješevo i Vlakovo
- Idejni projekat Graničnog prelaza "Svilaj", Koridor Vc
- Idejni i Glavni projekat Graničnih prijelaza Klobuk, Karakaj, Šamac, Jasenovac, Vardište i Ivanica
- Glavni projekat barijera za zaštitu od buke na LOT 3, Sarajevska obilaznica, i na poddionici LOT 2 Tarčin - Konjic na Koridoru Vc
- Idejni i Glavni projekat Pošte i Telekoma u Mostaru
- Rekonstrukcija, obnova i adaptacija zgrada pod zaštitom Komisije za zaštitu nacionalnih spomenika BiH, "Krsmanovića zadužbina" i Kučukalića kuća u Brčkom

Konkursi i nagrade:

- Konkurs za objekat Pošte i Telekoma u Mostaru - Idejno rješenje - I nagrada
- Natječaj za Poslovnu zgradu hidroeleketrane na Drini, Višegrad - Idejno rješenje - III nagrada
- Konkurs "Komercijalni, kulturni i parking kompleks", prema Regulacionom planu centra Bijeljine - Idejno rješenje i urbanistički projekat
- Konkurs "Filološki fakultet Nikšić", Crna Gora - idejno rješenje

Centar za održavanje kontrole prometa Sarajevo
Sarajevo Traffic Management and Control Centre

- *Motor- way Section Lašva – Interchange Nević polje*
- *Preliminary and Main Design for Toll Station CP Konjic, Kakanj, Lučani, Odžak, Vukosavlje, Vlakovo, Drivuša, Visoko, Podlugovi and Jošanica, Corridor Vc Motorway*
- *Preliminary and Main Design for Control and Maintenance Centre of Corridor Vc Motorway Drivuša Bilješevo and Vlakovo*
- *Preliminary Design of Border Crossing "Svilaj", Corridor Vc*
- *Preliminary and Main Design of Border Crossing "Klobuk", "Karakaj", "Šamac", Corridor Vc "Jasenovac", "Vardište" and "Ivanica", Corridor Vc*
- *Main Design of Noise Protection Barriers on LOT 3, Sarajevo Bypass, Subsection LOT 2 Tarčin-Konjic, Corridor Vc*
- *Preliminary and Main Design of Post Office and Telecom Facilities in Mostar*
- *Reconstruction, Rehabilitation and Adaptation of Building "Hall Krsmanovića Legacy" in Brčko and Kučukalića House in Brčko*

Competitions and awards:

- *Competition Post Office and Telecom Buildings in Mostar, Conceptual design - I Award*
- *Competition "Office Building Hydropower Plant on Drina River, Višegrad "- Conceptual Design - III Award*
- *Competition "Commercial, Cultural and Parking Complex", According to Regulation Plan of Centre of Bijeljina - Conceptual Architectural and Urban Design*
- *Competition "Faculty of Philology in Nikšić", Montenegro - Conceptual Design*

Urbanistički projekat uređene pješačke ulice 126. Ilijaške brigade / *Urban design of pedestrian street 126th Ilijaš brigade*

Rekonstrukcija i dogradnja Željezničke stanice Doboj
Reconstruction and additional building for Railway Station Doboj

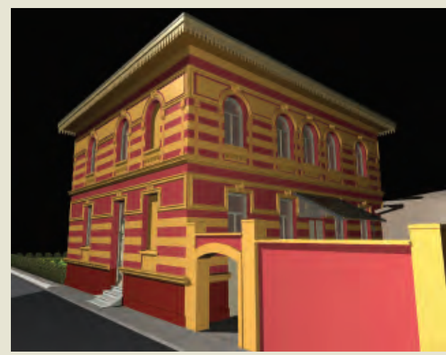
Rekonstrukcija i dogradnja Željezničke stanice Čapljina
Reconstruction and additional building for Railway Station Čapljina

Idejni i glavni projekat objekta Pošte i Telecoma Mostar
Preliminary and main design of the Post Office and Telecom building in Mostar

Rekonstrukcija i adaptacija stare pristanišne zgrade na aerodromu Podgorica
Reconstruction and refurbishment of the terminal building at the Podgorica airport

Regulacioni plan Breza centar
Regulation plan of Breza Town Centre

Regulacioni plan mjesne zajednice Tinja
Regulation plan of local community Tinja



Rekonstrukcija Kučukalića kuće u Brčkom
Rehabilitation of Kučukalić's House in Brčko

IPSA INSTITUT

IPSA ENICOM

IPSA ENICOM

Direktor
Adnan Međedović MBA
Adnan Međedović MBA
Head of ENICOM
Department

IPSA ENICOM pruža konsultantske usluge iz oblasti energije i telekomunikacija. kao i projektantske usluge. Nudimo optimalna rješenja korištenjem naprednih metoda i tehnologija. IPSA ENICOM je posebno fokusiran na obnovljive izvore energije.

Nudimo usluge izrade studija i projekata iz sljedećih oblasti:

- elektro energetska postrojenja
- sistemi za distribuciju električne energije
- rasvjeta
- telekomunikacijski projekti
- sigurnosni sistemi za transportnu infrastrukturu
- kogenerativna postrojenja
- solarne elektrane
- vjetroelektrane

IPSA ENICOM

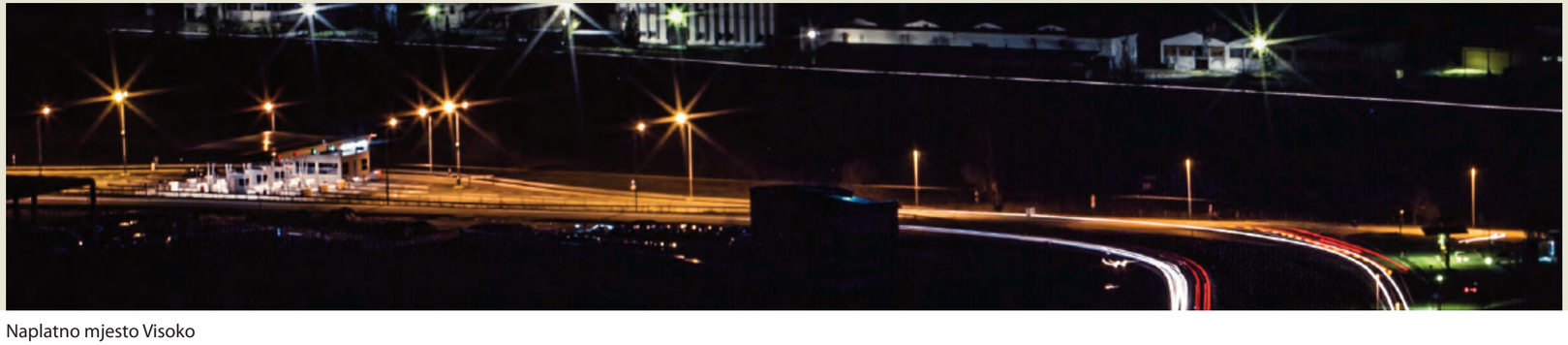
IPSA ENICOM provides energy and communications consulting and design services. We offer optimised solutions arrived at by utilising advanced methods and technologies. IPSA ENICOM is particularly focused on renewable energy sources.

We offer study and design development services in the following areas:

- *Electrical energy facilities*
- *Power distribution systems*
- *Illumination*
- *Telecommunication projects*
- *Safety systems for transport infrastructure*
- *Cogeneration plants*
- *Solar power plants*
- *Wind farms*

Ilustracija projektovanih sistema
Illustration of design systems

Ulična rasvjeta Ilijaš 1
Street illumination Ilijaš 1

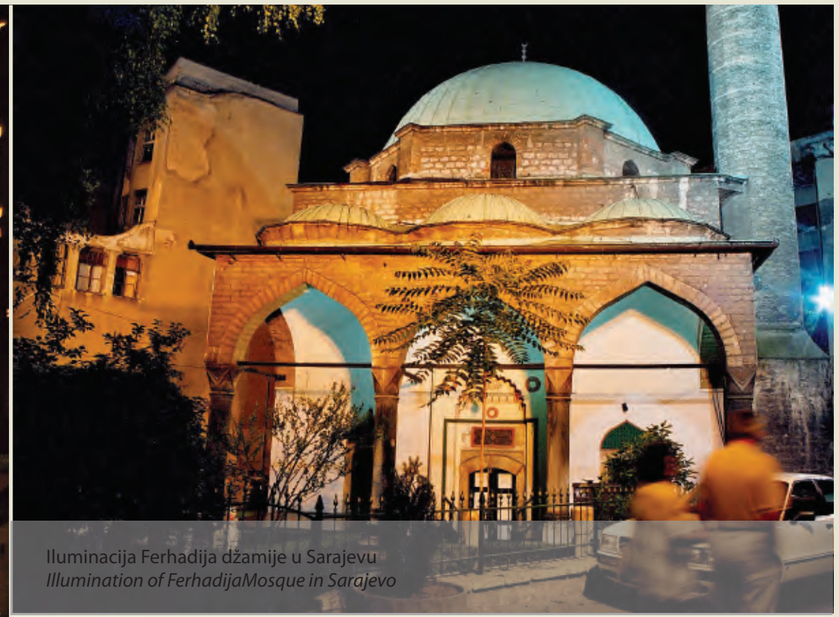


Naplatno mjesto Visoko
Toll station Visoko

- Glavni projekat rasvjete tunela "Javor, Vrbljani, Badanj, Borovac, Huseinov Bor, Jurići, Metaljica, Zukići 1, Zukići 2, Ivan i Kraljevac", autoput u Koridoru Vc, dionica Tarčin- Konjic
- Glavni projekat rasvjete i nisko naponsko napajanje tunela "Vijenac", autocesta Zenica - Sarajevo- Mostar , dionica Drivuša - Bilješevo
- Glavni projekat rasvjete, elektroventilacije i nisko naponsko napajanje tunela Vranduk
- Glavni projekat rasvjete tunela "Mušići" na magistralnoj cesti Izačić - Bihać
- Glavni projekat rasvjete tunela "Gaj, Ban Brdo i Tulica", autocesta Zenica - Sarajevo – Mostar, dionica Vlakovo - Lepenica
- Glavni projekat automatskog upravljanja elektroinstalacija vodovodnog sistema tunela Vijenac
- Glavni projekat rasvjete tunela "Ormanica, Čaklovići, Ustirama"
- Glavni projekat rasvjete tunela "Kupreška vrata, Brdo džamija i Vinac"
- Glavni projekat rasvjete petlje "Lučani i Drivuša", autocesta Zenica - Sarajevo – Mostar, dionica Drivuša-Bilješevo
- Glavni projekat rasvjete petlji " Lepenica, Vlakovo, Odžak, Vukosavlje, Rudanka, Usora", autocesta Koridoru Vc
- Glavni projekat rasvjete I tranverzale u Sarajevu
- Glavni projekat rasvjete Sarajevo Bypass
- Glavni projekat iluminacije biatlon staze na Igmanu
- Glavni projekat elektroinstalacija naplatnih mjesta: "Vukosavlje, Odžak, Rudanka, Usora, Vlakovo, Lepenica", autocesta u Koridoru Vc
- Glavni projekat rasvjete lokalnih cesta u općini Ustikolina
- Glavni projekat elektroinstalacija Careve džamije u Foči
- Glavni projekat elektroinstalacija automatskog upravljanja- vodovod Zenica
- Glavni projekat elektroinstalacija poljoprivrednog centra Zvornik

- *Main Design for Lighting of Tunnels "Javor, Vrbljani, Badanj, Borovac, Huseinov Bor, Jurići, Metaljica, Zukići 1, Zukići 2, Ivan and Kraljevac", on Corridor Vc Motorway, Section Tarčin - Konjic*
- *Main Design for Lighting and Low-voltage Supply for Tunnel "Vijenac", Zenica – Sarajevo - Mostar Motorway, Section Drivuša - Bilješevo*
- *Main Design for Lighting, Electrical Ventilation and Low-voltage Power Supply in Tunnel "Vranduk"*
- *Main Design for Lighting of Tunnel "Mušići" on Main Road Izačić - Bihać*
- *Main Design for Public Lighting of Tunnels "Gaj, Ban Brdo and Tulica", Zenica - Sarajevo - Mostar Motorway Section Vlakovo - Lepenica*
- *Main Design for Automatic Management of Electrical Installations of Water Supply System of Tunnel "Vijenac"*
- *Main Design for Lighting of Tunnels "Ormanica, Čaklovići, Ustirama"*
- *Main Design for Lighting of Tunnels "Kupreška vrata, Brdo džamija and Vinac"*
- *Main Design for Lighting of Interchanges "Lučani and Drivuša", Zenica - Sarajevo – Mostar Motorway, Section Drivuša - Bilješevo*
- *Main Design for Lighting of Interchanges " Lepenica, Vlakovo, Odžak, Vukosavlje, Rudanka, Usora", Corridor Vc Motorway*
- *Main Design for Lighting of The First Transversal Road in Sarajevo*
- *Main Design for Lighting of Sarajevo Bypass*
- *Main Design for Biathlon Path Illumination on Igman*
- *Main Design for Electrical Installations of Toll Stations: "Vukosavlje, Odžak, Rudanka, Usora, Vlakovo, Lepenica", Corridor Vc Motorway*
- *Main Design for Lighting of Local Roads in Ustikolina Municipality*
- *Main Design for Electrical Installations for "Careva Mosque" in Foča*
- *Main Design for Electrical Installations for Automatic Controlling - Water Supply Line Zenica*
- *Main Design for Electrical Installations for Agricultural Centre Zvornik*

Iluminacija Begove džamije u Sarajevu
Illumination of Begova Mosque in Sarajevo



Iluminacija Ferhadija džamije u Sarajevu
Illumination of FerhadijaMosque in Sarajevo

Osvjetljenje mosta Ćumurija u Sarajevu
Illumination of Ćumurija Bridge in Sarajevo

- Glavni projekat elektroinstalacija poslovne zgrade IPSA, Danijela Ozme 4, Sarajevo
- Glavni projekat elektroinstalacija i vanjske rasvjete na bočnim naplatnim stanicama Visoko i Podlugovi na Koridoru Vc
- Glavni projekat elektroinstalacija i vanjske rasvjete čeonog naplatnog mjesta Jošanica
- Glavni projekat elektroinstalacija objekta kontrole leta Podgorica, Crna Gora
- Glavni projekat TA2-BiH-TRA-02: Obnova pruge Podlugovi-Sarajevo, Koridor Vc kontaktna mreža
- Glavni projekat elektroinstalacija na objektima Željeznica Crne Gore u mjestima Nikšić, Danilovgrad, Slap, Stubica i Ostrog
- Glavni projekat signalno sigurnosnih uređaja željezničkih stanica "Ostružnja (km 22+775), "Snjegotina" (km 61+878), Jošavka (km 70+439), "Čelinac" (km 81+007), "Vrbanja" (km 89+300), na dionici pruge Doboj - Banja Luka, električno grijanje skretnica, napajanje iz KM 25 kV 50 Hz, napajanje iz distributivne mreže, niskonaponska kablovska mreža i energetika
- Glavni projekat signalno sigurnosnih uređaja željezničke stanice Banja Luka, dionica: S.Kostajnica – Novi Grad, stanični signalno sigurnosni uređaji sa MZ Banja Luka – Vrbanja, električno grijanje skretnica, napajanje iz KM 25 kV 50 Hz, napajanje iz distributivne mreže, niskonaponska kablovska mreža i energetika
- Glavni projekat signalno sigurnosnih uređaja željezničke stanice "Ševarlije"
- Glavni projekt međustanične zavisnosti S. Kostajnica – Rudanka
- Glavni projekt osiguranja stanice Stanovi sa osiguranjem putnog prelaza Rasadnik (km 12+307,23)" i "Kulaši (km 35+365,75)", S.Kostajnica - Banja Luka
- Glavni projekat komunikacijskih instalacija TMCC Kaonik, na autocesti Lašva - Donji Vakuf, dionica Lašva-Nević polje, poddionica 2 Kaonik - Vitez (8 km)
- Glavni projekat povezivanja javne telekomunikacijske mreže na autocestu u Koridoru Vc, dionica Johovac –Doboj jug
- Glavni projekat telekomunikacijskih instalacija na bočnim naplatnim stanicama Visoko i Podlugovi
- Glavni projekat Video sistemi autocesta u Koridoru Vc, dionica Tarčin - Konjic (21 km)
- Glavni projekat video nadzornog sistema i sistema dojave požara u tunelu Vranduk II
- Glavni projekat zaštite postojećih telekomunikacionih instalacija na dionici autoceste Zenica – Sarajevo – Mostar Vlakovo – Lepenica
- Glavni projekat radio i audio sistema za daljinsko kontrolu i upravljanje u dva tunela na autocesti u Koridoru Vc, dionica Tarčin - Zukići
- Glavni projekat sistema dojave požara 11 tunela na autocesti u Korridoru Vc, dionica Tarčin - Konjic (21 km)
- Glavni projekat srednje naponskog napajanja TS 10(20)/0,4 kV na autocesti u Korridoru Vc, zaštita i izmještanja postojećih elektroenergetskih objekata i instalacija dionica Tarčin - Konjic

- *Main Design for Electrical Installations for IPSA Building, Sarajevo*
- *Main Design for Electrical Installations and Outdoor Lighting on Side Toll Stations "Visoko and Podlugovi", on Corridor Vc*
- *Main Design for Electrical Installations and Outdoor Lighting of Frontal Toll Station Jošanica*
- *Main Design for Electrical Installations for Old Airport Building in Podgorica, Montenegro*
- *Main Design for TA2-BiH-TRA-02:Track Overhaul of Railway Section Podlugovi-Sarajevo, Corridor Vc Overhead Contact Line*
- *Main Design for Electrical Installations in Facilities of Montenegro Railway Corp. in Nikšić, Danilovgrad, Slap, Stubica and Ostrog*
- *Main Design for Signalling and Interlocking System for Railway Stations "Ostružnja (km 22+775), "Snjegotina" (km 61+878), Jošavka (km 70+439), "Čelinac" (km 81+007), "Vrbanja" (km 89+300), on Section Doboj - Banja Luka, Electrical Heating of Rail Points, Supplying from 25 kV 50Hz, Supplying from Distributive Network, Low-voltage Cable Network and Energy*
- *Main Design for Signalling and Interlocking System for Railway Station "Banja Luka", Section S.Kostajnica - Novi Grad, Station Signalling and Interlocking Devices for Interstation Section Banja Luka - Vrbanja, Electrical Heating of Rail Points, Supplying from 25 kV 50Hz, Supplying from Distributive Network, Low-voltage Cable Network and Energy*
- *Main Design for Signalling and Interlocking System for Railway Station "Ševarlije"*
- *Main Design for Interstation Dependence S.Kostajnica - Rudanka*
- *Main Design for Insurance of Railway Stations "Stanovi" with Insurance of Level Crossing Rasadnik (km 12+307,23)"and "Kulaši (km 35+365,75)", S.Kostajnica - Banja Luka*
- *Main Design for Communications Installations in TMCC Kaonik, Placed on Highway Lašva - Donji Vakuf,*
- *Section Lašva - Nević polje, Subsection 2 Kaonik - Vitez (8 km)*
- *Main Design for Connection on Public Telecommunication Network at Corridor Vc Motorway Section Johovac -Doboj jug*
- *Main Design for Telecommunication Installations on Side Toll Stations "Visoko and Podlugovi"*
- *Main Design for IP Automatic Incident Detection Video System Corridor Vc Motorway Section Tarčin - Konjic (21 km)*
- *Main Design for Video Surveillance and Alarm System in Tunnel "Vranduk II"*
- *Main Design for Protecting of the Existing Telecommunication Installations at Motorway Zenica - Sarajevo - Mostar – Vlakovo-Lepenica*
- *Main Design for Radio System and Audio System, as for Remote Control and Management System in Two Tunnels on Corridor Vc Motorway, Section Tarčin - Zukići*
- *Main Design for Fire Alarm System of 11 Tunnels on Corridor Vc Motorway Section Tarčin - Konjic (21 km)*
- *Main Design for Mid-voltage Power Supplying and Transformer Substations 10(20)/0,4 kV Corridor Vc Motorway, as for*

- Glavni projekat srednje naponskog napajanja TS 10(20)/0,4 kV,zaštita i izmještanja postojećih elektroenergetskih objekata i instalacija, na autocesti Lašva - Nević polje
- Glavni projekat srednje naponskog napajanja TS 10(20)/0,4 kV, autocesta Zenica-Sarajevo-Mostar, dionica Drivuša
- Nadzor nad izgradnjom elektroinstalacija na objektu SIPA, Lukavica
- Idejni projekat postrojenja kogeneracije snage 8,2 MW, Natron Hayat
- Idejni projekat solarne elektrane, snage 125 kW, Zetra
- Revizija svih faza glavnog projekta gasovoda Zenica - Travnik
- Glavni projekat elektroinstalacija i vanjske rasvjete čeonog naplatnog mjesta Jošanica
- Glavni projekat elektroinstalacija na objektima Željeznica Crne Gore u mjestima Nikšić, Danilovgrad, Slap, Stubica i Ostrog
- Glavni projekat elektroinstalacija objekta IPSA i IGS Instituta
- Glavni projekat elektroinstalacija i vanjske rasvjete na bočnim naplatnim stanicama Visoko i Podlugovi
- Glavni projekat elektroinstalacija objekta kontrole leta Podgorica
- Projekat osiguranja cestovnog prijelaza "Kulovića Ulica" na pruzi Kakanj - Separacija
- Glavni projekat rasvjete tunela Ormanica, Čaklovići, Ustirama
- Glavni projekat vanjske rasvjete trase i tunela na Obilaznici Sarajevo
- Glavni projekat elektroinstalacija stare aerodromske zgrade u Podgorici
- Glavni projekat javne rasvjete ulica i naselja u Goraždu - II faza
- Glavni projekat rasvjete tunela Kupreška vrata, Brdo džamija i Vinac
- Projekat automatizacije i elektro-instalacija vodovoda

