

Preparation of the main project for investment in railway infrastructure

Client

Delegation of European Union to Montenegro



Results of the project will help the economic growth of Montenegro improving the efficiency, effectiveness and safety of existing facilities and transportation services, primarily as a catalyst for investment in the sector of railway transport.

Project involves preparation of Detailed designs for rehabilitation of the rail line Bar-Vrbnica (border with Serbia). The Detail designs cover civil-engineering infrastructure designs for sections Kolašin – Podgorica and Podgorica – Bar. It is also included the electro-technical infrastructure designs concerning radio-communication system, remote control system for traction stable plants, replacement of feeder devices for signalling and telecommunication in stations, inter-station dependence control system, station sections control system, visual information system for passengers in 6 stations.

Preparation of the Preliminary design of the reconstruction of the Žeželj bridge in Novi Sad and Tender documents preparation

Client

Italferr



Project contributed to the reconstruction of road infrastructure in Serbia that is damaged or destroyed during the bombing and to establish the direction of strengthening the transport Corridor X.