- *Protection and Displacement of Electrical Facilities and Installations, Section Tarčin - Konjic*
- *Main Design for Mid-voltage Power Supplying and Transformer Substations 10(20)/0,4 kV, as for Protection and Displacement of Electrical Facilities and Installations, on Highway Lašva - Nević polje*
- *Main Design for Mid-voltage Power Supplying and Transformer Substation 10(20)/0,4 kV, Motorway Zenica-Sarajevo-Mostar, Section Drivuša*
- *Supervision of the Construction of Electro Installation of Facility SIPA, Lukavica*
- *Preliminary Design Cogeneration Facility 8,2 MW Electrical Installed Power, Natron Hayat*
- *Preliminary Design Solar Electric Power, 125 kW Installed Power, Zetra*
- *Revision of All Phases of Main Design for Main Gas Pipeline Zenica – Travnik*
- *Main Design for electrical installations and external lightning for Front toll station Josanica*
- *Main Design for electrical installations in Montenegro Railways facilities in Niksic, Danilovgrad, Slap, Stubica and Ostrog*
- *Main Design for electrical installations for object of IPSA Institute Sarajevo*
- *Main Design for electrical installations and external lightning on side toll stations in Visoko and Podlugovi*
- *Main Design for electrical installations in Podgorica Airport building*
- *Design documentation for road crossing "Kulovica road" on railway Kakanj – Separacija*
- *Main Design for tunnel lightning for tunnels Ormanica, Caklovici and Ustirama*
- *Main Design for lightning of route, interchanges and tunnels on Sarajevo Bypass*
- *Main Design for electrical installations for flying control object in Podgorica*
- *Main Design for public lightning of streets and settlements in Gorazde - II phase*
- *Main Design for lightning of tunnels Kupreska vrata, Brdo dzamija and Vinac*
- *Main Design for Sarajevo Bypass, section Jošanica - Butila (Mid-voltage supplying and transformer stations 10(20)/0,4 kV). Total number of transformer stations -4.*
- *Main Design for the Object of BH Telecom and BH Post Office in Mostar (TS 10(20)/0,4 kV; 1000 kVA)*

Osvjetljenje mosta "Bosmal" u Sarajevu
Illumination of "Bosmal" Bridge in Sarajevo

- Glavni projekat obilaznica Sarajevo, dionica Jošanica - Butila (Srednjenaponsko napajanje i trafostanice 10(20)/0,4 kV). Ukupan broj trafostanica 4.
- Glavni projekat objekat BH Telekom i BH Pošta u Mostaru (TS 10(20)/0,4 kV; 1000 kVA)
- Glavni projekat rasvjete obilaznice iznad Mostara
- Glavni projekat rasvjete raskrsnica u mjestima Ormanica i Matuzići
- Glavni projekat TS 10(20)/0,10(20) kV DV kV "Crnaja Tunel" sa priključnim 10(20) kV DV
- Glavni projekat TS 10(20)/0,10(20) kV DV kV "Jelašje Tunel" sa priključnim 10(20) kV DV
- Glavni projekat TS 10(20)/0,10(20) kV DV kV "Karaula Tunel"
- Glavni projekat TS 10(20)/0,4 kV "Granični Prijelaz Bosanski Šamac"
- Idejni projekat za 96 trafo stanica na Autocesti na Koridoru Vc; LOT 1 i LOT 2, dionica Svilaj - Doboj (jug) - Sarajevo (Srednjenapnsko napajanje i trafostanice 10(20)/0,4 kV)
- Glavni projekat I transverzala - Sarajevo; Izmještanje EE instalacija
- Glavni projekat rasvjete raskrsnica za Maglaj i Žepče
- Glavni projekat rasvjete saobraćajnica u Goraždu - I faza
- Glavni projekat rasvjete tunela Karaula
- Glavni projekat TS 10(20)/0,4 kV za granične prijelaze: Jasenovac, Orašje, Vardište, Ivanica, Klobuk, Gorica, Kamensko, Karakaj
- Izvedbeni projekat javne rasvjete pješačke ulice 126. Ilijaške brigade
- Glavni projekat elektro instalacija i rasvjete za granične prijelaze: Klobuk, Karakaj Kamensko i Gorica
- Glavni projekat javne rasvjete na saobracajnici Tuzla – Šicki Brod
- Glavni projekat elektroinstalacija i rasvjete objekta Državne granične službe Sarajevo
- Glavni projekat osiguranja putnih prijelaza na pruzi Zenica – Sarajevo
- Glavni projekti napajanja (TS 10(20)/0,4 kV) tunelske rasvjete na putnoj mreži RS (Tuneli: Brčigovo,Čeljigovići, Ljučevo, Nezuci, Sijeračke Stijene, Sokolica I, Sokolica II i Vatrište)
- Idejni i Glavni projekat rasvjete tunela (8km) na putnoj mreži RS
- Glavni projekat elektroenergetskih instalacija objekta Državnog suda u Sarajevu
- Glavni projekat javne rasvjete V transferzale u Sarajevu
- Glavni projekat KBTS 10(20)/0,4 kV "Sikola Tunel", (Maglaj)
- Glavni projekat MBTS 10(20)/0,4 kV "Vrtovi" (Orašje)
- Glavni projekat rasvjete petlje Vogošca
- Glavni projekat rasvjete petlji Podlugovi, Jošanica, Visoko

- *Main Design TS 10(20)/0,10(20) kV long-distance power line kV "Crnaja Tunnel" with connecting 10(20) kV long-distance power line*
- *Main Design TS 10(20)/0,10(20) kV long-distance power line kV "Jelašje Tunnel" with connecting 10(20) kV long-distance power line*
- *Main Design TS 10(20)/0,10(20) kV long-distance power line kV "Karaula Tunnel"*
- *Main Design TS 10(20)/0,4 kV "Border Crossing Bosanski Šamac"*
- *Preliminary Design for 96 transformer stations on Corridor Vc Motorway; LOT 1 and LOT 2, section Svilaj - Doboj (jug) - Sarajevo (Mid- voltage supplying and transformer stations 10(20)/0,4 kV).*
- *Main Design for displacement of electric power installations on The First Transversal in Sarajevo*
- *Main Design TS 10(20)/0,4 kV for border crossing points: Jasenovac, Orašje, Vardište, Ivanica, Klobuk, Gorica, Kamensko, Karakaj*
- *Main Design for lightning of interchanges for Maglaj and Zepce*
- *Main design for lighting of roads in Goražde -I phase*
- *Main design for lighting of tunnel Karaula*
- *Man design TS 10(20)/0,4 Kv for border crossings Jasenovac, Orašje, Vardište, Ivanica, Klobuk, Gorica, Kamensko, Karakaj*
- *Detailed design of public lighting for 126. Ilijaške brigade pedestrian street*
- *Main design of electrical installations and lighting for border crossing : Klobuk, Karakaj Kamensko and Gorica*
- *Main Design for public lighting on the road Tuzla - Sicki Brod*
- *Main Design for the State Border Service Headquarters Building*
- *Main Design: Assurance of traffic crossings on the railway Zenica – Sarajevo*
- *Main Designs for supplying of (TS 10(20)/0,4 kV) tunnel lightning on road network of Republic Srpska (Tunnels: Brčigovo, Čeljigovići, Ljučevo, Nezuci, Sijeračke Stijene, Sokolica I, Sokolica II and Vatrište)*
- *Preliminary and Main Design for the tunnel lighting (8km) on the road network in Republic of Srpska*
- *Main Design: Electric power installation in the facilities of Judiciary Premises in Sarajevo*
- *Main Design: Public lighting for fifth transversal in Sarajevo*
- *Main Design KBTS 10(20)/0,4 kV "Sikola Tunnel", (Maglaj)*
- *Main Design MBTS 10(20)/0,4 kV "Vrtovi" (Orašje)*
- *Main Design: Lighting for the interchange Vogosca*
- *Main Design: Lighting of interchanges Podlugovi, Jošanica, Visoko*
- *Main Design: Lighting of the tunnels "Sikola I" and "Sikola II"*
- *Main Design: Lighting of the tunnels "Vranduk I" and "Vranduk II"*
- *Main Design MV cable line TS 10(20)/0,4 kV "Carina" - TS 10/0,4 kV "Carina" (Orašje)*
- *Main Design MV cable line TS 10(20)/0,4 kV "Jug I-B" - TS 10-20/0,4 kV "Vrtovi" (Orašje)*
- *Main Design MV cable line TS 10(20)/0,4 kV "Vrtovi" - TS 10/0,4 kV "Mehanika II" (Orašje)*
- *Main Design STS 10(20)/0,4 kV "Interchange Jošanica" (Vogošća-Sarajevo)*
- *Main Design TS 110/10 kV "Orašje" - TS 10/0,4 kV "Mehanika I" (relocation part of route)*

- Glavni projekat rasvjete tunela "Sikola I" i "Sikola II"
- Glavni projekat rasvjete tunela "Vranduk I" i "Vranduk II"
- Glavni projekat SN kablovska veza TS 10(20)/0,4 kV "Carina" - TS 10/0,4 kV "Carina" (Orašje)
- Glavni projekat SN kablovska veza TS 10(20)/0,4 kV "Jug I-B" - TS 10- 20/0,4 kV "Vrtovi" (Orašje)
- Glavni projekat SN kablovska veza TS 10(20)/0,4 kV "Vrtovi" - TS 10/0,4 kV "Mehanika II" (Orašje)
- Glavni projekat STS 10(20)/0,4 kV "Petlja Jošanica" (Vogošća- Sarajevo)
- Glavni projekat TS 110/10 kV "Orašje" - TS 10/0,4 kV "Mehanika I" (izmještanje dijela trase)
- Glavni projekat uklapanje TS 10(20)/0,4 kV "Vrtovi" u postojeću NN mrežu (Orašje)
- Glavni projekat ŽTS 10(20)/0,4 kV "Vranduk Tunel", sa priključnim 10(20) kV DV (Zenica)
- Glavni projekti sanacije elektroinstalacije objekata željeznickih stanica u Doboju, Modrici, Bosanskom Šamcu, Zvorniku, Capljini
- Glavni projekat rasvjete tunela Ciglane
- Glavni projekat rubne rasvjete aerodromske stajanke i rulnice na aerodromu "Dubrave" Tuzla
- Glavni projekat vanjske rasvjete Pionirske doline
- Idejno rješenje napajanja terminala za tečne tereta Brčko
- Glavni projekat elektroenergetskih instalacija objekta lakirnice GRAS-a
- Glavni projekat elektroenergetskih instalacija objekta Sorting centra i Hibridne pošte u Sarajevu, Investitor PTT BiH
- Glavni projekat iluminacije sjeverne fasade Zemaljskog muzeja Sarajevo
- Glavni projekat vanjske rasvjete i elektroinstalacija za potrebe ulazne kapije SFOR-a
- Glavni projekat vanjske rasvjete rubnih naselja Opštine Stari Grad
- Glavni projekat elektroenergetskih instalacija objekta BIHAMK centra – Šip
- Glavni projekat: Javna rasvjeta grada Bihaća
- Glavni projekat elektroenergetskih instalacija objekat Pošte u Nišićima
- Glavni projekat elektroenergetskih instalacija objekta BIHAMK centra – Bihać
- Glavni projekat iluminacije Šeher Ćehajine ćuprije Sarajevo
- Glavni projekat: Rasvjeta gradskog auto-puta Sarajevo
- Glavni projekat sanacije i i rekonstrukcije elektroenergetskih instalacija objekata hala za popravak pružnih postrojenja u Mostaru ("Zalik"), Sarajevu ("Alipašin most") i u Zenici
- Glavni projekat sanacije i rekonstrukcije elektroenergetskih instalacija Fakulteta za sport Sarajevo
- Javna rasvjeta grada Sarajeva
- Osvijetljenje džamija Ferhadija i Gazihusrevbegova u Sarajevu
- Osvjetljenje Katedrale u Sarajevu

- *Main Design embedding of TS 10(20)/0,4 kV "Vrtovi" into existing LV network (Orašje)*
- *Main Design ŽTS 10(20)/0,4 kV "Vranduk Tunnel", with connecting 10(20) kV long-distance power line (Zenica)*
- *Main Design: Rehabilitation of electrical installations in facilities of railway stations in Doboj, Modrica, Bosanski Samac, Zvornik, Capljina*
- *Main Design: lighting of tunnel Ciglane, Sarajevo*
- *Main Design: Edge lighting of airport apron and taxiway at the airport "Dubrave" Tuzla*
- *Main Design: External lighting of "Pionirska dolina"*
- *Conceptual Design for power supply of terminal for fluid loads in Brčko*
- *Main Design for electric power installation for Lacquer Finishing Shop of GRAS Sarajevo*
- *Main Design: Electric power installations in Sorting Centre and Hybrid Post Office in Sarajevo, Investor PTT BiH*
- *Main design of Illumination of north facade of the National Museum Sarajevo*
- *Main Design: External lighting and electric installations for main entrance for SFOR*
- *Main Design: External Lighting of edge settlements of Old Town Municipality*
- *Main Design for electric power installations for the Object of BIHAMK Center – Šip*
- *Main Design: Public Lighting for Town Bihać*
- *Main Design for electric power installations for Post Office Building in Nišići*
- *Main Design for electric power installations for the Object of BIHAMK Center – Bihać*
- *Main Design for lightning of Šeher Ćehajina Bridge in Sarajevo*
- *Main Design: Lighting for City Highway in Sarajevo*
- *Main Design for rehabilitation and reconstruction of electric power installations for the hall for rehabilitation of rail's vehicles in Mostar ("Zalik"), Sarajevo ("Alipašin most") and in Zenica*
- *Main Design for rehabilitation and reconstruction of electric power installations for Faculty for sport in Sarajevo*
- *Public Lighting for City of Sarajevo*
- *Lighting for "Ferhadija" and "Gazihusrefbegova" Mosques in Sarajevo*
- *Lighting for Cathedral in Sarajevo*
- *Lighting for Bridge in Orašje*
- *Lighting of Bojnik-Reljevo Road*
- *Main Design 35 kV long-distance power line: Visoko - Kiseljak (cabling)*
- *Main Design 35 kV cable line: TS 110/10 kV "Azići" - TS 10/0,4 kV "Energoinvest - Stup"*
- *Main Design for electric power installations for Control-measuring Centre Pašino brdo in Sarajevo*
- *Main Design MV cable line: TS 110/10 kV "Azići" - TS 10/0,4 kV "RTC Halilovići" Sarajevo*
- *Main Design: Lighting of Bosnia River Spring Complex*
- *Preliminary Design: Lighting of Ilidža-Hrasnica road*

- Rasvjeta mosta Orašje
- Rasvjeta puta Bojnik-Reljevo
- Glavni projekat 35 kV DV: Visoko - Kiseljak (kabliranje)
- Glavni projekat 35 kV kablovska veza: TS 110/10 kV "Azići" – TS 10/0,4 kV "Energoinvest - Stup"
- Glavni projekat elektroenergetskih instalacija objekta Kontrolno- mjerni centar Pašino brdo u Sarajevu
- Glavni projekat SN kablovska veza: TS 110/10 kV "Azići" - TS 10/0,4 kV "RTC Halilovići" Sarajevo
- Javna rasvjeta kompleksa Vrela Bosne
- Idejni projekat: Rasvjeta puta Ilidža-Hrasnica
- Glavni projekat elektroenergetskih instalacija oobjekta autobuske i željezničke stanice Mostar
- Electrifikacija željezničkih pruga:
  - Sarajevo - Ploče
  - Sarajevo - Doboj - Vrpolje
  - Doboj - B.Novi - Sunja
  - B.Novi - Bihać - Knin
  - Kosovo
  - Beograd – Plana
- Istraživanje i regulisanje projekata izgradnje pruga velikih brzina na bivšoj ZJŽ
- Tramvajska pruga u Sarajevu
- Tramvajska pruga u Osjeku (Hrvatska)
- Trolejbuska linija u Sarajevu
- Željeznički čvor Kutina
- Daljinsko napajanje pruge Stanari – Ukrina
- Uzemljenje i gromobran transformatorskih stanica u Tuzli, Mostaru, Trebinju, Sarajevu
- Uzemljenje industrijskog kompleksa Željezare Zenica
- Rasvjeta lučkog terminala rasutih tereta u Pločama
- Instalacije za napajanje energijom u naseljima:
  - Hrast - Jajce
  - Koran - Pale
  - Igman - Konjic
- kompleks željezničke stanice Sarajevo

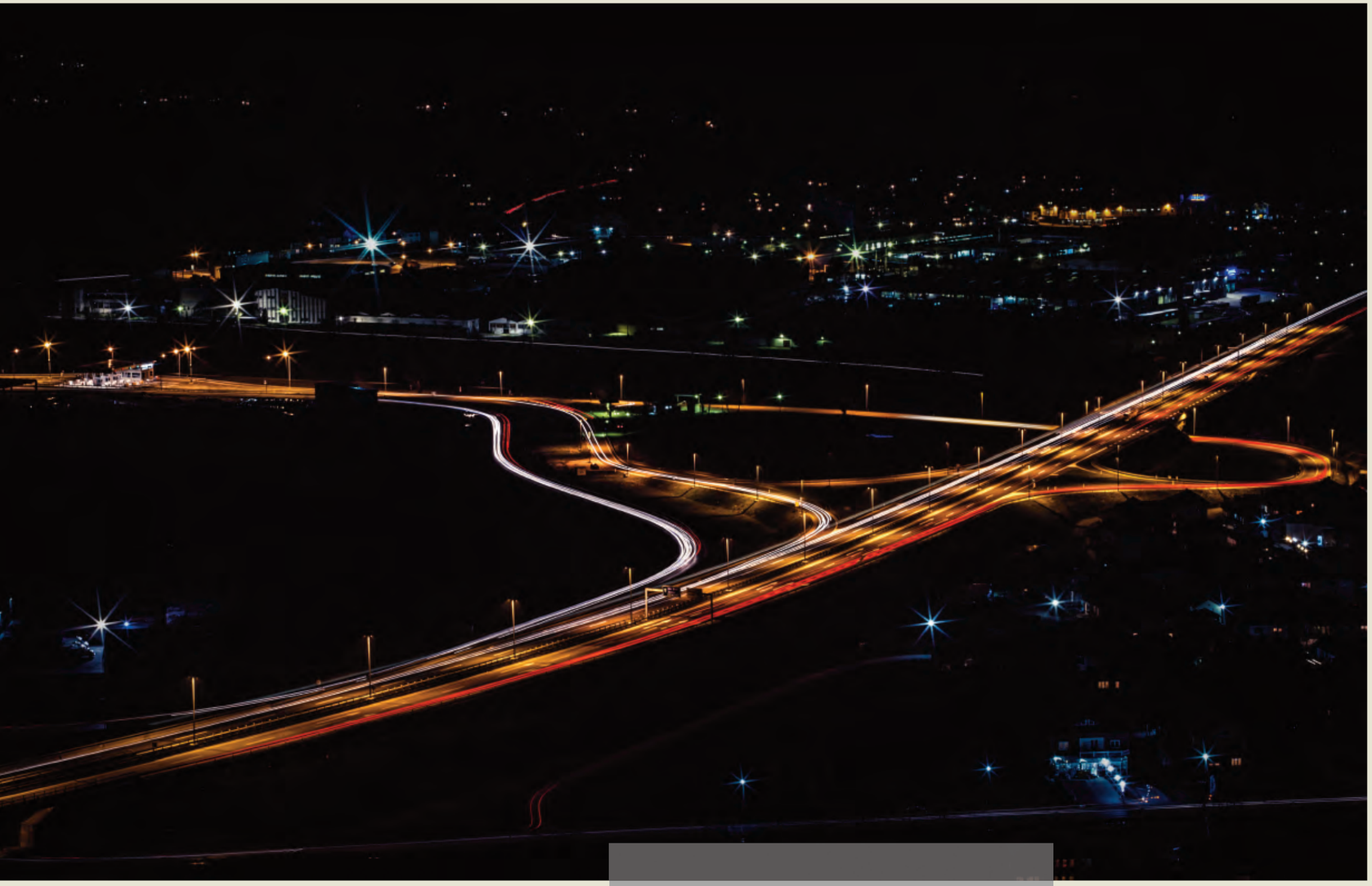
Iluminacija Katedrale u Sarajevu
Illumination of the Cathedral in Sarajevo

- *Main Design for electric power installations for Bus and Railway Stations in Mostar*
- *Electrification of railway lines:*
  - *Sarajevo - Ploče*
  - *Sarajevo - Doboj - Vrpolje*
  - *Doboj - B.Novi - Sunja*
  - *B.Novi - Bihać - Knin*
  - *Kosovo railway*
  - *Beograd – Plana*
- *Study and regulations for design and construction high-speed railways on ex-Yugoslav railways*
- *Tramway line in Sarajevo*
- *Tramway line in Osijek (Croatia)*
- *Trolley bus line in Sarajevo*
- *Railway junction Kutina*
- *Long distance power supply line Stanari – Ukrina*
- *Ground and lighting rod protection on transformer stations in. Tuzla, Mostar, Trebinje, Sarajevo*
- *Grounding of industrial complex of iron factory Zenica*
- *Lighting of port terminal of bulk cargo in Ploče*
- *Power supply installations for settlements:*
- *Hrast - Jajce*
- *Koran - Pale*
- *Igman - Konjic*
- *complex Railway station Sarajevo*
- *Olympic facilities in Sarajevo (Trebević, Igman, Bjelašnica, Jahorina)*
- *building CPP - ŽTP Sarajevo*
- *trade centre Visoko*
- *Power supply for railway line Misurata - Brak – Sebha*
- *Lighting of Tripoli-standard and solemnly*

Telecommunications

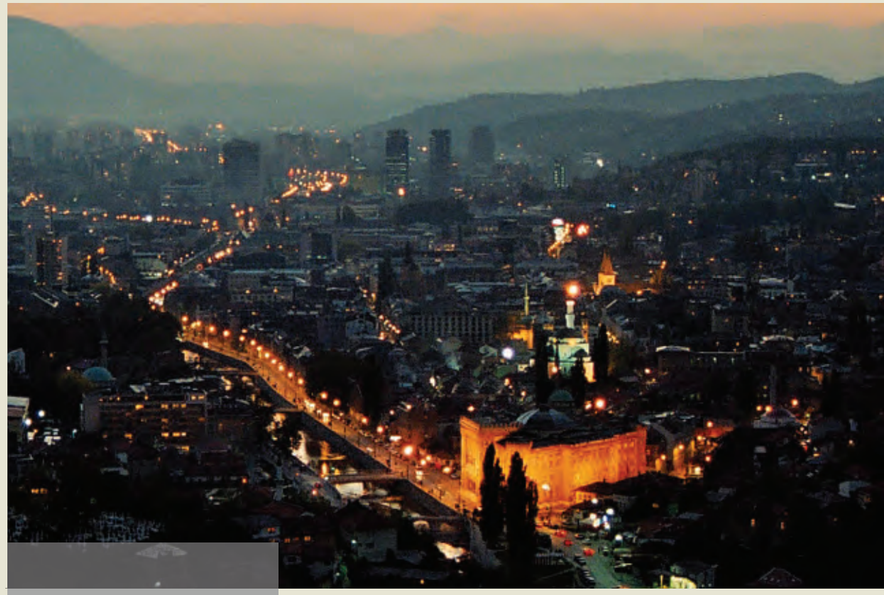
- *Main Design for channelling of telecommunication trenches along Sarajevo bypass*
- *Main Design for optical cable along Sarajevo bypass*
- *Main Design for variable message signs on Sarajevo Bypass*

Kontaktna mreža za trolejbuse u Sarajevu
Trolleybus overhead contact line in Sarajevo



Rasvjeta petlje Visoko
Illumination of interchange Visoko

Most Festina lente / *Festina lente bridge*



Rasvjeta grada Sarajeva
Illumination of Sarajevo

Kontaktna mreža na željeznici /
Railway overhead contact line

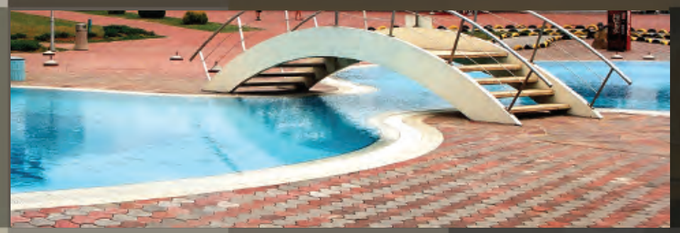
Kontaktna mreža za trolejbuse u Sarajevu
Trolleybus overhead contact line in Sarajevo

Signalizacija na željezničkoj pruzi
Railway signalling system

Tramvajska mreža u Sarajevu
Tramway in Sarajevo

- Olimpijska borilišta u Sarajevu (Trebević, Igman, Bjelašnica, Jahorina)
- zgrada CPP - ŽTP Sarajevo
- trgovinski centar Visoko
- Napajanje pruge Misurata - Brak – Sebha
- Rasvjeta – standardna i svečana – u Tripoliju
- **Telekomunikacije**
- Glavni projekat kablovske kanalizacije za telekomunikacione kablove na Obilaznici Sarajevo
- Glavni projekat optičkog kabla na Obilaznici Sarajevo
- Glavni projekat svjetlosno promjenjive prometne signalizacije na Obilaznici Sarajevo
- Glavni projekat telefonsko- pozivnog sistema (SOS tlefoni) na Obilaznici Sarajevo
- Projekat sistema naplate cestarine bočnog naplatnog mjesta Podlugovi
- Projekat sistema naplate cestarine bočnog naplatnog mjesta Visoko
- Projekat sistema naplate cestarine čeonog naplatnog mjesta Jošanica
- Glavni projekat kablovske kanalizacije za TK kablove na Obilaznici Sarajevo
- Idejni projekat izmještanja TKkablova na trasi Koridora Vc
- Idejni projekat kablovske kanalizacije za telekomunikacione kablove na Koridoru Vc
- Idejni projekat svjetlosno- promjenjive prometne signalizacije i naplate cestarine na Koridoru Vc
- Idejni projekat telefonsko-pozivnog sistema (SOS telefoni) na Koridoru Vc
- Glavni projekat: insta lacije struktuirane mreže, integrisani nadzorni sistem, sistem zaštite od požara, sistem kontrole pristupa, sistem protuprovale, sistem video nadzora i sistem razglasa i evakuacije za objekte: BH Pošte i BH Telekoma u Mostaru, Granične policije BiH u Sarajevu
- Glavni projekat instalacija slabe struje za granične prijelaze: Karakaj, Kamensko, Klobuk, Gorica, Vardište, Ivanica, Jasenovac, Šamac
- Opremanje pruga i službenih mjesta sa SS-uređajima, daljinskim upravljanjem saobraćaja i daljinskog upravljanja električnom vučom:
  - Misurata - Brak – Sebha
  - B.Novi – Knin
  - Kosovo
  - Doboj – Tuzla
  - čvorovi Sarajevo, Kutina i drugi
- Svjetlosni signali u Sarajevu
- Automatski sistemi daljinskog upravljanja vodosnabdijevanjem u Cetinju, Igman – Bjelašnica, Srbac i drugi
- Telekomunikacije na prugama
  - Doboj - B.Novi
  - Lešak - Đ. Janković
  - Sunja - B.Novi
  - Doboj – Tuzla
  - Živinice – Zvornik
  - B.Novi - Bihać – Knin
- Lokalne PTT mreže u: Crkvini, Bihaću, B. Otoci, Blagaju, Ugljeviku, Martinske Ves i drugi
- Međulokalni PTT kablovi:
  - Cazin - V.Kladuša
  - Cazin - Srbljani
  - B.Novi - Blatna i ostali

- *Main Design for phone-calling system (SOS phones) along the Sarajevo Bypass*
- *Main design for toll system for side toll station Podlugovi*
- *Toll collection system on side toll station Visoko*
- *Design for toll payment system for Front toll station Josanica*
- *Main Design for cable channelling for telecommunication cables on Sarajevo Bypass*
- *Preliminary Design for displacement of telecommunication cables on Corridor Vc Motorway route*
- *Preliminary Design for variable message signs and toll collection system on Corridor Vc Motorway*
- *Preliminary design of telephone-call system (SOS phones) on Corridor Vc*
- *Main Designs for: installations of structural network, integrated supervising systems, fire-protection systems, access control system, anti- theft system, video surveillance system, public address and evacuation system for buildings: BH Post and BH Telecom in Mostar and State Border Police building in Sarajevo*
- *Main Design for telecommunication and computer network installations for Border crossing points: Karakaj, Kamensko, Klobuk, Gorica, Vardište, Ivanica, Jasenovac, Šamac*
- *Equipping of railways and office places with signalling – protection facilities, traffic remote control, remote control of installations of electric tracking for railway lines:*
  - *Misurata - Brak - Sebha*
  - *B.Novi - Knin*
  - *Kosovo railways*
  - *Doboj - Tuzla*
  - *junctions Sarajevo, Kutina and others*
- *Automatic, remote control for water supply: Cetinje, Igman, Bjelašnica, Srbac and others*
- *Telecommunication on railway lines:*
  - *Doboj - B.Novi*
  - *Lešak - Đ. Janković*
  - *Sunja - B.Novi*
  - *Doboj - Tuzla*
  - *Živinice - Zvornik*
  - *B.Novi - Bihać – Knin*
- *Local PTT networks: Crkvina, Bihać, B. Otoka, Blagaj, Ugljevik, Martinske Ves and others*
  - *Inter-local PTT cables:*
  - *Cazin - V.Kladuša*
  - *Cazin - Srbljani*
  - *B.Novi - Blatna and others*



IPSA INSTITUT

IPSA INŽENJERING

IPSA ENGINEERING

Direktor
Zijo Ligata dipl. inž.

Zijo Ligata Dipl. Ing.
Head of ENGINEERING
Department

IPSA INŽENJERING

Aktivnosti IPSA Inženjeringa obuhvataju konsultantske usluge upravljanja projektima i nadzora nad izvođenjem radova. To su:

- Upravljanje projektima
- Stručni nadzor nad izvođenjem građevinskih, konstruktivnih, elektro, mašinskih, radova na sistemima odvodnje, tretmana otpadnih voda itd.
- Ugovori o izgradnji "ključ u ruke"
- Administracija i finansijsko upravljanje ugovorima o izgradnji
- Izrada i implementacija planova za osiguranje kvaliteta
- Provjera usklađenosti radova sa standardima o sigurnosti
- Izrada uputstava i procedura za radove na održavanju

IPSA ENGINEERING

IPSA ENGINEERING'S scope of activities includes consulting services in the fields of project management and construction supervision, as follows:

- *Project management*
- *Expert supervision of construction, structural, electrical and mechanical works, as well as works related to drainage systems and waste water treatment etc.*
- *Turnkey construction contracts*
- *Administration and financial management of construction contracts*
- *Drafting and implementation of quality assurance plans*
- *Verification of compliance of works with safety standards*
- *Development of maintenance work manuals and procedures*

Autoput na koridoru Vc, dionica: Lepenica-Suhodol, Most M2
Corridor Vc Motorway, section: Lepenica-Suhodol, bridge M2

Temelj mosta M2 dionica: Lepenica-Suhodol
Foundation of bridge M2, section: Lepenica-Suhodol

Most M1dionica: Lepenica-Suhodol
Bridge M1, section: Lepenica-Suhodol

Most M1, dionica: Lepenica-Suhodol
Bridge M1, section: Lepenica-Suhodol

- Nadzor nad izgradnjom AC Koridor Vc, dionica Kakanj - Drivuša
- Nadzor građevinskih radova i okolišni monitoring na sanaciji cesta u FBiH, LOT 2
- Nadzor nad sanacionim radovima na magistralnoj cesti M 18, at km 22 + 800, naselje Bogatići, Općina Trnovo
- Okvirni sporazum s Općinom Centar Sarajevo za poslove nadzora na projektima održavanja transportne i komunalne i stambene infrastrukture (održavanje ulica sa rješavanjem odvodnje, distributivni cjevovod u zoni rezervoara Grdonj i distributivna mreža u zoni naselja Grdonj, dvije zgrade sa kompletnom infrastrukturom)
- Nadzor nad obnavljanjem magistralnih cesta u FBiH – lot 2 (16 dionica na putevima M17, M18, M4)
- Nadzor nad sanacijom škarpi na cesti M18, dionica Kladanj – Olovo
- Nadzor nad izgradnjom AC Koridor Vc, dionica Dobrinje – Visoko L= 7,6 km
- Nadzor nad izgradnjom AC Koridor Vc, dionica Kakanj – Dobrinje in L= 9,60 km
- Rekonstrukcija I remont pruge na dionici Konjic-Čapljina – Državna granica L= 100 km
- Konsultantske usluge i nadzor nad radovima remonta pruge na dionici, Jošavka-Kostajnica

  L= 64 km
- Konsultantske usluge i nadzor nad radovima remonta pruge na dionici Banja Luka-Jošavka, L= 25 km
- Konsultantske usluge i nadzor nad radovima remonta pruge na dionici Konjic-Bradina-L=30 km
- Nadzor nad radovima izrade gornjih asfaltnih slojeva na magistralnoj cesti M-5, dionica Hrenovica - Kaljani u dužini 2,0 km

- *Supervision Works on Construction of Motorway on Corridor Vc, Section Kakanj - Drivuša*
- *Supervision of Civil Works and Environmental Monitoring on Rehabilitation of Roads in FB&H, LOT 2*
- *Supervision and Rehabilitation Works on Road Body Settling of Main Road M 18, at km 22 + 800, Bogatići Settlement, Trnovo Municipality*
- *Framework Agreement with Municipality Centar Sarajevo, for Supervision Works in the Area of Maintenance of Transport and Public Utility Infrastructure (Maintenance of Roads with Drainage Processing, Distribution Pipeline in the Zone of Reservoir Grdonj and Distributive Network Grdonj Settlement, Two Buildings with Complete Infrastructure)*
- *Supervision of Rehabilitation of Main Roads in FB&H, 16 Sections on M17, M18 and M4*
- *Supervision of Rehabilitation of Main Road M 18 Edges, Section Kladanj - Olovo*
- *Supervision of the construction of motorway section Dobrinje – Visoko L= 7,6 km*
- *Supervision of the construction of motorway section Kakanj – Dobrinje in L= 9,60 km*
- *Reconstruction and Overhaul of Track on the Section Konjic-Čapljina – State Border L= 100 km*
- *Reconstruction and Overhaul of Track on the Section Jošavka-Kostajnica, L= 64 km*
- *Reconstruction and Overhaul of Track on the Section Banja Luka-Jošavka, L= 25 km*
- *Reconstruction and Overhaul of Track on the Section Konjic-Bradina-L=30 km*
- *Supervision on Construction of Top Asphalt Layers on Main Road M5, Section Hrenovica - Kaljani, L = 2,0 km*

Autocesta Sarajevo – Zenica, dionica Dobrinje - Kakanj - nadzor nad izgradnjom
Motorway Sarajevo - Zenica, section Dobrinje - Kakanj - supervision of construction works

Most Jasenovac preko rijeke Une - nadzor nad rekonstrukcijom
Bridge Jasenovac over the Una River - supervision of reconstruction works

Željeznički most Volinja - nadzor nad rekonstruckcijom
Railway Bridge Volinja - supervision of reconstruction works

Nadzor nad sanacijom klizišta Velika Brusnica - Odžak
Rehabilitation of landslide Velika Brusnica near Odžak – supervision

Nadzor nad sanacijom klizišta Marina Pećina
Supervision of rehabilitation of landslide Marina Pećina

Gore desno - Sanitarna deponija Mošćanica - nadzor nad izgradnjom
Up right - Sanitary Landfill Mošćanica - supervision of construction works

Nadzor nad rekonstrukcijom rudničke stanice Kakanj - Vrtlište
Supervision of reconstruction works on mine railway station Kakanj – Vrtlište

Termalna Rivijera na Ilidži - nadzor nad izgradnjom
Thermal Riviere Ilidža - supervision of construction works

Hotel Holiday Inn - nadzor nad rehabilitacijom
Holiday Inn Hotel - supervision of rehabilitation works

Poslovni centar Unitic u Sarajevu - nadzor nad rekonstrukcijom
Business Center Unitic - supervision of reconstruction works

- Rekonstrukcija cesta i ulica i rješavanje prateće infrastrukture (odvodnja, vodovod, kanalizacija) u naseljima Šip, Grdonj, Panjina kula, Soukbunar, Bjelave, Koševsko brdo, Nahorevo, Nahorevska brda
- Nadzor nad izvođenjem radova na rekonstrukciji petlje u Odžaku na ukrštanju M-14.1, dionica Jakeš - Svilaj i ulica Novo naselje i Industrijska zona
- Nadzor nad sanacijom mosta preko r. Bosne na ulazu u grad Kakanj
- Nadzor nad izgradnjom mosta u Delijšima, na putu Koridor Ustikolina - Garež
- Projektantski nadzor nad sanacijom stuba cestovnog mosta preko r. Save u Brčkom
- Nadzor nad ponovnom uspostavljanju željezničke infrastrukture u BiH – Opravka napajanja i kontaktne mreže
- Glavni projekat kolosijeka (Velika opravka) i signalizacije željezničkih pruga u BiH duž Koridora Vc, dionica Sarajevo-Bradina
- Glavni projekat rekonstrukcije željeznica na dionicama Pan-evropskog Koridora Vc, dionice: Sarajevo-Bradina (41km) i Šamac-Doboj (62 km)
- Glavni projekat rekonstrukcije i opravke gornjeg stroja pruge Beograd – Bar Railway, dionica Bijelo polje – Kruševo – Mijatovo kolo i Mojkovac – Trebaljevo (45,5km)
- Glavni projekat opravke pruga Konjic-Čapljina-državna granica, i Jošavka – Kostajnica
- Nadzor nad izgradnjom graničnog prelaza Domaljevac/Bosanski Šamac
- Sanacija 9 stanica i radionica na prugama BiH
- Kompletiranje postojećih sistema osiguranja u stanicama Šamac, Modriča, Koprivna gornja
- Signalno-sigurnosni sistem stanica Miloševac, Ševarlije
- Signalno-sigurnosni sistem stanice Ostružnja
- Signalno-sigurnosni sistem stanica Snjegotina, Jošavka, Čelinac, Vrbanja
- Signalno-sigurnosni sistem putnog prelaza"Ljeb" km 30+190
- Signalno-sigurnosni sistem putnog prelaza "Kulaši" km 35+365
- Signalno-sigurnosni sistem putnog prelaza "Incel" u km 91+316; Signalno-sigurnosni sistem stanice Banja Luka
- Signalno-sigurnosni sistem putnog prelaza "Rasadnik" u km 12+307 (lociran između signala upozorenja i ulaznog signala u stanici"Stanovi")
- Sistem grijanja u stanici "Stanari"
- Projekat signalno-sigurnosnih sistema u Republici Srpskoj
- Signalno-sigurnosni sistem na 11 putnih prelaza na pruzi Sarajevo-Zenica i dvije stanice "Prisoje"i "Stanari"

- *Reconstruction of the Roads and Streets and Solving of Related Public Infrastructure (Drainage, Water, Sewage) in Settlements Šip, Grdonj, Panjina kula, Soukbunar, Bjelave, Koševsko brdo, Nahorevo, Nahorevska brda*
- *Supervision on Reconstruction Works on Interchange in Odžak, Intersection of M14.1, Section Jakeš - Svilaj and Streets Novo naselje and Industrijska zona*
- *Supervision of Rehabilitation Works on Bridge over River Bosna, near Kakanj*
- *Supervision of Bridges Construction in Delijaši and Jabuka, Corridor Ustikolina - Garež*
- *Supervision of Rehabilitation of Bridge Pillar of Road Bridge over Sava River in Brčko*
- *Supervision of Re-establishment of Railway Infrastructure in BH – Repair of Power Supply and Overhead Contact Line*
- *Main design of Reconstruction of Tracks (Major Overhaul) and Signalling of Railway Lines in B&H Along the Corridor Vc, Section Sarajevo-Bradina*
- *Main Design for Reconstruction of Railway Sections on the Pan European Corridor Vc, Sections: Sarajevo-Bradina (41km) and Šamac-Doboj (62 km)*
- *Main Design for the Reconstruction and Overhaul of the Superstructure of Beograd – Bar Railway Line, Section Bijelo polje – Kruševo – Mijatovo kolo and Mojkovac – Trebaljevo (45,5km)*
- *Main Design of the Overhaul for the Railway Lines Konjic-Čapljina-State Border, and Jošavka – Kostajnica*
- *Supervision over the Construction of Domaljevac/Bosanski Šamac Border Crossing Point*
- *Rehabilitation of Nine Stations Building and Workshops on Railway BiH*
- *Completion of the Existing Interlocking System at the Station Šamac, Modriča, Koprivna gornja*
- *Interlocking of the Station Miloševac, Ševarlije*
- *Interlocking of the Station Ostružnja*
- *Interlocking of the Stations Snjegotina, Jošavka, Čelinac, Vrbanja*
- *Interlocking of the Level Crossing "Ljeb" at km 30+190*
- *Interlocking of the Level Crossing "Kulaši" at km 35+365*
- *Interlocking of the Level Crossing "Incel" at km 91+316; interlocking of the station Banja Luka*
- *Interlocking of the Level Crossing "Rasadnik" at km 12+307 (Located Between the Caution Signal and the Entry Signal of the Station "Stanovi")*
- *Point Heating System at the Station "Stanari"*
- *Project of Signalling System in the Republic of Srpska*

- Signalno-sigurnosni uređaji i međustanična zavisnost (MZ) Čelinac – Vrbanja– Banja Luka,
- Međustanična zavisnost S.Kostajnica – Rudanka (Stanovi)
- Telekomunikacioni sistemi u stanici Zenica
- Sanacija 195 km telekomunikacionog kabla Doboj-Dobrljin
- Obnova ili djelimična rekonstrukcija za puštanje u pogon elektro energetskih objekata: elektrovučna podstanica Blažuj, 110/25 kV, 3 x 7,5 mVA; elektrovučna podstanica Dobrinje, 110/25 kV, 2 x 7,5 mVA; elektrovučna podstanica Zenica, 110/25 Kv 2 x 7,5 mVA; elektrovučna podstanica Zavidovići, 110/25 kV, 2 x 7,5 mVA; stanica napajanja energijom Rajlovac, 25 kV; stanica napajanja energijom Maglaj, 25 kV
- Nadzor nad sanacijom klizišta Stupari na cesti Šićki Brod – Sarajevo
- Nadzor nad sanacijom klizišta Gojsalići i Bosansko Grahovo
- Nadzor nad izgradnjom zgrade Raiffeisen Bank Sarajevo
- Nadzor nad izgradnjom ureda (SIPA) Istočno Sarajevo
- Nadzor nad ugradnjom bojlera za sistem grijanja u biznios centru UNITIC
- Nadzor nad izgradnjom stambenih objekata za izbjeglice u ulici Sepetarevac
- Nadzor nad izgradnjom pješačkih staza ulica Vilsonovo Šetalište, Sarajevo
- Ekonomska i pravna podrška za projekat vodosnabdijevanja u dolini rijeke Save
- Konsultantske usluge i nadzor nad remontom pruge Konjic - Čapljina i Jošavka - Kostajnica i osiguranja stanica duž ovih pruga

Objekti željezničke infrastrukture:

- drugi kolosjek dvokolosječne pruge Doboj-Zenica u dužini od 80km
- modernizacija pruge B. Novi- Doboj od 180km
- modernizacija pruge Sunja-B. Novi od 40km
- modernizacija pruge Lesak-Đ.Janković na Kosovu
- modernizacija pruge B. Novi- Bihać-Knin od 178km
- izgradnja pruge Tuzla-Zvornik od 45km sa dodatnim objektima (tunel Križevići od 4.911m)
- Željeznički čvor Sarajevo
- Željeznički čvor Kosovo Polje
- Stanična zgrada Mostar
- rekonstrukcija stanične zgrade Sarajevo
- zgrada centralne postavnice Sarajevo

- *Signaling-safety Installation on Eleven Road Crossing of Sarajevo-Zenica Railway and Two Stations "Prisoje" and "Stanari"*
- *Station Signalling Devices with Interstation Dependence System (MZ) Čelinac – Vrbanja – Banja Luka,*
- *Interstation Dependence System S.Kostajnica – Rudanka (Stanovi)*
- *Telecommunication Installation of Zenica Station*
- *Rehabilitation of 195 km Telecommunication Cable Doboj-Dobrljin*
- *Renewing or Partial Reconstruction for Putting in Operation of Following Electric Power Facilities: Electric Traction Substation Blažuj, 110/25 kV, 3 x 7,5 mVA; Electric Traction Substation Dobrinje, 110/25 kV, 2 x 7,5 mVA; electric traction substation Zenica, 110/25 kV 2 x 7,5 mVA; electric traction substation Zavidovići, 110/25 kV, 2 x 7,5 mVA; supply point Rajlovac, 25 kV; supply point Maglaj, 25 kV*
- *Supervision of Rehabilitation Works on Landslide Stupari, Main Road Šićki Brod - Sarajevo*
- *Supervision of Rehabilitation Works on Landslides in Gojsalići and Bosansko Grahovo*
- *Supervision of the Construction of Raiffeisen Bank Building Complex in Sarajevo*
- *Supervision of the Construction of State Investigation and Protection Agency (SIPA) Head Office Building in Eastern Sarajevo*
- *Supervision of Installation of Boiler for Heating System in Business Center UNITIC*
- *Construction of the Residential Building for Refugees in Sepetarevac Street*
- *Supervision on Construction of Pedestrian Foot Paths in Vilsonovo Šetalište Street, Sarajevo*
- *Economical and Legal Support for Water Supply Project for Sava River Basin*
- *Consultant Services and Surveillance for Overhaul of Railway Line Konjic - Čapljina and Jošavka - Kostajnica, and for Electronic Insurance for Railway Stations Along Mentioned*

Railways infrastructure facilities:

- *80 km of Doboj - Zenica second track for a double-track line*
- *modernisation of B. Novi - Doboj railway line, 180 km*
- *modernisation of 40 km Sunja - B.Novi railway line*
- *modernisation of Lesak - Dj.Janković railway line at Kosovo*
- *modernisation of B.Novi - Bihać - Knin railway line, 178 km*
- *construction of 45 km of Tuzla - Zvornik railway line, with auxiliary facilities (Križevići tunnel, length 4.911m)*
- *Sarajevo railway junction*

- zgrada centra daljinskog upravljanja u Kosovu Polju
- centrala željezničke automatske telefonije u Sarajevu
- izgradnja radionica za održavanje kola i lokomotiva u Prijedoru, Banja Luci i Rajlovcu

Objekti ZOI '84 Sarajevo

- rekonstrukcija stadiona "Koševo" - infrakonstrukcija i sistem rasvjete
- staza za brzo klizanje ZETRA
- olimpijska borilišta na Jahorini, Bjelašnici i Igmanu
- skakaone 70m i 90m na Malom Polju, Igman

Objekti od uticaja na okoliš

- glavni gasovod Zvornik-Sarajevo
- distributivna mreža gasa za grad Sarajevo
- konverzija toplana u Sarajevu
- postrojenje za preradu kanalizacije u gradu Sarajevu

Ostali objekti

- druga faza izgradnje željezare Zenica
- autobuski depo "Centrotransa" Sarajevo
- rekonstrukcija ulica u gradu Sarajevu
- izgradnja ceste-obilaznice oko Sarajeva
- peta faza izgradnje TE Kakanj
- dio infrastrukture luke Brčko
- sistem telemetrije i snabdijevanja vodom grada Sarajeva
- rekonstrukcija i modernizacija fabrike "Natron" u Maglaju
- izgradnja ceste Brodar (Višegrad)-Rudo

- *Kosovo Polje railway junction*
- *Mostar railway station building*
- *reconstruction of Sarajevo railway station building*
- *Sarajevo central switch-control building*
- *Kosovo Polje central remote control building*
- *Sarajevo railway automatic telephone switchboard*
- *construction of workshops for maintenance of carriages and locomotives in Prijedor, B.Luka and Rajlovac*

Sarajevo Winter Olympic Games facilities

- *reconstruction of "Koševo" stadium - infrastructure and lighting system*
- *ZETRA speed skating ring*
- *Olympic venue facilities at Jahorina, Bjelašnica and Igman*
- *90 mtrs and 70 mtrs ski jump at Malo Polje, Igman*

Environmental facilities

- *main gas pipeline Zvornik - Sarajevo*
- *city distribution gas network in Sarajevo*
- *conversion of boiler houses in Sarajevo*
- *sewage treatment plant of Sarajevo City*

Other facilities

- *construction of second phase of Steel Mill Zenica*
- *Centrotrans Sarajevo bus depot*
- *reconstruction of Sarajevo City streets*
- *construction of Sarajevo ring road*
- *construction of Kakanj thermal - power plant - fifth phase*
- *part of Brčko port infrastructure*
- *telemetry of water supply system of Sarajevo City*
- *reconstruction and modernization of "Natron" Maglaj factory*
- *construction of 20 kms Brodar (Višegrad) - Rudo road*

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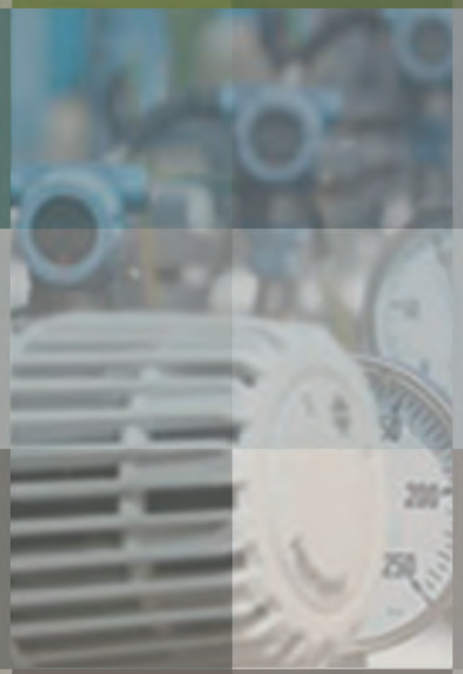
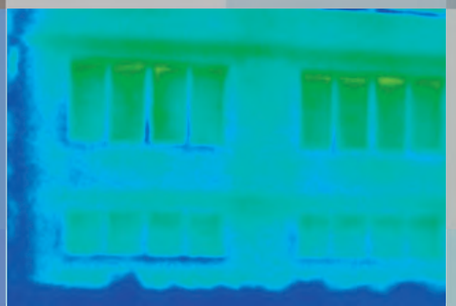




Uvod
Riječ direktora

Osnovna odrednica u djelovanju i razvoju CETEOR-a bila je i ostaje kvalitet, bilo da se radi o kvalitetu proizvoda i usluga, kvalitetu vlastitih kadrova ili kvalitetu uslova rada.

Dragan Ajanović, dipl.ing.

Generalni direktor
General Director

U proteklih 22 godine svoga rada CETEOR je bio vođen idejom da svoje projekte i usluge realizira uz primjenu savremenih dostignuća nauke na siguran i okolinski prihvatljiv način. Pri tome smo, pored predanog rada na zadovoljenju potreba svojih kupaca, uvijek vodili računa i o interesima šire društvene zajednice i principima njenog održivog razvoja.

Osnovna odrednica u djelovanju i razvoju CETEOR-a bila je i ostaje kvalitet, bilo da se radi o kvalitetu proizvoda i usluga, kvalitetu vlastitih kadrova ili kvalitetu uslova rada. Na još uvijek neuređenom tržištu poslova iz oblasti okolinskog inženjeringa i energijske efikasnosti (EE), ovakvo opredjeljenje se kratkoročno gledajući ponekad čini pogubnim. Ali, dugoročno gledajući, ipak mislimo da će kvalitet ipak biti ključni faktor u izgradnji povjerenja kupaca i izboru dobavljača ovih usluga.

U tom smislu očekujemo da će procesi približavanja naše zemlje EU između ostalog podrazumijevati mnogo veću odgovornost svih učesnika u kreiranju i implementaciji politike okoliša i EE, bez obzira da li se radi o nadležnim institucijama ili davaocima konsultantskih usluga iz ovih oblasti.

Kada je riječ o poslovnim partnerima, CETEOR želi da ostvaruje poslovnu saradnju sa svima koji u svojoj poslovnoj orijentaciji imaju opredjeljenja slična našim opredjeljenjima.

Kada je riječ o kupcima naših usluga, želja nam je da gradimo dugoročne odnose na bazi kontinuirane pomoći u rješavanju okolinskih problema i problema iz oblasti EE sa kojima se naši kupci susreću.

Smatramo da smo dosadašnjim radom i rezultatima pokazali da možemo biti pouzdan partner u realizaciji najsloženijih projekata iz oblasti okolinskog inženjeringa i EE.

Na kraju, ili na početku, želja nam je da stvorimo ugodan i motivirajući ambijent za naše postojeće i buduće uposlenike, kako bi privukli i zadržali one najbolje, na kojima će počivati budući razvoj i uspjeh CETEOR-a.

Introduction
Word from director

The primary determinant of activities and the development of CETEOR was and remains the quality, whether it comes to the quality of products and services, the quality of their own staff or the quality of work conditions.

CETEOR's leading idea in the past 22 years of its work has been to use the modern scientific achievements to implement its projects and services, in a safe and environmental friendly way. Besides devoted work to satisfy the needs of its clients, the interests of wider community and principals of its sustainable development have also been taken into account.

The primary determinant of activities and the development of CETEOR was and remains the quality, whether it comes to the quality of products and services, the quality of their own staff or the quality of work conditions. On still disordered market of environmental engineering, such commitment sometimes seems destructive in short-term frame, but in the long-term perspective, we believe that the quality will be the key factor in building the trust of clients and selection of service providers.

Accordingly, we expect that the process of bringing our country closer to EU will also call for greater responsibility of all participants in creating and implementing environmental policy, regardless of whether it is a relevant institution or service providers in the area of environmental engineering that have been involved. When it comes to its business associates, CETEOR wishes to cooperate with all those who have similar business orientation.

As far as the buyers of our services are concerned, we wish to build long-term relations based on continuous assistance in dealing with environmental problems and challenges they encounter through their activities.

We believe that our work and results so far have proved that we can be a reliable partner in the implementation of most complex projects in the area of environmental engineering.

Lastly, or firstly, it is our wish to provide comfortable and motivating ambiance for our present and future employees, in the aim of attracting the best, those who will be the bearers of the future development and success of CETEOR.

Istorijat CETEOR-a

CETEOR-a je osnovan na incijativu prof. dr Aleksandar Kneževića 1992. godine, u vrijeme početka rata u BiH. U početnom periodu CETEOR je bio angažovan u realizaciji mnogih, tada aktuelnih i važnih, projekata. Među njima je važno pomenuti projekat podrške u izradi programa razvoja Elektroprivrede BIH, seminar o metodologiji procjene ratne štete, projekte procjene ratne štete za nekoliko strateških preduzeća u Sarajevu itd. U saradnji sa Regionalnom privrednom komorom Sarajevo CETEOR je organizovao više predavanja iz oblasti održivog razvoja, te izdao dvije knjige – «ABC procjene ratne štete nanešene imovini» i «Održvi razvoj u obnovi i razvoju Bosne i Hercegovine».

U periodu nakon rata, CETEOR je bio značajnije angažiran na edukaciji i u izdavaštvu. Izdat je Lekiskon "Okoline/Okoliša/životne sredine" i šest knjiga u okviru biblioteke «Biznis i okolina», koje su pripremljene i štampane uz pomoć donatora. U ovom periodu razvoja preduzeća CETEOR je imao značajnu podršku «Soroš fondacije». Nakon 2000. godine CETEOR učestvuje u projektima EU i drugih međunarodnih organizacija koji se odnose na izgradnju sposobnosti države na planu zaštite okoline, te učestvuje u pripremni domaćih zakona i propisa iz ove obalsti. Kroz ove aktivnosti stasali su i razvijali se prvi stručni timovi CETEOR-a, koji su u narednom periodu bili sposobni da realiziraju značajne projekte iz oblasti okoliša i EE. U doba implementacije okolinskog zakonodavstva, nakon 2003. godine, dolazi do dadatnog ubrzanja razvoja CETEOR-a.

U maju 2006. godine izvršena je dokapitalizacija CETEOR-a od strane IPSA Instituta, vodeće kompanije u oblasti inženjeringa u saobraćaju u BiH. Istovremeno sa dokapitalizacijom uspostvaljen je novi menadžment preduzeća. Nakon dokapitalizacije IPSA Institut postaje većinski vlasnik CETEOR-a, dok prvobitni osnivači zadržavaju svoj udio uz promjenjeno (umanjeno) relativno učešće u ukupnoj vlasničkoj strukturi kompanije.

Ulazak CETEOR-a u sastav IPSA grupacije daje značajan impuls u razvoju CETEOR-a. Osim povećanja kapitala preduzeća, ovom dokapitalizacijom su stvoreni uslovi za dodatnu sinergiju fleksibilnosti male firme i snage velike firme koja u mnogim aspektima daje dodatnu sigurnost i garanciju daljnjeg uspješnog razvoja CETEOR-a.

Kao direktna posljedica ove dokapitalizacije došlo je do privlačenja novih stručnih kadrova i boljeg pozicioniranja preduzeća na tržištu usluga okolišnog inženjeringa i EE. To je u konačnici rezultiralo rastom prometa i podizanjem tržišnog ugleda firme.

Zahvaljujući ovakvim pozitivnim trendovima, stvoreni su uslovi za veće ulaganje u razvoj postojećih i regrutiranje novih kadova, te za ulazak u intenzivniji razvoj u drugim komplementarnim oblastima. Tu se prije svega misli na razvoj grupe za energijsku efikasnost (EE) i grupe za mjeriteljstvo, te snaženje sektora edukacije. Pored ovih oblasti CETEOR je krajem 2013 godine uspostavio i novu radnu jedinicu EKO CET, u okviru koje se obavlja zastupanje i promet opremom i materijalima svetski poznatih proizvođaća opeme i materijala koji se koriste u zaštiti okoliša i okolinskom mjeriteljstvu.

History of CETEOR

Initiator of the establishment of CETEOR was Professor Aleksandar Knežević in 1992 (begging of the war in Bosnia and Herzegovina). He had been engaged in many important projects. The most important were the Project of preparation of program for Elektroprivreda BH, seminar on methodology for war damage estimation, as well as the Project of war damage estimation for several companies from. In cooperation with Regional Chamber of Commerce Sarajevo CETEOR had organized many lectures on sustainable development and had issued two books – "ABC of estimation of war damage to property" and "Sustainable development in reconstruction and development of Bosnia and Herzegovina".

In the post war period CETEOR has been significantly engaged in education and publishing and has been supported by "Soros foundation". Environmental lexicon and six books within edition "Business and environment" had been prepared and issued with the help of donators. After 2000 CETEOR has been participating in projects related to capacity building in the area of environmental protection funded by EU and other international organizations and in preparation of national environmental legislation. All of these activities enabled development of first expert teams of CETEOR, which were later on capable for realization of important environmental protection projects. After environmental legislation had been enacted, after 2003, development of CETEOR became even faster.

In May 2006 IPSA Institute, leading company in traffic engineering in BH recapitalized CETEOR. IPSA Institute became majority share holder of CETEOR, while primarily founders kept their share with decreased relative share ratio in total ownership.

Entering into IPSA group gave CETEOR significant development encouragement. Besides capital growth this recapitalization enabled fulfilment of conditions for additional synergy of small company flexibility and strength of large company, which in many aspects has been giving additional security and warrant of further successful development of CETEOR.

Direct benefit of this recapitalization is attraction of new expert staff and better positioning of the company on environmental engineering market. It resulted in increased turnover and market reputation.

Thanks to these positive trends, conditions for greater investment into development of existing and hiring new staff have been created, as well as possibility to enter into the phase of more intensive development in other complementary areas.

It primarily refers to energy efficiency and metrology group, and strengthening education sector. These three areas represent three main development directions of CETEOR in future period and together with achieved development level in the area of environmental engineering it will determine scope of engagement of CETEOR in the future medium term period.

Osvajanje novih područja

CETEOR se razvija tako što stalno otvara nova područja rada. Bili smo pioniri u izradi studija uticaja na okolinu više dionica autoputa Vc, te studija uticaja na okolinu prvih budućih vjetroleketrana u BiH. CETEOR je uspješno organizirao više seminara sa ciljem jačanja svijesti o potrebi podizanja energetske efikasnosti u privredi i zgradarstvu. CETEOR je institucija koja je ovlaštena od nadležnog Ministarstva za obuku lica koja mogu vršiti energijske preglede objekata, a također i kao institucija koja može vršiti energijske preglede i certificiranje objekata na svim razinama složenosti instaliranih sistema. Istovremeno se kontinuirano jača segment mjeriteljstva, posvećujući pri tome punu pažnju osiguranju kvaliteta mjerenja. CETEOR se nalazi pred akreditacijom svoje laboratorije (prema standardu ISO 17025) za mjerenje emisija iz velikih ložišta i buke, a u narednom periodu se planira akreditacija i za ostala područja u mjeriteljstvu.

Od samih početaka, osnivači CETEOR-a su bili vođeni vizijom da CETEOR postane firma sa dominantnim znanjima u stručnim oblastima vezanim za njeno polje djelovanja. To praktično znači da bude sposobna da educira i druge koji se interesiraju i djeluju u datim obalstima, da pruža usluge recenzije i revizije projekata urađenih od strane drugih stručnih organizacija i konsultanata, ako i da osigurava kvalitet mjerenja drugih subjekata.

Danas, svoje poslovne aktivnosti CETEOR realizira kroz sektore: okoliš, energija, laboratorija, edukacija i EKO CET.

CETEOR Sarajevo

OKOLIŠ ENERGIJA LABORATORIJA EDUKACIJA EKO CET

Conquering new areas

CETEOR develops introducing new areas of its activities. We were pioneers in preparation of environmental impact studies for several sections of Vc highway, and environmental impact studies for the first future wind farms in BH. CETEOR successfully organized a number of seminars to arise awareness on energy efficiency increase in economy and building construction. In the same time, environmental metrology had been pushed forward as well, stressing the significance of measuring quality assurance.

From the very beginning, CETEOR founders had been led by a vision of CETEOR as a company with dominant know-how in expert areas related to its field of interest.

It actually means to make CETEOR competent in education of others interested and involved in certain areas, to review projects made by other expert organizations and consultants, and to assure quality of measurements under taken by other companies.

Today, its business activities realized through CETEOR sectors: environment, energy, metrology, education and ECO CET.

Okoliš

Sektor okoliša čini multidisciplinarni tim što omogućava pružanje konsultantske pomoći iz različitih oblasti zaštite okoliša. Naše usluge obuhvataju:

- Studije o procjeni uticaja na okoliš, Planove aktivnosti i Planove upravljanja otpadom za potrebe dobijanja Okolinske dozvole
- Strateške procjene okoliša i Studije ranjivosti prostora
- Okolinski due diligence i određene socijalne analize prema smjernicama EBRD, WB/IFC, UNIDO i drugih razvojnih banaka i organizacija
- Planove prilagođavanja za deponije, Studije o procjeni uticaja na okoliš za postrojenja za prečišćavanje otpadnih voda
- Planove upravljanja građevinskim otpadom za potrebe dobijanja Urbanističke saglasnosti
- Okolinski nadzor kod izvođenja građvinskih radova
- Praktična rješenja vezano za savremene tehnologije u oblasti upravljanja otpadom u uobičajenim i vanrednim situacijama
- Izvještaje o stanju sigurnosti, Planove sprečavanja nesreća velikih razmjera i Unutrašnje planove intervencija za Investitore koji upravljanju sa opasnim materijama
- Konsultantske usluge u oblasti sistema upravljanja
- Podrška institucijama države u izradi legislative, strategija i planova iz oblasti zaštite i unapređenja okoliša i klimatskih promjena
- Izradu Studija i Elaborata prema specifičnim zahjevima klijenta u oblasti okoliša

Studija uticaja na okoliš za TE Kakanj blok 8 / *Preliminary Environmental Impact Assessment Study for Thermal Power Plant Kakanj block 8, JP EPBIH*

Studija uticaja na životnu sredinu za TE Stanari / *Study of the environmental impact of thermal power plants Stanari*

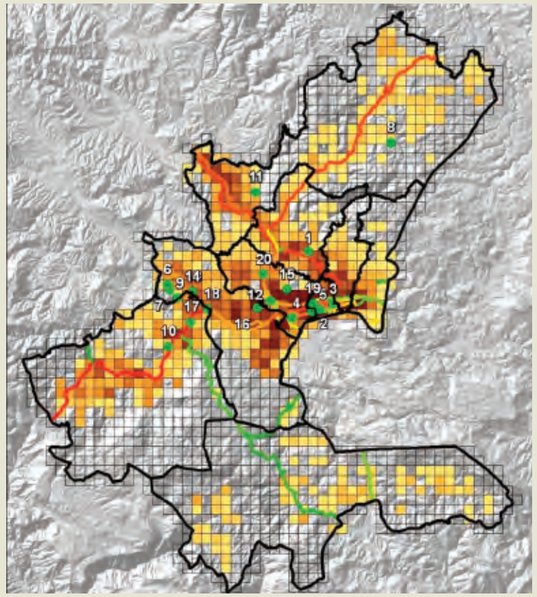
Environment

The Environmental Department consists of multi-disciplinary team which enables provision of consulting services for different fields of environment. Our services comprise of:

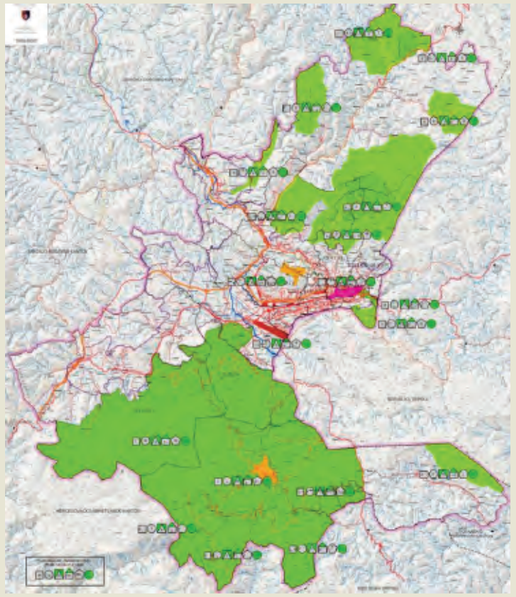
- *Environmental Impact Assessment Studies, Management Plans for the purpose of obtaining environmental permits*
- *Strategic Environmental Assessment and Vulnerability Studies as part of Spatial plans Environmental due diligence and social analysis according to EBRD, WB/IFC, UNIDO and requirements of other institutions*
- *Adaptation plans for landfills*
- *Environmental supervision during execution of large infrastructure projects*
- *Proposing practical solutions related to modern technology in the field of waste management in normal and emergency situations*
- *Tracking and informing clients with the latest trends in the field of environmental protection and current legal obligations*
- *Reports on the status of safety, large scale accident prevention plans and internal emergency plans for investors who manage hazardous substances*
- *Consulting in the field of management systems*
- *Construction waste management plans*
- *Support for state institutions in drafting of legislation, strategies and plans in the field of protection and improvement of the environment and climate change*
- *Preparation of studies and reports according to specific needs of the customers in the field of environment*

Studija uticaja na okoliš za HE Vranduk, JP EPBIH / *Preliminary Environmental Impact Assessment Study for Hydro Power Plant Vranduk, JP EPBIH*

Prethodna procjena uticaja na okoliš za HE Ulog / *Preliminary Environmental Impact Assessment Study for Hydro Power Plant Ulog, EFT Group*



Registar emisija zagađujućih materija u zrak za Kanton Sarajevo / *Registry of pollutants emission into air for Canton Sarajevo*



Strategijska procjena okoliša Kantona Sarajevo / *Strategic Environment Assessment of the Sarajevo Canton*

Plan okolinskih i društvenih aspekata za Aerodrom Sarajevo prema smjernicama / *Environmental and Social Action Plan for International Airport Sarajevo in accordance with EBRD directives in cooperation with SEA Aeroporti di Milano*

REFERENCE OKOLIŠ:

- Zahtjev za okolinsku dozvolu za Una Gas
- Izvještaj okolinskog i društvenog audita; Akcioni plan za okoliš i društvo; Plan uključivanja zainteresovanih strana; Okolinska i društvena analiza sistema daljinskog grijanja u opštini Pale
- Plan upravljanja građevinskim otpadom za projekat sanacije i rekonstrukcije stadiona za brzo klizanje Zetra
- Plan upravljanja građevinskim otpadom za brzu cestu Lašva-Donji Vakuf, dionica Lašva-petlja Nević Polje, poddionica 2 Kaonik-Vitez
- Plan aktivnosti za potrebe dobijanja okolinske dozvole za MEDIMPEX
- Aktivnosti u identifikaciji i implementaciji IPPC Direktive
- GAP Analiza prema smjernicama EBRD-a projektne i ostale dokumentacije za HE Ulog
- Procjena uticaja na okoliš za HE Ustikolina
- Registar emisija zagađujućih materija u zrak za Kanton Sarajevo
- Studija uticaja na okoliš za sanaciju deponije Višnjik u Gradačcu
- Plan upravljanja građevinskim otpadom za Bosnalijek
- Plan upravljanja građevinskim otpadom za projekat izgradnje dionice autoceste „Vlakovo - Lepenica“ na trasi koridora Vc za JP Autoceste FBiH
- Plan upravljanja građevinskim otpadom za projekat izgradnje dionice autoceste „Tarčin- Konjic“ na trasi Koridora Vc
- Nacionalni plan postepenog iskuljučenja iz upotrebe supstanci koje oštećuju ozonski omotač
- Izrada Prethodne procjene/zahtjeva za izdavanje okolinske dozvole i Studije o procjeni uticaja na okoliš „EURO EXIM“ d.o.o. Breza
- Učešće eksperata CETEOR-a na izradi i nacionalnog izvještaja o klimatskim promjenama
- Izrada dijela zaštita okoliša za urbanističku dozvolu: Mjere zaštite okoliša za pogon proizvodno-poslovni objekat za montažu i reparaciju vodomjera i laboratorije za verifikaciju vodomjera za „VMS GROUP“ doo Sarajevo
- Ekspertize za pregled okolinskih uslova projekat koridora Vc
- Nadzor i okolinski monitoring za potrebe rekonstrukcije željeznicke pruge u FBiH
- Nadzor i okolinski monitoring tokom rekonstrukcije magistralnog puta u FBiH dionica Tuzla – Orašje
- Okolinski due diligence (dubinska analiza)-procjena koristi, obaveza i odgovornosti vezanih uz moguću kupnju udjela društva Aluminium Compleks Mostar
- Izrada Brošure „Sistem okolinskog upravljanja ISO 14001“, PEPSE/IFC/WB

ENVIRONMENT

- *An application for an environmental permit for „UNA GAS“*
- *Environmental and Social Audit Report, Environmental and Social Action Plan, Stakeholder Engagement Plan, Environmental and Social Analyses of the district heating system in municipality of Pale, Bosnia and Herzegovina*
- *Construction waste management plan for the project of rehabilitation and reconstruction of the stadium for a quick slide Zetra*
- *Design of construction waste managing and construction material stockpiles for highway Lasva - Donji Vakuf, station Lasva - interchange Nevic Polje, subsection: interchange Kaonik – interchange Vitez*
- *Plan activities for a purpose of providing environmental permit for facilities MEDIMPEX*
- *Activities in the identification and implementation of IPPC Project*
- *Environmental and Social Due-Diligence (ESDD) Gap Analysis Report for HPP Ulog, Bosnia and Herzegovina, against EBRD Environmental and Social Policies*
- *Environmental Impact Assessment Study for HPP Ustikolina, Bosnia and Herzegovina*
- *Registry of pollutants emission into air for Canton Sarajevo*
- *Environmental Impact Assessment for Landfill rehabilitation in Gradacac*
- *Construction Waste Management Plan for Bosnalijek*
- *Construction Waste Management Plan for the project of construction of the motorway section “Vlakovo - Lepenica” on Corridor Vc for JP Autoceste*
- *Construction Waste Management Plan for the project of construction of the motorway section “Tarcin-Konjic” on Corridor Vc*
- *National Plan for the gradual phasing out the use of substances that deplete the ozone layer*
- *Previous assessment / requirements for the issuance of environmental permits and studies on environmental impact assessment for “EURO EXIM” Breza*
- *Participation of CETEOR’s experts on the development of the National Report on climate change*
- *Project for urban permit: Environmental protection measures for a production-driven business object assembly and repair of water meters and laboratories for verification of water meters for “VMS GROUP” doo Sarajevo*
- *Expertise to review the environmental conditions of the project corridor Vc*
- *Monitoring and environmental monitoring for the reconstruction of the railway in the FBiH*
- *Monitoring and environmental monitoring during the reconstruction of the main road in the Federation shares Tuzla – Orasje*

- Okolinski due diligence za moguću kupnju hotela Holiday Inn, član tima Merrill Lynch International
- Studija snižavanja emisije iz "Termoelektrane Kakanj"
- Studija ranjivosti prostora općine Bihać
- Studija ranjivosti prostora za FBiH
- Studija uticaja na životnu sredinu za TE Stanari
- Analiza usklađenosti BiH legislative iz oblasti reciklaže otpada za potrebe Svjetske banke IFC
- Izrada tehničkog uputstva za očuvanje kvaliteta zraka u KS za pekare, benzinske pumpe, pržionice kafe i objekte za pripremu hrane
- Ocjena uticaja djelatnosti koja je predmet koncesije na životnu sredinu – za potrebe izgradnje vjetroelektrana za VJETROENERGETIKU BH
- Ocjena uticaja djelatnosti koja je predmet koncesije na životnu sredinu – za potrebe izgradnje vjetroelektrana za ENERGY 3
- Osnivanje Regionalnog Centra za Okolinsko Upravljanje i Informisanje u saradnji sa Unverzitetom u Bolonji i UNESCO – ROSTE
- Audit Sistema okolinskog upravljanja prema ISO 14001 kao član tima Lloyd Register u preduzeću ENERGOINVEST Sarajevo
- Projekat upravljanja građevinskim otpadom i uređenja deponija građevinskog materijala za brzu cestu Lašva - Donji Vakuf, dionica Lašva - Petlja Nević Polje za 3 poddionice za IPSA INSTITUT
- Plan o upravljanju otpadom za dionicu Orašje (rijeka Sava) – Tuzla (Šićki brod) za JP Autoceste
- Plan upravljanja građevinskim otpadom za Autocestu: Svilaj - Vukosavlje (Sekcija 1 i Sekcija 2) za JP Autoceste
- Plan upravljanja građevinskim otpadom i Plan upravljanja otpadom za Autocestu Orašje (rijeka Sava) - Tuzla (Šićki Brod), za LOT-ove 1,2,3,4 i 5, dionica Brčko - Tuzla za JP Autoceste
- Plan aktivnosti za KJKP GRAS d.o.o. Sarajevo
- Plan upravljanja građevinskim otpadom za pogon za proizvodnju tečnih i polučvrstih nesterilnih formi lijekova za Bosnalijek
- Okolinski nadzor na projeku izgradnje tunela Vijenac
- Elaborat o zbrinjavanju otpada tijekom pražnjenja akumulacije HE Rama
- Plan o upravljanju građevinskim otpadom za projekat izgradnje objekta „CP-bočno naplatno mjesto Kakanj"
- Plan o upravljanju građevinskim otpadom za projekat izgradnje dionice autoceste „Lepenica - Tarčin" na trasi koridora Vc

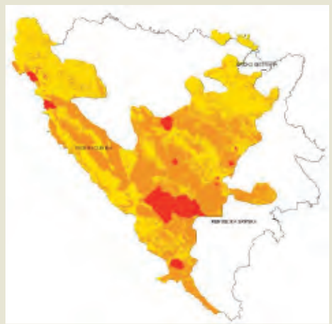
- *Environmental due diligence (in-depth analysis) to evaluate the benefits, obligations and responsibilities related to the possible purchase stake in the company Aluminium Mostar*
- *Creating Brochures "Environmental Management System ISO 14001", PEPSE/IFC/WB*
- *Environmental due diligence for a possible purchase of the Holiday Inn Hotel, member of a team of Merrill Lynch International*
- *Study of lowering emissions from thermal power stations Kakanj*
- *Study the vulnerability of space Bihac*
- *Study the vulnerability of space for Federation BiH*
- *Study of the environmental impact of thermal power plants Stanari*
- *Analysis of compliance of BiH legislation in the field of recycling waste for the purposes of the World Bank's IFC*
- *Development of technical guidelines for the preservation of air quality in KS for bakeries, gas stations, coffee roasters and facilities for the preparation of food*
- *To evaluate the impact of activities subject to concessions on the environment - for the construction of wind turbines for Vjetroenergetika BH*
- *To evaluate the impact of activities subject to concessions on the environment - for the construction of wind turbines for the ENERGY 3*
- *Establishment of the Regional Centre for Environmental Management and Information in cooperation with the universities of Bologna and UNESCO – ROSTE*
- *Audit of Environmental Management System according to ISO 14001 as a team member in the company Lloyd's Register ENERGOINVEST Sarajevo*
- *Design of construction waste managing and construction material stockpiles for highway Lasva-Donji Vakuf, station Lasva-loop Nevic Polje, for 3 subsection for IPSA INSTITUT*
- *Design of construction waste managing and construction material stockpiles for Orasje (river Sava) – Tuzla (Sicki Brod) for JP Autoceste*
- *Design of construction waste managing and construction material stockpiles for highway: Svilaj - Vukosavlje (section 1 i section 2) for JP Autoceste*
- *Construction Waste Management Plan and Waste Management Plan for station of highway Orasje (river Sava) - Tuzla (Sicki Brod), for LOT 1, 2,3,4 i 5 station Brcko – Tuzla for JP Autoceste*
- *Plan activities for KJKP GRAS d.o.o. Sarajevo*
- *Design of construction waste managing and construction material for facility for the production of liquid and semi-solid form of Non-Sterile medicines for Bosnalijek*

Izrada zahtjeva za izdavanje okolinske dozvole za punionicu bezalkoholnih pića i prirodne izvorske vode COCA-COLA HBC B-H d.o.o. Sarajevo / *Preparation Request for an Environmental permit for Coca-Cola HBC Sarajevo*

Okolinski nadzor prilikom gradnje autoceste na koridoru Vc / *Environmental Monitoring on the construction of the Highway on Corridor Vc*

Studija uticaja na okoliš i društvo za Autoput Bar - Boljari dionica Smokovac – Mateševo (Crna Gora) prema smjernicama IFC/WB / *Environmental and Social Impact Assessment Study for the Bar-Boljari highway (section Smokovac – Matesevo) in accordance with IFC/WB*

Nacionalni plan postpenog iskuljučenja iz upotrebe supstanci koje oštećuju ozonski omotač / *National Plan for the gradual phasing out the use of substances that deplete the ozone layer*



Studija ranjivosti prostora za FBiH / *Study the vulnerability of space for Federation BiH*

Pregled dokumentacije o zaštiti na radu, priručnika o okolinskoj politici i master plana protivpožarne zaštite u skladu sa IFC izvedbenim standardima, Gintasmont, Crna Gora / *Review of the Safety at Work documentation, the environmental policy manual and the Master Plan for fire protection in accordance with IFC standards, Gintasmont, Montenegro*

- Okolinski nadzor na izgradnji Sarajevske obilaznice
- Okolinski nadzor na projeku izgradnje dionice Lepenica – Suhodol i Suhodol - Tarčin
- Registar firmi koji se bave prikupljanjem i reciklažom ambalažnih materijala
- Zahtjev za izdavanje okolinske dozvole za rušenje objekata u pogonu Žica d.d. Sarajevo
- Priprema plana za isključivanje iz upotrebe HCFC-a u BiH
- Okolinski nadzor na projeku izgradnje autoceste Kakanj – Bilješevo
- Plan upravljanja otpadom za Sarajkomerc Gornji Vakuf
- Plan upravljanja otpadom za SurTec Eurosjaj Konjic
- Plan upravljanja otpadom za UnisGal Konjic
- Procjena utjecaja na okoliš za državni zatvor Ilidža BiH
- Izrada Elaborata uticaja izgradnje objekata na okoliš kanalizacionog sistema i sistema za pročišćavanje fekalnih otpadnih voda u Konjicu
- Izrada Elaborata uticaja izgradnje objekata na okoliš kanalizacionog sistema i sistema za pročišćavanje fekalnih otpadnih voda u Bosanskom Petrovcu
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za toplanu BAGS Vogošća
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za Sarajevoputeve
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za Dobojputeve, Doboj Jug/Matuzići
- Akcioni plan za smanjenje čestičnih tvari u Kantonu Sarajevo
- Pregled dokumentacije o zaštiti na radu, priručnika o okolinskoj politici i master plana protivpožarne zaštite u skladu sa IFC izvedbenim standardima, Gintasmont, Crna Gora
- Procjena uticaja na okoliš i studija uticaja na okoliš za HE Vranduk, JP EPBIH
- Procjena uticaja na okoliš i studija uticaja na okoliš za TE Kakanj blok 8, JP EPBIH
- Zahtjev za okolinsku dozvolu za kabinsku žicaru, ZOI'84
- Izrada Procjene utjecaja na okoliš Studije za rudnik lignita Stanari, u skladu sa smjernicama EBRD u suradnji sa DAPOLONIA Italija, EFT Group
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za Pilanu Alba Uniprom
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za objekte na Bjelašnici, Igmanu i Zetri
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za kamenolom Radava, Fojnica

- *Environmental Monitoring on the construction of the Highway on Corridor Vc – tunnel Vijenac*
- *Elaborate for waste disposal during discharging of water from the accumulation lake of Hydroelectric Power Plant Rama*
- *Construction Waste Management Plan for construction of object „CP-lateral toll in Kakanj"*
- *Construction Waste Management Plan for the project Highway on Corridor Vc, section „Lepenica - Tarcin"*
- *Environmental monitoring during Sarajevo Bypass construction*
- *Environmental monitoring during the projects of construction stocks Lepenica – Suhodol and Suhodol - Tarcin*
- *Collecting and processing of packaging register*
- *Request for environmental permit for demolition of Zica d.d. Sarajevo*
- *Preparation of HCFC Phase-out Management Plan in Bosnia and Herzegovina*
- *Environmental Monitoring on the construction of the Highway on Corridor Vc – section Kakanj-Biljesevo*
- *Waste Management Plan for "SARAJKOMERC" in Gornji Vakuf -Uskoplje*
- *Waste Management Plan for "SurTEC Eurosjaj" in Konjic*
- *Waste Management Plan for "Unisgal" in Konjic*
- *Preparation of an Environmental Management Plan and Environmental Assessment Outline for Ilidza State Prison BiH*
- *Preparation of the Environmental Impact Assessment Study for the Waste Water Treatment Plant in Konjic*
- *Preparation of the Environmental Impact Assessment Study for the Waste Water Treatment Plant in Bosanski Petrovac*
- *Plan activities for a purpose of providing environmental permit for facilities BAGS (TermalPlant), Sarajevo*
- *Plan activities for a purpose of providing environmental permit for facilities SARAJEVOPUTEVI, Sarajevo*
- *Plan activities for a purpose of providing environmental permit for facilities DOBOJPUTEVI, Doboj Jug/Matuzici*
- *Action plan to reduce particulate particles in the Sarajevo Canton*
- *Review of the Safety at Work documentation, the environmental policy manual and the Master Plan for fire protection in accordance with IFC standards, Gintasmont, Montenegro*
- *Environmental Impact Assessment Study for Hydro Power Plant Vranduk, JP EPBIH*
- *Environmental Impact Assessment Study for Thermal Power Plant Kakanj block 8, JP EPBIH*
- *Request for environmental permit for Chairlifts (Bjelasnica), ZOI'84*

- Procjena uticaja na okoliš i studija uticaja na okoliš za HE Ustikolina, JP EPBIH
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za tvornicu namještaja – Standard
- Studija uticaja na okoliš i društvo za Autoput Bar Boljari dionica Smokovac – Mateševo prema smjernicama IFC/WB
- Prethodna procjena uticaja na okoliš za HE Ulog, EFT Group
- Plan okolinskih i društvenih aspekata za Aerodrom Sarajevo prema smjernicama EBRD u saradnji sa SEA Aeroporti di Milano, Italija
- Izrada Lokalnog ekološkog akcionog plana - LEAP Općine Kakanj
- Akcioni plan mjera za poboljšanje stanja okoliša na području općine Kakanj
- Izrada Zahtjeva za izdavanje okolinske dozvole za Hotel Evropa, Sarajevo
- Studija ranjivosti prostora Federacije Bosne i Hercegovine
- Strategija zazaštite okoliša za FBiH
- Studija procjene okolinskih i društvenih uticaja za Rudnik Stanari prema smjernicama EBRD
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za pilanu „Klejton"
- Izrada studije nultog stanja za Volkswagen
- Izrada uslova zaštite okoliša za izgradnju hotela za Aerodrom Sarajevo
- Izrada projekta "Idejno rješenje kalibracione laboratorije za baždarenje mjerača utroška toplotne energije" za potrebe KJKP Toplane
- Zahtjev za okolinsku dozvolu i Izvještaj o stanju sigurnosti za skladište LPG za Istrabenz Plin
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za kamenolom - Bosnaputevi
- Izrada Studije o stanju okoliša za EUFOR Bazu u Mostaru (Ortiješ)
- Izrada dijela Plana upravljanja otpadom za Zeničkodobojski Kanton
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za UNIS ENERGETIKU Sarajevo i Travnik
- Elaborat o uticaju elektromagnetnog zračenja GSM/UMTS baznih stanica BH Telekoma na zdravlje ljudi i okolinu
- Projekat sanacije zemljišta u krugu topionice olova TESLA Brčko
- Izrada zahtjeva za prethodnu procjenu uticaja na okolinu izgradnje parkova vjetroelektrana instalirane snage do 60 MW na tri mikrolokacije na području Podveležja, sa pojedinačnom snagom turbina od 2 MW, za VJETROENERGETIKU BH
- Izrada plana aktivnosti u cilju dobijanja okolinske dozvole za topionica olova Tesla Brčko
- Studija uticaja na okoliš za bazu EUFOR u Butmiru sa analizama tla i podzemnih i otpadnih voda

- *Preparation of the Environmental Impact Assessment Study for the Stanari Lignite Mine in accordance with EBRD directives in cooperation with DAPPOLONIA Italy, EFT Group*
- *Plan activities for a purpose of providing environmental permit for saw-mill Alba Uniprom*
- *Plan activities for a purpose of providing environmental permit for facilities on Bjelasnica, Igman and Zetra*
- *Plan activities for a purpose of providing environmental permit for Radava quarry, Fojnica*
- *Preliminary Environmental Impact Assessment Study for Hydro Power Plant Ustikolina, JP EPBIH*
- *Plan activities for a purpose of providing environmental permit for furniture factory "Standard"*
- *Environmental and Social Impact Assessment Study for the Bar-Boljari highway (section Smokovac – Matesevo) in accordance with IFC/WB*
- *Environmental Impact Assessment Study for Hydro Power Plant Ulog, EFT Group*
- *Environmental and Social Action Plan for International Airport Sarajevo in accordance with EBRD directives in cooperation with SEA Aeroporti di Milano*
- *Local environmental action plan - LEAP, Municipality of Kakanj*
- *Action plan with measures to improve the environment in the Municipality of Kakanj*
- *Preparation Request for an Environmental permit for Evropa Hotel Sarajevo*
- *Study on vulnerability of FBiH area*
- *Environmental Strategy of Federation of Bosnia and Herzegovina*
- *Environmental Impact Assessment Study for Thermal Power Plant Stanari 410 MW (for local environmental permit)*
- *Plan activities for a purpose of providing environmental permit for sawmill „Klejton"*
- *Study of ziro – state of environment for Volkswagen Sarajevo*
- *Conditions required for environment protection for purpose of Airport Hotel construction*
- *"Initial design of calibratiting laboratory used for calibration of calorimeters for KJKP Toplane*
- *Request for environmental permit and Report on safety state for LPG storage for Istrabenz Plini*
- *Plan activities for a purpose of providing environmental permit for quarry "Bosnaputevi"*
- *Study of environmental state for EUFOR Base in Ortijes – Mostar*
- *Preparation of part of Waste Management Plan for Zenica – Doboj Canton*
- *Plan activities for a purpose of providing environmental permit for "UNIS ENERGETIKA" Sarajevo and Travnik*
- *Elaborate on influence of electromagnet radiation of GSM/UMTS base stations on human health and environment, for BH Telecom*

- Izrada zahtjeva za prethodnu procjenu uticaja na okolinu i Studije uticaja na okoliš za dionicu autoputa Kakanj - Visoko
- Učešće na izradi zahtjeva za prethodnu procjenu uticaja na okolinu i Studije uticaja na okoliš za LOT2 koridora VC
- Izrada zahtjeva za prethodnu procjenu uticaja na okolinu izgradnje parkova vjetroelektrana instalirane snage do 300 MW na više mikrolokacija na širem području Podveležja, sa optimalnom instaliranom snagom za I fazu od 42 MW
- Izrada zahtjeva za izdavanje okolinske dozvole za kotlovnicu JU Opća bolnica „Prim.dr.Abdulah Nakaš"
- Izrada zahtjeva za izdavanje okolinske dozvole za kotlovnicu Klinike za akušerstvo, ginekologiju i pedijatriju
- Izrada zahtjeva za izdavanje okolinske dozvole za punionicu bezalkoholnih pića i prirodne izvorske vode COCA-COLA HBC B-H d.o.o. Sarajevo
- Izrada zahtjeva za izdavanje okolinske dozvole za fabriku za proizvodnju meke poliuretanske pjene Delibašić poliuretani Kakanj
- Izrada Plana sprečavanja nesreća velikih razmjera za skladište toluendiizocijanata (TDI) za fabriku za proizvodnju meke poliuretanske pjene Delibašić poliuretani Kakanj
- Izrada zahtjeva za izdavanje okolinske dozvole za betonaru KUNOVAC
- Studija uticaja na okolinu za FERPLAST Sarajevo (proizvodnja PE kesa)
- Studija tehnološko-ekonomske rekonstrukcije I revitalizacije proizvodnje komercijalnih rashladnih medija u "SLATKOM alfa & omega", Banja Luka
- Elaborat uticaja na okolinu - Tvornica boja i premaza "Megati" Ilijaš
- Studija uticaja na okoliš za kamenolom „Granitmont" Jablanica
- Studija "Aspekti zaštite okoliša planiranih aktivnosti u KJKP Toplane Sarajevo, kao podloga za podnošenja zahtjeva za međunarodnu financijsku potporu"
- Studija izvodivosti i osnova projekta tehnološkog prestrukturiranja pogona za proizvodnju poliuretanskih (PUR) pjena preduzeća "Stirokart" a.d. Srbac BiH, sa uvođenjem ekološki prihvatljive tehnologije
- Studija uticaja na okolinu - Punionica propan – butan gasa TPO Vitkovići, Goražde
- Studija uticaja na okolinu - Rekonstrukcija postojećeg sistema vodosnabdijevanja na rijeci Usori u Jelahu
- Studija uticaja na okoliš KJKP Toplane Sarajevo
- Osiguranje kvaliteta zraka na području Općine Kakanj
- Elaborat uticaja na okolinu - Mini pilana Euroholz, Ilijaš

- *Project of remediation in area of lead smelter TESLA Brcko*
- *Preparation Request for Preliminary Environmental Impact Assessment construction parks wind plants installed capacity of 60 MW, at three micro locations on areas of Podvelezje VJETROENERGETIKA BH*
- *Plan activities for a purpose of providing environmental permit for lead smelter Tesla Brcko*
- *Environmental impact study for multinational force base EUFOR in Butmir*
- *Preparation of Request for a Preliminary Environmental Impact Assessment and Environmental Impact Assessment Study for section of highway Kakanj – Visoko*
- *Participation preparation of request for a Preliminary Environmental Impact Assessment and Environmental Impact Assessment Study for LOT2 of corridor VC*
- *Preparation Request for a Preliminary Environmental Impact Assessment construction parks wind plants under 300 MW installed power at several micro locations on broader areas of Podvelezje, with optimal installed power from 42 MW for faze I*
- *Preparation Request for an Environmental permit for a boiler room at JU Hospital "Prim. Dr. Abdulah Nakas"*
- *Preparation Request for an Environmental permit for a boiler room at Clinic*
- *Preparation Request for an Environmental permit for Coca-Cola HBC Sarajevo*
- *Preparation Request for an Environmental permit for a soft polyurethane foam product factory "Delibasic polyurethanes" Kakanj*
- *Plan activities development for accident and disaster prevention for a toluenediizocianate storage (TDI) permit for a soft polyurethane foam product factory "Delibasic polyurethanes" Kakanj*
- *Preparation of Request for issuing an environmental license for Concrete Plant - Kunovac*
- *Environmental Impact Assessment Study for FERPLAST Sarajevo (production of plastic bags)*
- *Technology-Economic Study of Commercial Refrigerants Production Revitalization Revitalization in «SLATKOM alfa & omega», Banja Luka*
- *Elaborate for environmental protection for stack construction – Bakery Novi Grad*
- *EIA Study for MEGATTI Hrasnica (production of water-based dispersion paint and liquid detergents)*
- *Study on environmental protection for Factory for final stone processing Granitmont Jablanica*
- *Study "Environmental aspects of planned activities in KJKP Toplane Sarajevo, as background for applying for international financial support"*

- Elaborat uticaja na okolinu - Tvornica za reciklažu ketridža, Zenica
- Studija uticaja na okolinu - Objekat za rasjecanje mesa ribe "Norfish Blagaj", Salakovac
- Separacija šljunka na lokaciji Diva Grabovica, Prominvest Konjic
- Studija uticaja na okolinu - Autoput Sarajevo - Zenica, poddionica Jošanica – Semizovac
- Elaborat uticaja na okolinu - Postrojenje za zahvatanje vode iz rijeke Bosne, Sarajevo
- Master plan puta Tarčin - Mostar
- Izrada podzakonskih akata Zakona o zaštiti okoline za Federaciju BiH
- Audit Sistema okolinskog upravljanja prema ISO 14001 kao član tima Lloyd Register u Coca Cola Beverages
- Okolinski monitoring u toku rehabilitacije magistralnog puta Stupska petlja – Jablanica i mosta Ugar po ugovoru sa Svjetskom bankom
- Konsalting u sklopu Programa EU za revitalizaciju preduzeća (EUPER)
- Konsaling u oblasti okoline, zdravlja i sigurnosti na radnom mjestu za FDS
- Okolinski audit Tvornice Dubint, Kočerin (po nalogu Evropske banke)
- Stalna revizija rezultata mjerenja na području okoline i sigurnosti na radnom mjestu, koja za Bosnalijek Sarajevo obavljaju različite institucije
- Analiza i unapređenje sistema praćenja emisije zagađujućih materija u vazduh na području sarajevskog Kantona
- Konsaling u oblasti okoline, zdravlja i sigurnosti na radnom mjestu za Fabriku duhana Sarajevo u saradnji sa OQS-OVQ Wiena (Österreichische Vereingung zur Zertifizierung von Qualitäs - und Managementsystemen)
- Konsalting ISO 9001:2000 za Hidrogradnju, u saradnji sa OQS-OVQ Wiena (Österreichische Vereingung zur Zertifizierung von Qualitäs - und Managementsystemen)

- *Fusibility study and basis of the project of technological reconstruction of PUR foam production plant in company "Stirokart", Srbac, Bosnia and Herzegovina, with introduction of environmentally sound technology*
- *Propane-butane Refilling Station, TPO Vitkovici, Gorazde*
- *Reconstruction of existing water supply system on the River Usora, Jelah*
- *EIA Study for KJKP Toplane Sarajevo*
- *Air quality assurance in the Kakanj municipality area*
- *Mini Sawmill Euroholz, Ilijas*
- *Cartridge Recycle Plant, Whitefield, Zenica*
- *Fish Processing Plant "Norfish Blagaj", Salakovac*
- *Gravel Separation Plant "Diva Grabovica", Prominvest Konjic*
- *Motorway Sarajevo - Zenica, subsection Josanica – Semizovac*
- *Plant for scooping water from the River Bosna, Sarajevo*
- *Natural Condition and Environmental Survey for Transport Master Plan in Bosnia and Herzegovina*
- *Development of secondary legislation to the Law on Environmental Protection to the Federation of Bosnia and Herzegovina*
- *Audit of Environmental Management System according to ISO 14001 as a member of Team Lloyd's Register in Coca Cola Beverages*
- *Environmental monitoring during rehabilitation highway Stupska loop - Jablanica and bridge Fallow contract with the World Bank*
- *Consulting in the areas of environment, health and safety in the workplace for FDS*
- *Environmental audit Factories Dubint, Kocerin (by order of the European Bank)*
- *Revision of measurement results in the field of environment and safety in the workplace, which for Bosnalijek Sarajevo carried out by different institutions*
- *Analysis and improvement of systems for monitoring emissions of pollutants into the air in the area of Sarajevo Canton*
- *Consulting in the areas of environment, health and safety in the workplace in Sarajevo Tobacco Factory in cooperation with the OQS-OVQ Vienna (Österreichische Vereingung zur Zertifizierung von Qualitas - und Managementsystemen)*
- *Consulting ISO 9001:2000 Hidrogradnja, in cooperation with the OQS-OVQ Vienna (Österreichische Vereingung zur Zertifizierung von Qualitas - und Managementsystemen)*

Energija

Zahvaljujući iskustvu stečenom na vođenju i realizaciji desetina domaćih i međunarodnih projekata, uspješnoj saradnji sa domaćim i međunarodnim subjektima i organizacijama, te multidisciplinarnom sistematičnom inžinjerskom pristupu, osigurali smo temelj uspješnosti projekata i usluga našim klijentima.

Svoje aktivnosti ovaj odjel realizuje kroz:

- Obavljanje energijskih pregleda i izradu energijskih certifikata objekata;
- Iznalaženje tehno-ekonomski optimalnih i cjelovitih rješenja za postizanje uštede energije javnih i stambenih objekata;
- Iznalaženje savremenih rješenja za unaprijeđenje energijskih i tehnoloških procesa sa aspekta utroška energije u industrijskom sektoru;
- Uspostavu sistema upravljanja energijom sa ciljem njenog efikasnog korištenja i dostizanja planiranih ušteda;
- Pomoć pri apliciranju na dostupne finansijske programe podrške za realizaciju EE i OIE projekata, te pomoć u iznalaženju finansijske podrške za pripremu dokumentacije i tehničku pomoć;
- Vođenje procedure kandidiranja projekata koji za rezultat imaju smanjenje emisije stakleničkih gasova kao CDM i sličnih;
- Stručnu podršku u procesu strateškog i prostornog planiranja sa ciljem definisanja i postizanja optimalnog snabdjevanja energijom;
- Izradu konceptnih/projektnih rješenja rehabilitacije, proširenja, modernizacije ili gradnje novih sistema daljinskog grijanja.

Energy

Due to the long experience gained in the management and implementation of domestic and international projects, the successful cooperation with national and international entities and organizations, as well as a multidisciplinary systematic engineering approach, we have provided the foundation of the success of projects and services to our clients.

This department implemented its activities through:

- *Finding techno-economical solutions for energy savings in public and private buildings*
- *Finding state of the art solutions for improving energy and technological processes in terms of energy consumption in the industrial sector*
- *Establishment of energy management system with the aim of efficient energy use and achievement of the projected savings*
- *Assisting investors in the process of applying for available programs of financial support for the implementation of EE and RES projects, as well as providing assistance in finding financial support for the preparation of documentation and technical assistance*
- *Energy auditing and preparation of Energy Certificates*
- *Participation in nominating project which result in greenhouse gases emission reduction (such as CDM projects, etc.)*
- *Professional support in the strategic and spatial planning with the aim of defining and achieving optimal energy supply*
- *Development of concept/design solutions of rehabilitation, expansion, modernization or construction of new district heating systems*

Energetski pregled i energetsko certificiranje objekta BBI centar Sarajevo

Energy audit and energy performance building certification for BBI Centre Sarajevo

Izrada Energetskog certifikata za „Poslovno – administativni objekat" Međunaroni aerodom Sarajevo

Energy performance building certification for Business - administrative building of international airport Sarajevo

Detaljni energetski pregled za hrvatsku bolnicu "dr. Fra Mato Nikolić", Nova Bila

Detailed energy auditof croatian hospital "dr. Fra Mato Nikolić", Nova Bila

Reference u implemnetaciji i provođenju energetskih pregleda

- Osnovna škola "Braća Jakšić" Milići
- Pivara Tuzla
- Alpro Vlasenica
- Dalekovodi Sarajevo
- Pivara Bihać
- Sanitex Velika Kladuša
- Sprind Sarajevo
- Unis Gal Konjic
- SurTec Konjic
- Sarajkomerc Gornji Vakuf
- Natron Hayat Maglaj
- Zgrada proizvodnje PET Ambalaže - Pivara Tuzla
- Zgrada opštine Zvornik
- Zgrada JU "Dom zdravlja" Travnik
- Zgrada JU OŠ "Prva osnovna škola" Konjic
- Zgrada JU OŠ "Banovići selo", Banovići
- Zgrada općine Goražde
- Zgrada JU "Dom zdravlja" Bosanska Krupa
- Objekti COKP Zvirici, CCP Zvirici, CP Medjugorje - Zvirovici
- Objekti COKP Drivuša i CP Drivuša
- Zgrada JU "Dom zdravlja" Breza
- Zgrada JU OS "Alija Nametak" Sarajevo
- Zgrada općine Doboj Jug
- Zgrada JU MSŠ "Hasib Hadzovic" Gorazde
- Zgrada JU MSŠ "Stjepan Radić" Usora
- Privatni stambeni objekat "FB"
- Objekat hotela Hollywood Sarajevo
- Zgrada JU "Dječije obdanište" Gračanica
- Zgrada Zavoda za planiranje razvoja KS
- Zgrada JU "Kulturni centar" Srebrenica
- Zgrada opštine Srebrenica
- Zgrada JU "Omladinski centar" Srebrenica
- Zgrada JU "Srednjoškolski centar" Hadžići
- Zgrada JU "Muzička akademija" Sarajevo
- Zgrada CIMOS TMD Casting, Zenica
- Objekat BBI Centra Sarajevo
- Zgrada JU OŠ "Srednje" Ilijaš
- Zgrada općine Kljuc
- Zgrada JU OŠ "Dobroševići" Sarajevo
- Zgrada JU OŠ "Osman Nakaš" Sarajevo
- Zgrada "BKC" Gračanica
- Zgrada JU "Srednja ugostiteljska škola" Sarajevo
- Osnova škola "Rapatnica",Srebrenik
- Vrtić Dječiji Grad, Sarajevo
- Bolnica Dr. Fra Mato Nikolić, Nova Bila
- OŠ "Behaudin Selmanović", Sarajevo
- OŠ "Fahrudin Fahro Bašćelija", Sarajevo
- JU Centar "Los Rosales", Mostar
- Centar za stara i iznemogla lica, Mostar
- "Prva osnovna škola" Široki Brijeg
- MSŠ Elektrotehnička škola, Bihać
- JU Obdanište i Dom učenika, Bosanska Krupa
- OŠ "Musa Ćazim Ćatić", Zenica
- KCUS Sarajevo, zgrada ortopedije i traumatologije
- Dvorana "Luke", Bihac
- Sportska dvorana, Cazin
- OŠ "Hasan Kikić" Gračanica
- OŠ "Donja Drežnica", Mostar
- Zgrada Opštine Pale
- OŠ "Kalibunar" Travnik

References in the implementation and enforcement of energy audits

- *School "Braca Jaksic" Milići*
- *Brewery of Tuzla*
- *Alpro Vlasenica*
- *Dalekovodi Sarajevo*
- *Brewery of Bihać*
- *Sanitex Velika Kladuša*
- *Sprind Sarajevo*
- *Unis Gal Konjic*
- *SurTec Konjic*
- *Sarajkomerc Gornji Vakuf*
- *Natron Hayat Maglaj*
- *Building production of PET packaging - Tuzla Brewery*
- *Municipality building - Zvornik*
- *Medical Health Centre - Travnik*
- *School "Prva osnovna škola" Konjic*
- *School "Banovici selo" Banovici*
- *Municipality building - Gorazde*
- *Medical Health Centre – Bosanska Krupa*
- *Highway control and pay-toll building – Zvirici, Zvirovići, Međugorje*
- *Highway control and pay-toll building - Drivusa*
- *Medical Health Centre – Breza*
- *School "Alija Nametak" Sarajevo*
- *Municipality building – Doboj-jug*
- *High school "Hasib Hadžović" Gorazde*
- *High school "Stjepan Radic" Usora*
- *Private residential building "FB"*
- *Hotel Hollywood Sarajevo*
- *Kindergarten "Our Children" Gračanica*
- *Development Planning Institute of Sarajevo Canton, Sarajevo*
- *Cultural Centre Srebrenica*
- *Municipality of Srebrenica administration building*
- *Youth Centre Srebrenica*
- *High school "Srednjoskolski centar" Hadzici, Sarajevo*
- *Music academy Sarajevo*
- *Building CIMOS TMD Casting, Zenica*
- *BBI Center in Sarajevo*
- *Primary school "Srednje" Sarajevo*
- *Municipality of Kljuc administration building*
- *Primary school "Dobrosevici" Sarajevo*
- *Primary school "Osman Nakas" Sarajevo*
- *Building "BKC" Gračanica*
- *High School "Srednja ugostiteljska škola" Sarajevo*
- *Primary school "Rapatnica" Srebrenik*
- *Kindergarten "Dječiji Grad" Sarajevo*
- *Hospital "Dr. fra Mato Nikolic" Nova Bila*
- *Primary school "Behaudin Selmanović" Sarajevo*
- *Primary school "Fahrudin Fahro Bašćelija" Goražde*
- *Centre "Los Rosales", Mostar*
- *Centre for old and retired persons, Mostar*
- *Primary school "Prva osnovna škola", Široki Brijeg*
- *Secondary school "Mješovita elektrotehnička škola", Bihać*
- *Kindergarten "Dječije obdanište", Bosanka Krupa*
- *Primary school "Musa Ćazim Ćatić" Zenica*
- *KCUS Sarajevo, building of orthopedics and traumatology*
- *Hall "Luke" Bihać*
- *Sports Hall Cazin*
- *Primary school "Hasan Kikić" Gračanica*
- *Primary school "Donja Drežnica" Mostar*
- *Municipality building, Pale*

- Zgrada centra za mlade i međunarodna galerija, Tuzla
- Zgrada Opštine Trebinje
- OŠ "Kardinala Stepinca", Neum
- OŠ "Vuk Karadžić" Višegrad
- Vrtić "Dunja", Zenica
- Hotel GRAND Sarajevo
- Farma tovnih pilića, DOKSO Visoko
- Privatna stambena kuća, Zenica
- Privatna stambena kuća, Visoko
- Privatna stambena kuća, Visoko
- Stanica za tehnički pregled vozila, Visoko
- Stambena zgrada TKB 3, Krndija Tešanj
- Farma tovljenja pilića, Kokorada Visoko
- Sportska dvorana ARENA Mostar
- Zgrada opštine Vitez
- Poslovno-administrativni objekat, Aerodrom Sarajevo
- JU OŠ "Vladimir Nazor"

Reference u energetskom ceritficiranju objekata uz izdavanje energetskog certifikata

- Zgrada proizvodnje PET Ambalaže - Pivara Tuzla
- Zgrada JU OŠ "Prva osnovna škola" Konjic
- Zgrada JU OŠ"Banovići selo", Banovići
- Zgrada JU "Dom zdravlja" Bosanska Krupa
- Objekti COKP Zvirici, CCP Zvirici, CP Medjugorje - Zvirovici
- Objekti COKP Drivuša i CP Drivuša
- Privatni stambeni objekat "FB"
- Objekat hotela Hollywood Sarajevo
- Zgrada JU "Dječije obdanište" Gračanica
- Zgrada CIMOS TMD Casting, Zenica
- Objekat BBI Centra Sarajevo
- Objekat "Farma tovnih pilića" Moščanica, Zenica
- Poslovno-administrativni objekat, Aerodrom Sarajevo
- JU OŠ "Vladimir Nazor"
- Farma tovnih pilića, DOKSO Visoko
- Privatna stambena kuća, Zenica
- Privatna stambena kuća, Visoko
- Privatna stambena kuća, Visoko
- Stanica za tehnički pregled vozila BTS, Visoko
- Stambena zgrada TKB 3, Krndija Tešanj
- Farma tovljenja pilića, "Kokorada" Visoko

Reference: Studije, tehnička podrška

- Studija izvodljivosti za proširenje, rehabilitaciju i modernizaciju sistema daljinskog grijanja u općini Pale, Bosna i Hercegovina
- Idejni projekat smanjenja specifične potrošnje primarne energije povećanjem kogeneracije TE Kakanj proširenjem sistema daljinskog grijanja u Kaknju
- Studija Efikasnosti ulaganja u smanjenje toplotnih gubitaka u objektima kolektivnog stanovanja u općinama Novi Grad i Novo Sarajevo
- Izrada plana projekata i aktivnosti u cilju smanjenja energetskih gubitaka u Kantonu Sarajevo - prijedlog za Vladu Kantona Sarajevo

- *Primary school "Kalibunar" Travnik*
- *The building of a youth center and an international gallery, Tuzla*
- *Municipality building - Trebinje*
- *Primary school "Kardinala Stepinca" Neum*
- *Primary school "Vuk Karadžić" Višegrad*
- *Kindergarden "Dunja" Zenica*
- *Hotel "GRAND" SARAJEVO*
- *Farm broilers "DOKSO" Visoko*
- *Private house, Zenica*
- *Private house, Visoko(1)*
- *Private house, Visoko(2)*
- *Stations for technical inspection of vehicles, Visoko*
- *Development Planning Institute of Sarajevo Canton, Sarajevo*
- *Residential building TKB 3, Krndija Tešanj*
- *Farm broilers "Kokorada" Visoko*
- *Sports Hall Mostar*
- *Municipality of Vitez*
- *Primary School "Vladimir Nazor"*
- *Administrative building of international airport, Sarajevo*

References in the energy certification of buildings with energy certificate issuance

- *Building production of PET packaging - Tuzla Brewery*
- *Primary school "Prva osnovna škola", Konjic*
- *School "Banovici selo" Banovici*
- *Medical Health Centre – Bosanska Krupa*
- *Highway control and pay-toll building – Zvirici, Zvirovići, Međugorje*
- *Highway control and pay-toll building - Drivusa*
- *Private residential building "FB"*
- *Hotel Hollywood Sarajevo*
- *Kindergarten "Our Children" Gračanica*
- *Building CIMOS TMD Casting, Zenica*
- *BBI Center in Sarajevo*
- *Farm broilers "Mošćanica" Zenica*
- *Administrative building of international airport, Sarajevo*
- *Primary School "Vladimir Nazor"*
- *Farm broilers "DOKSO" Visoko*
- *Private house, Zenica*
- *Private house, Visoko(1)*
- *Private house, Visoko(2)*
- *Stations for technical inspection of vehicles, Visoko*
- *Residential building TKB 3, Krndija Tešanj*
- *Farm broilers "Kokorada" Visoko*

Enerrgy Supply and Energy Efficiency

- *Expansion, rehabilitation and modernization of the district heating system in municipality of Pale, Bosnia and Herzegovina, Feasibility Study*
- *Reduction of specific consumption of primary energy by increasing cogeneration in TPP Kakanj by expansion of district heating system in city Kakanj, BiH - Feasibility study, Conceptual and Preliminary Design*
- *Efficiency investment studies in reducing heat loss in the residential sector in Canton Sarajevo (Municipality of Novi Grad and Novo Sarajevo)*
- *Achieving optimal energy supply in Canton Sarajevo*
- *The Energy Development of Sarajevo, within the Strategy for the Development of Sarajevo Canton*

Izrada projekata racionalne upotrebe energije Centara za održavanje i kontrolu prometa na autoputu
Project designs of rational use of energy of the Centers for the maintenance and control of traffic on the highway

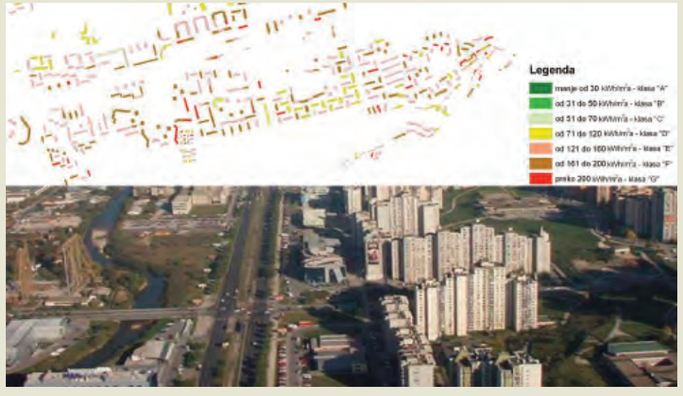
Izrada Energetskog certifikata za hotel I kongresni centar "Hollywood" Sarajevo
Energy performance building certification for hotel and congress center "Hollywood" Sarajevo

- Studija optimalnog snabdijevanja energijom Kantona Sarajevo za potrebe Prostornog plana Kantona Sarajevo za period 2003.-2023. godina
- Studija Elektroenergetskog i termoenergetskog sistema Bosansko-Podrinjskog Kantona Goražde za period 2008 – 2028. godina
- Studija „Određivanje referentnih klimatskih podataka za potrebe energijskog certificiranja objekata i izrada proračunskih metoda za energijsko certificiranje objekata“
- Razvoj projekata smanjenja emisije stakleničkih gasova u sektoru daljinskog grijanja u Bosni i Hercegovini za potrebe NORSK ENERGY
- Razvoj projekata smanjenja emisije stakleničkih gasova u sektoru daljinskog grijanja u Bosni i Hercegovini – izrada PDD i PoA dokumenata za projekte Livno, Gradiška i Prijedor
- Tehnička podrška implementaciji EE kreditne linije za NLB Razvojna a.d. kroz provođenje jednostavnih i složenih energetskih audita i izradu Idejnih projektnih rješenja
- Tehnička podrška implementaciji EE kreditne linije za UniCredit Banjaluka a.d. kroz provođenje jednostavnih, složenih i holističkih energetskih audita
- Izrada PDD dokumenta za projekat malih hidroelektrana u BiH (10 MW) u svrhu CDM registracije projekta
- Analiza opravdanosti pokretanja CDM projekta u oblasti pošumljavanja - GIKIL d.o.o. Lukavac
- Studija Mogućnosti za proizvodnju biodizela u BiH, WIHOG, WIESER HOLDING
- Studija koncepta toplifikacije na biomasu osnovne i srednje škole u Olovu za potrebe Švicarskog karitasa
- Studija koncepta toplifikacije općine Konjic za potrebe UNIS Energetika, Konjic
- Poboljšanje energetske efikasnosti u stanogradnji za potrebe IFC/Svjetska banka
- Formiranje Udruženja drvne biomase u BiH
- Projekat FP6 /RECOVER/ - Renewable Energy Co-ordinated Development in the Western Balkan Region
- Projekat FP6 /ACCENT/ - Acceleration of the Cost-Competitive Biomass Use for Energy Purposes in the Western Balkan Countries
- Studija snižavanja emisije iz “Termoelektrane Kakanj”
- Aktivnosti u identifikaciji i implementaciji CDM projekata u BiH kroz potpisan ugovor sa medunarodnim partnerom ONE CARBON
- Projekat “Izgradnja potencijala balkanskih država u cilju smanjenja emisije stakleničkih gasova”
- Phare program “Promocija kogeneracije energije u postrojenjima male snage”
- Program razvoja energetike Sarajeva, u okviru Strategije razvoja Kantona Sarajevo

- *Study on the energy supply of Bosansko-Podrinjski Canton*
- *Study on Determination of reference climate data for building energy certification and drafting analytical methods for the energy certification of buildings*
- *Developing GHG reduction projects in the heating sector in Bosnia and Herzegovina*
- *Developing GHG reduction projects in the heating sector in Bosnia and Herzegovina – PDD and PoA drafting for Livno, Gradiska and Prijedor projects*
- *Energy audits and conceptual designs for projects under EE loans (NLB Razvojna a.d.)*
- *Simplicied, compex and holistic energy audits for projects under EE loans (UniCredit Banja Luka a.d.)*
- *PDD development for small hydro power plants in BiH (10 MW) for CDM registration purposes*
- *CDM afforestation investment feasibility analysis - GIKIL d.o.o. Lukavac*
- *“Possibilities for biodiesel production in Bosnia and Herzegovina” for WIHOG, Wieser Holding*
- *Concept of heating in elementary and secondary school in Olovo by replacing coal and fuel oil boilers with biomass boilers*
- *Conceptual design of household heating of the Konjic City, UNIS ENERGETIKA*
- *Energy efficiency improvement in housing for IFC/World Bank Group*
- *Facilitation of biomass association development and enhancement of advocacy capacities within the woody Biomass sector of B&H*
- *Project FP6 /RECOVER/ - Renewable Energy Co-ordinate Development in the Western Balkan Region*
- *Project FP6 /ACCENT/ - Acceleration of the Cost-Competitive Biomass Use for Energy Purposes in the Western Balkan Countries*
- *Study of lowering emissions, “Thermal Power Plant Kakanj”*
- *Activities in the identification and implementation of CDM projects in Bosnia and Herzegovina through an agreement signed with international partner ONE CARBON*
- *Project “Building the Balkan countries to reduce emissions of greenhouse gases” - participated in six Balkan countries, and funded by the Greek government*
- *Phare program “Promotion of cogeneration power plants in low-power”*
- *Study of Energy Central Bosnia Canton (within the spatial plan of the Central Bosnia Canton)*

Studija optimalnog snabdijevanja energijom Kantona Sarajevo
The study of optimal energy supply of Sarajevo Canton

Daljinsko grijanje u Palama – studija izvodljivosti
Pale district heating – feasibility study



Studija efikasnosti ulaganja u smanjenje toplotnih gubitaka u sektoru kolektivnog stanovanja u Kantonu Sarajevo (općine Novi Grad I Novo Sarajevo)
The Study of investment in heat loss reducing profitability in the residential sector (municipalities Novi Grad and Novo Sarajevo)

Laboratorija

Laboratorija svoje usluge pruža u oblastima zaštite zraka, zaštite od buke, energijske efikasnosti, te ostalim oblastima zaštite okoline.

Zaštita zraka:

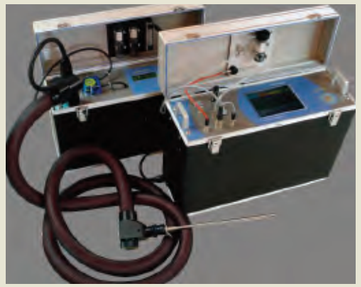
- Mjerenje emisija u zrak iz stacionarnih izvora
- Proračuni godišnjih emisija u zrak i tumačenje rezultata mjerenja
- Mjerenje, modeliranja i izrada karata stanja kvaliteta zraka
- Pružanje konsultantskih usluga u područjima očuvanja kvaliteta zraka i mjerenja emisija u zrak

Zaštita od buke:

- Mjerenje okolinske buke i tumačenje rezultata mjerenja
- Modeliranje i izrada karata buke
- Pružanje konsultantskih usluga iz oblasti mjerenja okolinske buke i zaštite od buke

Energetska efikasnost:

- Snimanje termovizijskom kamerom
- Mjerenje parametara potrošnje energije objekata i postrojenja u okviru energijskog pregleda (potrošnja energije, određivanje koeficijenata prolaza toplote kroz površine, osvijetljenost itd.)



Uređaji za mjerenje emisija u zrak iz stacionarnih izvora / *The devices for measuring of pollutants' emission in the air from stationary sources*

Laboratory

The laboratory provides services of monitoring the fields of air emissions, air quality, ambient noise levels, energy efficiency, and other sectors of environmental protection. air protection, protection from noise, energy efficiency, and other environmental protection fields.

Air emissions and air quality:

- *Measurement of air emissions from stationary sources*
- *Calculation of annual emissions and interpretation of measuring results*
- *Air quality measurement, modeling of current and future state of air quality and preparing air quality maps*
- *Consulting in the field of air quality and emissions to air*

Ambient noise levels:

- *Measuring ambient noise levels*
- *Noise modeling and preparation of Noise level maps*
- *Consulting in the field of measuring ambient noise levels and protection*
- *from noise*

Energy efficiency:

- *Thermal imaging*
- *Measuring and determination of different parameters (energy consumption, illumination, heat transfer coefficient)*

Termovizijska kamera / *Thermal imager*

Uređaj za mjerenje buke / *Device for noise measuring*

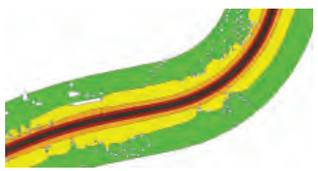
Ostale usluge:

- Izrada studija nultog stanja (u svrhu izade planova aktivnosti)
- Izrada studija i elaborata o procjenama uticaja na zrak i buku
- Pružanje usluga u ostalim oblastima (uzorkovanje i analiza vode, zemljišta, mjerenje jonizujućeg i nejonizujućeg zračenja, meteoroloških parametara itd.)
- Za sva mjerenja izrađuju se izvještaji u skladu sa važećim zakonskim odredbama i tehničkim smjernicama. Sva mjerenja se obavljaju po zahtjevima BAS/ISO/EN standarda/metoda.

Mjerenje emisije zagađujućih materija u zrak iz topionice olova -"TESLA" Brčko / *Measuring of emissions to air from lead smeltery - "TESLA" Brčko*

Mjerenje emisije čvrstih čestica iz postrojenja asfaltne baze gravimetrijskom metodom - "Asfaltplant" Visoko / *Measuring of suspended particles by gravimetric method form asphalt base plant – "Asfaltplant" Visoko*

Snimanje IC kamerom / *Thermal imaging*



Izrada karata buke/
Creating noise maps

Other services:

- *Studies on current state of the environment*
- *Studies and elaborates on assessment of impacts on air and noise levels*
- *Providing other services (sampling and analysis of water, and soil, measuring of ionizing and non-ionizing radiation, monitoring of meteorological parameters, etc.)*
- *Reports for all measurements are being prepared in accordance with relevant legislation requirements and technical guidelines. All measurements are being performed in accordance with requirements of BAS/ISO/EN standards/methods.*

REFERENCE LABORATORIJA

- Mjerenje emisija u zrak i proračuni godišnjih emisija iz stacionarnih izvora za Natron Maglaj, Cementaru Kakanj, Volkswagen, Argetu, Tesla Brčko, Drvoprodukt, Unis Energetiku itd.
- Pružanje konsultantskih usluga u područjima očuvanja kvaliteta zraka za Kanton Sarajevo, Općinu Kakanj, TE Kakanj, TE Stanari, TE Banovići, JP Autoceste FBiH itd.
- Pružanje konsultantskih usluga iz oblasti zaštite od buke, mjerenje, modeliranje uticaja izvora buke na okoliš i izrada karata buke za TE Kakanj, EFT – TE Stanari, TE Banovići, Kanton Sarajevo itd.
- Snimanje termovizijskom kamerom i mjerenje parametara potrošnje energije objekata i postrojenja u okviru energetskog pregleda
- Izvještaj o termovizijskom snimanju za Ahydron Građenje, Sarajevo
- Mjerenje emisije čvrstih čestica za Asfaltnu bazu „Dobojputevi" Maglaj
- Mjerenje emisija u zrak za "Tvoornicu cementa", Kakanj
- Mjerenje emisija u zrak i kvaliteta zraka za "Natron Maglaj"
- Izvještaj o termovizijskom snimanju za Ahydron Građenje, Sarajevo
- Mjerenje buke za Aerodrom Sarajevo
- Mjerenje emisije čvrstih čestica za Asfaltnu bazu "Sarajevoputevi" Misoča, Ilijaš
- Mjerenje emisije čvrstih čestica za Asfaltnu bazu "Asfaltplant" Visoko
- Mjerenje količine taložnog praha za Asfaltnu bazu "Asfaltplant" Visoko
- Mjerenje količine taložnog praha za Rudnik krečnjaka "RKB" Breza
- Mjerenje buke i analiza zemljišta za "UNIS –Gal" Konjic
- Mjerenje emisija u zrak za Toplanu "UNIS Energetika" Travnik
- Mjerenje buke za "Rudnik i Termoelektranu Stanari" EFT Stanari, Doboj
- Izvještaj o termovizijskom snimanju za FAIN-Inzenjering, Sarajevo
- Mjerenje emisija u zrak za Toplanu "UNIS Energetika" Travnik
- Mjerenje buke i analiza zemljišta za "Argetu" Hadžići
- Mjerene i izrada karata buke za Termoelektranu Kakanj
- Mjerenje emisija čvrstih čestica za Fabriku akumulatora Tesla Brčko
- Međulaboratorijsko poređenje ispred Kantona Sarajevo u svrhu odabira laboratorije koje će imati dozvolu da vrše zvanično mjerenje emisija iz ložišta
- Kontrola i ocjena laboratorija ispred Kantona Sarajevo u svrhu odabira laboratorije koje će imati dozvolu da vrše zvanično mjerenje emisija na tehnološkim postrojenjima

LABORATORY

- *Measurement of air emissions and calculations of annual emissions from stationary sources for Natron Maglaj, Cementaru Kakanj, Volkswagen, Argetu, Tesla Brcko, Drvoprodukt, Unis Energetiku etc.*
- *Providing consulting services in the areas of preserving air quality for the Sarajevo Canton, Municipality Kakanj, power plant Kakanj, Stanari power plant, power plant Banovici, JP Autoceste FBiH etc.*
- *Providing consulting services in the field of noise protection, measurement, modeling the influence of noise on the environment and making noise maps for Thermal Power Plant Kakanj EFT - Thermal power stations Stanari, the thermal power station Banovici, Canton Sarajevo, etc.*
- *Recording thermal imaging camera and measuring parameters of energy buildings and facilities within the energy audit*
- *Report of IC thermovision test for Ahydron Gradenje Sarajevo*
- *Measurement of emission on solid particles report for "Dobojputevi" Maglaj*
- *Measurement of air emission, report for "Tvornica Cementa" Kakanj*
- *Measurement of air emission, report for "Natron-Hayat" Maglaj*
- *Report of IC thermovision test for Ahydron Gradenje Sarajevo*
- *Measurement of noise for Airport Sarajevo*
- *Measurement of emission on solid particles report for "Sarajevoputevi" Sarajevo*
- *Measurement of emission on solid particles report for "Asfaltplant" Visoko*
- *Measurement of dust precipitation for "Asfaltplant" Visoko*
- *Measurement of dust precipitation for open-pit limestone "RKB Breza" Breza*
- *Measurement of noise and solid analyses for "UNIS-Gal" Konjic*
- *Measurement of emission on solid particles report for "Unis Energetika" Travnik*
- *Measurement of noise for "Coal mine and Thermal power plant" EFT Stanari*
- *Report of IC thermovision test for FAIN–inzenjering, Sarajevo*
- *Measurement of emission on solid particles report for "Unis Energetika" Travnik*
- *Measurement of noise and solid analyses for "Argeta" Hadzici*
- *Measurement of noise and noise mapping for thermal power plant "TE Kakanj"*
- *Measurement of emission on solid particles report for facility for recycling ild batteries, smelter and refining led "TESLA" Brcko*
- *Interlaboratory comparisons in front of the Sarajevo Canton for the purpose of selecting laboratories that will be licensed to perform the official measurement of emissions from the firebox*
- *Monitoring and evaluation laboratory in front of the Sarajevo Canton for the purpose of selecting laboratories that will be licensed to carry out official emissions measurement on technological facilities*

Edukacija

U sektoru edukacije razvijen je niz programa za stručno usavršavanje iz područja regulisanja emisija u zrak, upravljanja kvalitetom zraka, upravljanja otpadom, upravljanja rizicima, energijske efikasnosti, kao i okolinske legislative BiH i EU. Programi se pripremaju i provode u skladu s aktuelnom tematikom u pojedinim stručnim oblastima ili se dizajniraju prema specifičnim potrebama naših klijenata.

Edukacija iz oblasti okoliša

- Škola za zanimanje „Stručnjak za upravljanje otpadom" prema nomenklaturi zanimanja u F BiH, šifra - 214922
- Stručni seminari iz oblasti mjerenja emisija u zrak i mjerenja buke
- Stručni seminari vezani za specifične teme i potrebe naših klijenata

Edukacija iz oblasti energije

- Program osposobljavanja i usavršavanja za energetske preglede i energetsko cetrificiranje objekata sa jednostavnim (Modul 1) i složenim (Modul 2) tehničkim sistemima - prema Rješenju br. UPI/03-23-2-209/11, Federalnog Ministarstva prostornog uređenja od 20.10.2011. godine.
- Škola za zanimanje „Stručnjak za upravljanje energijom i vodom" prema nomenklaturi zanimanja u F BiH, šifra - 214923
- Stručni seminar - Mjerne metode kod izvođenja energijskih pregleda
- Savjetovanje o energetici u BiH sa međunarodnim učešćem
- Stručni seminari iz oblasti energije/energijske efikasnosti prilagođeni potrebama klijenata.

Rad u grupama i praktični rad/
Group and practical work

Education

A number of expert training programs have been developed within the Education Department, especially in fields of regulation of air emissions, air quality management, waste management, risk management, energy efficiency, both local and EU legislation related to environment and energy. Training programs are being developed and conducted in accordance with relevance for a certain expert field, or they are designed on the basis of our clients` specific needs.

Education in the field of environment:

- *School "Waste Management Specialist" – registered in the Nomenclature of Professions of FB&H under code 214922*
- *Expert seminar for measurement of air emissions and noise levels*
- *Expert seminars related to specific topics and the needs of our clients*

Education in the field of energy:

- *Training programs for energy audits and energy certification of buildings for simple (Module 1) and complex (Module 2) technical systems - according to the Decision No. 02/10 of the Federal Ministry of Spatial Planning from 31st of December, 2010.*
- *School "Energy efficiency and energy management" - registered in the Nomenclature of Professions of FB&H under code 214923*
- *Expert seminar - Measuring methods for performing energy audits*
- *Energy Council of B&H with international participation (bi-annual)*
- *Expert seminar in the field of energy/energy efficiency on the basis of clients` needs*

Učesnici seminara /
Participants of the seminar

Stručne edukacije /
The professional education

Konferencije i savjetovanja /
Conferences and counseling

REFERENCE EDUKACIJA:

- Konferencija „Energetska efikasnost i obnovljivi izvori energije - berza projekata", Fond za zaštitu okoliša FBiH
- Savjetovanje „IV Savjetovanje o energetici u BiH sa međunarodnim učešćem - energetska efikasnost i obnovljivi izvori energije"
- Seminar „Upravljanje kemikalijama i opasnim materijama, prevencija i reagovanje u incidentnim situacijama" - REACH, opasni otpad - azbest i otpadna ulja - prevencija i sakupljanje
- Seminar „Upravljanje ambalažnim, električnim i elektronskim otpadom - zakonski okvir i praktična primjena"
- Stručni seminar „Izvođenje građevinskih radova u pogledu okolinskih obaveza"
- Obuka „Program osposobljavanja i usavršavanja za lica koja vrše energetske preglede i energetsko certificiranje" Modul 1 i Modul 2
- Radionica „Praktična obuka za stručna lica koja se bave mjerenjem i monitoringom emisije u zrak"
- Seminar „Otpad kao šansa, obaveza i odgovornost"
- Seminar „Usklađivanje zakonodavnog okvira po pitanju okolinskih dozvola sa Direktivama EU i buduće obaveze industrije"
- Radionica „Podrška industriji u procesu apliciranja za IPPC dozvole", REIC
- Seminar "Energijska efikasnost u građevinarstvu - novi izvori konkurentske prednosti"
- Seminar „Upravljanje opasnim otpadom u funkciji zaštite okoliša"
- Seminar "Okolina, zdravlje i sigurnost kod izvođenja građevinskih radova"

EDUCATIONS:

- *Conference on "Energy Efficiency and Renewable Energy - stock market projects," Fond za zastitu okolisa FB&H*
- *4th Energy Council of Bosnia and Herzegovina with international participation - Energy Efficiency and Renewable Energy*
- *Management of chemicals and hazardous substances, prevention and response in case of an emergency*
- *Education "Managing packing, electrical and electronic waste" - legal framework and practical application*
- *Training "Energy efficiency in construction - new sources of competitive advantage"*
- *"Construction works in terms of environmental obligations"*
- *Training program for persons conducting energy audits and energy certification module 1 and module 2*
- *Practical training for professionals who work measurement and monitoring of air emissions*
- *"Waste as a chance, obligation and responsibility"*
- *"Harmonization of the legal framework regarding environmental permits with the EU Directives and future obligations of the industry"*
- *Workshop "Supporting industry in the process of applying for an IPPC permit," REIC*
- *Training "Energy efficiency in construction - new sources of competitive advantage"*
- *"Hazardous waste management in order to protect the environment"*
- *Training "Environment, health and safety of construction works"*
- *"The issue of CO_2 emissions, commitments, projects to reduce CO_2 emissions and reduce CO_2 emissions certification (CDM, CER ...)" EP B&H*

- Seminar „Problematika emisije CO_2, obaveze, projekti smanjenja emisije CO_2 i certificiranje smanjenja emisije CO_2 (CDM, CER...)" EP BiH
- Seminar "Okolinsko upravljanje i upravljanje medicinskim otpadom" KCUS
- Seminar "Međunarodni propisi iz domena zaštite okoline i implementacija", JP Elektroprivreda BiH
- Okrugli stol „Model upravljanja animalnim otpadom", Fond za zaštitu okoliša FBiH
- Savjetovanje „III Savjetovanje o energetskoj efikasnosti u BiH sa međunarodnim učešćem„
- 3 škola „Stručnjak za upravljanje otpadom" - Stepen 2
- Seminar „Upravljanje kvalitetom zraka i suzbijanje klimatskih promjena"
- Obuka „Program osposobljavanja i usavršavanja za lica koja vrše energetske preglede i energetsko certificiranje"
- Obuka „Energetska efikasnost u stambenim lokalnim objektima u okviru Programa oporavka regije Srebrenica"
- Škola „Energetska efikasnost i energetski menadžment"
- Seminar- trening „Poboljšanje energijske efikasnosti u stanogradnji" pod organizacijom IFC-a i MKO EKI, Sarajevo i Tuzla
- Stručni kolokvij "Regulisanje emisije SO_2 iz termoenergetskih postrojenja u Jugoistočnoj Evropi"
- Savjetovanje „II Savjetovanje o komunalnoj energetici - energijska efikasnost i obnovljivi izvori energije"
- Seminar „Male hidroelektrane u FBiH", IFC
- 9 škola „Stručnjak za upravljanje otpadom" - Stepen 1
- Seminar „Adaptacija privrede Bosne i Hercegovine klimatskim promjenama"
- Trening program „Obuka inženjera za sprovođenje energijskog audita"
- Radionica „Popularizacija okolišnih zakona - izazovi okolišne dozvole" - Lukavac
- Savjetovanje „ I Savjetovanje o komunalnoj energetici u BiH sa međunarodnim učešćem"
- Stručni seminar „Okolina, zdravlje i sigurnost kod izvođenja građevinskih radova"
- Stručni skup "Energijska efikasnost - imperativ budućnosti"
- Radionica "Osnovi i primjena standarda ISO 14001, značaj okolinske dozvole, metodologija i procedura pripreme i izdavanja okolinske dozvole"
- Organizacija okruglog stola „Smanjivanje toplotnih gubitaka u zgradama u Kantonu Sarajevo"
- Radionica „Popularizacija okolišnih zakona – izazovi okolišne dozvole, Federalno ministarstvo okoliša i turizma
- Stručni skup „Protokol iz Kjota"

- *Training "Environmental control and management of medical waste" Clinical Center of Sarajevo University*
- *"International regulations in the domain of environmental protection and implementation of the JP Elektroprivreda B&H*
- *Round table "The management model with animal waste," Fond za zastitu okolisa FB&H*
- *3th Energy Council of Bosnia and Herzegovina*
- *Schools for Waste Management Associates – level 2 (three times)*
- *Air quality and climate change mitigation*
- *Training program for persons conducting energy audits and energy certification*
- *Training in energy efficient housing to local stakeholders within the Srebrenica Regional Recovery Programme (SRRP)*
- *School "Energy efficiency and energy management"*
- *Seminar-Training "Improving energy efficiency in housing" under the organization the IFC and the MKO EKI Sarajevo and Tuzla*
- *Professional meeting „Regulation of SO_2 emissions from thermal power plants in South Eastern Europe"*
- *2nd Energy Council of Bosnia and Herzegovina*
- *Small Hydro Power Plants in FBiH, IFC & CETEOR d.o.o. Sarajevo*
- *1st Schools for Waste Management Associates – level 1 (nine times)*
- *Seminar "Adaptation of the Bosnia and Herzegovina Climate Change"*
- *Training program "Training of engineers for carrying out energy audits"*
- *"Popularization of environmental permit" for Federal Ministry of environmental and tourism, Lukavac*
- *1st Energy Council of Bosnia and Herzegovina*
- *Training "Environment, health and safety of construction works"*
- *Conference "Energy Efficiency - the imperative of the future"*
- *Workshop on "Fundamentals and applications of ISO 14001, the importance of environmental permits, methodologies and procedures of preparation and issuance of environmental permits" - Gracanica*
- *The organization of the round table "The reduction of heat losses in buildings in the Sarajevo Canton"*
- *"Popularization of environmental permit" for Federal Ministry of environmental and tourism*
- *Kyoto Protocol - opportunity for sustainable development of Bosnia and Herzegovina*
- *Legal obligations for preparation of existing companies for obtaining environmental permit – Activity plan with measures and deadlines for gradual emission decrease, namely decrease of pollution and fine-tuning with best available technology, Ljubuski*

- Seminar „Zakonske obaveze za pripremu postojećih preduzeća za dobijanje ekološke dozvole, Plan aktivnosti sa mjerama i rokovima za postupno smanjenje emisija, odnosno zagađenja i za usaglašavanje sa najboljom raspoloživom tehnikom“
- Seminar „Mjerenje utroška toplote u sistemima centralnog grijanja Travnik“
- Edukacija „Sistem okolinskog upravljanja - ISO 14001“, Sarajevošume
- Seminar „Uspostava lokalnog monitoringa kvaliteta zraka/vazduha“
- Seminar „Osigurajte profit sa zdravstveno ispravnom hranom“
- Okrugli stolovi „Analiza usklađenosti BiH legislative iz oblasti reciklaže otpada“
- Seminar- trening „Poboljšanje energijske efikasnosti u stanogradnji“ pod organizacijom IFC-a i MKO EKI
- Seminar „Priprema postojećih pogona i postrojenja u cilju dobijanja okolinske dozvole“
- Seminari iz oblasti zaštite zraka od zagađivanja: „Monitoring kvaliteta zraka“ i „Praćenje emisije zagađujućih materija iz stacionarnih izvora“
- Seminar „Aspekti zaštite okoliša, zdravlja i sigurnosti na radnom mjestu kod realizacije infrastrukturnih projekata“, Banja Luka i Sarajevo, SEED- IFC-WB
- Seminar „Održiva energetika“
- Seminar „Okolinska legislativa“
- Predavanje „Iskustva u izradi Studija uticaja na okolinu“
- Seminar „Interni auditor za ISO 14001“
- Seminar „Programi međunarodne okolinske podrške Bosni i Hercegovini“
- Seminar „Zaštita okoline i okolinsko upravljanje“, KJKP Toplane Sarajevo
- Seminar za „Sistem okolinskog upravljanja po ISO 14001 za top menadžment“, Toplane Sarajevo
- Seminar „Interni auditor za ISO 14001“
- Obuka osoblja za „Sistem okolinskog upravljanja po ISO 14001 - aspekti, uticaji, ciljevi, programi“, Bosnalijek-Sarajevo
- Predavanje „Osnove zaštite okoline“ (za sve zaposlene), Bosnalijek-Sarajevo
- Seminar „Povećanje energetske efikasnosti preduzeća“
- Seminar „Upravljanje kemikalijama i upravljanje rizicima“
- Seminar „Regionalno upravljanje krutim otpadom“
- Seminar „Okolinska komponenta upravljanja preduzećem“
- Organizacija seminara „Standardizacija zaštite okoline u BiH”
- Organizacija seminara „Pristup problematici tretmana lijekova isteklog roka trajanja“

- *Seminar “Measuring the expenditure of heat in central heating systems Travnik”*
- *Education „ Environmental Management System ISO 14001 “ for Sarajevosume*
- *“Setting up of air quality local monitoring”, Kakanj*
- *How to secure profit by healthy correct food, Sarajevo*
- *“Gap analysis EC waste recycling legislation versus current B&H legislation” for IFC/World Bank Group*
- *Seminar- training „ Energy efficiency improvement in housing” for IFC/World Bank Group and MKO EKI, Sarajevo and Tuzla*
- *Seminar “Prepare existing installations for purpose providing environmental permit”*
- *Seminar from air pollution prevention domain “Air Quality Monitoring” and Seminar “Emission from Stationary Source Monitoring”, Sarajevo*
- *Seminar “Aspects of environment protection, health and security at work place during realization of infrastructure projects, Banja Luka and Sarajevo, IFC/ WB*
- *Seminar “Sustainable Energy”, Sarajevo*
- *Seminar “Environmental Legislation” in Sarajevo*
- *Lecture “Experience in the preparation of Environmental Impact Study”*
- *Seminar “Internal auditor for ISO 14001”, Bjelasnica*
- *Seminar “Programs of international environmental support to Bosnia and Herzegovina”*
- *Seminar “Environmental protection and environmental management” (for all employees), KJKP Toplane Sarajevo*
- *Seminar on “Environmental management system in accordance with ISO 14001” for top management, Toplane Sarajevo*
- *Seminar “Internal auditor for ISO 14001”, Neum*
- *Staff training for “Environmental management system in accordance with ISO 14001 – aspects, impacts, goals, programs”, Bosnalijek-Sarajevo*
- *Lecture “Environmental protection basics” (for all employees), Bosnalijek-Sarajevo*
- *Seminar “Enterprise energy efficiency increase”*
- *Seminar “Chemical and risk management”*
- *Seminar “Regional solid waste management”*
- *Seminar “Environmental component of enterprise management”*
- *Organization of seminar “Standardization of environmental protection in BiH”*
- *Organization of seminar “Approach to problems of expired medicines treatment”, Tuzla*

IZDAVAČKA DJELATNOST

- PLAVA KNJIGA “Okolina u strategijama razvoja BiH – Vodič za menadžment” (autori: S. Šator, J. Čomić i A. Knežević) (2004)
- Eko-biblioteka “Biznis i okolina” (2000)
- Englesko – bosansko/hrvatsko/srpski glosari okolinskog upravljanja (autori: J. Čomić i A. Knežević) (2002)
- “Gazdovanje šumama” (autor: dr. Nešad Bojadžić, 2001)
- EKO SKRIPT
  - SAOBRAĆAJ (1): Pristup okolini kod projektovanja saobraćajnica
  - ENERGIJA (1): Efikasnost industrijske energetike
  - KLIMATSKE PROMJENE (1): Putevi rješavanja problematike klimatskih promjena
  - RIZICI (1): Osnove upravljanja rizicima
- Prirodni gas (Termoenergetske karakteristike i karakteristike sagorijevanja) (autor: Rešidović, M., 1999)
- Održivi razvoj u obnovi i razvoju Bosne i Hercegovine (autor: dr A.Knežević, 1995)
- “ABC procjene ratne štete nanesene imovini i poslovanju” (autor: dr A.Knežević, 1995)

PUBLISHING ACTIVITY

- *BLUE PAPER: “Environment in Developing Strategies B&H - Guide for management” Ceteor, Sarajevo (2004)*
- *Eco-library “Business and Environment”, (six publication in 2000)*
- *Environmental Lexicon (English – Bosnian and Bosnian – English) (author: dr. A.Knezevic, J. Comic) (2001)*
- *“Forest management “ (author: dr. Nesad Bojadzic, 2001)*
- *ECO SCRIPT*
  - *TRAFFIC (1): Environmental approach in designing of road networks and communications*
  - *ENERGY (1): Efficiency of energy use in industry*
  - *CLIMATE CHANGE (1): Solving the problems of Climate change*
  - *RISK (1): Basics of risk management*
- *Natural gas (four books), author M. Residovic (1998-99)*
- *Sustainable development in reconstruction and development of Bosnia and Herzegovina (the book, author: dr. A.Knezevic, 1995)*
- *ABC of evaluation of war damage to property and business (author: dr. A.Knezevic, 1995)*

EKO CET

Osnovna djelatnost poslovne jedinice EKO CET je zastupanje i distribucija renomiranih inostranih brendova i njihovih proizvoda iz oblasti zaštite na radu i okoliša, energijske efikasnosti i laboratorijske opreme na tržištu Bosne i Hercegovine.

Potpisivanjem Ugovora o poslovnoj saradnji CETEOR d.o.o. Sarajevo je postao ekskluzivni zastupnik i distributer za proizvodni asortiman R.A.W. Handel und Beratungs GmbH iz Njemačke. RAW je poznata internacionalna kompanija sa sjedištem u Njemačkoj koja svojim kupcima nudi širok asortiman proizvoda u cilju prikupljanja i prevencije rasutih ulja, hemikalija i drugih štetnih materija.

Asortiman se može podijeliti u 16 grupa i to:

- Tankvane
- Bazeni za prihvat tečnosti
- Ormari za opasne materije
- Sigurnosni kontejneri
- Oprema za burad
- Vezivna (adsorpciona) sredstva za ulja i hemikalije
- Podne prostirke
- Setovi za reagovanje u hitnim slučajevima
- Drenažni poklopci
- Sredstva za čišćenje
- Krpe za čišćenje
- Uljne barijere
- Uljni skimeri
- Pojasni skimeri
- Radne prosirke
- Alternativni proizvodi za zimske uslove

GreenStuff

Ölsperre_Netz

Rutsch-Ex

EKO CET

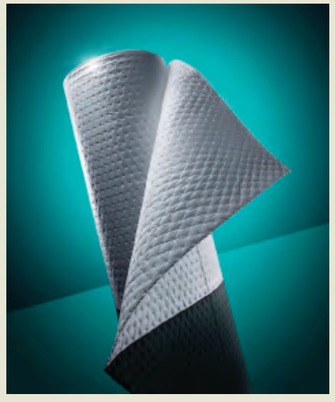
The main activity of the business unit EKO CET is the representation and distribution of renowned foreign brands and their products in the field of occupational safety and environmental protection, energy efficiency and laboratory equipment on the Bosnia and Herzegovina market.

By signing the Contract on business cooperation CETEOR Ltd. Sarajevo became the exclusive agent and distributor for the product range of RAW Handel und Beatings GmbH from Germany. RAW is a known international company based in Germany that offers to its customers a wide range of products in order to collect and prevent leakage of oil, chemicals and other harmful substances.

We can offer this range of products:

- *Oil and Chemical Sorbents*
- *Containment Sumps*
- *Recovery Tanks and Container Tanks*
- *Hazardous Materials Storage Cabinets*
- *Safety Cans*
- *Drum Equipment*
- *Absorbent and Floor Protection Mats*
- *Spill Emergency Products*
- *Drain Covers/Sealing Systems*
- *Cleaners*
- *Oil Booms*
- *Oil Skimmers*
- *Cleaning and Wiping Cloths*
- *Belt Skimmers and Filtration Systems*
- *Workplace Mats*
- *Alternative Agents for Winter Road Clearance*

Testpaket


Tuchrolle

Elephant_Sorb

REFERNCE EKO CET:

- Nabavka i isporuka GreenStuff absorbenta – JP EP BiH ED Tuzla
- Nabavka i isporuka sredstava za adsorbciju rasutih ulja i hemikalija na čvrstim i vodenim površinama – JP EP HZHB HE Čapljina
- Nabavka i isporuka sredstava za čišćenje i apsorciju u Delta Petrol
- Nabavka apsorbenata za uljna i hemijska onečišćenja za potrebe Podružnice "Hidroelektrane na Neretvi" Jablanica

EKO CET

- *Supply and delivery of GreenStuff*
- *Supply and delivery of oil and chemical sorbents on solid and water surfaces*
- *Supply and delivery of cleaners and sorbents for Delta Petrol*
- *Supply and delivery of oil and chemical sorbents for the need of HPP Neretva-Jablanica*

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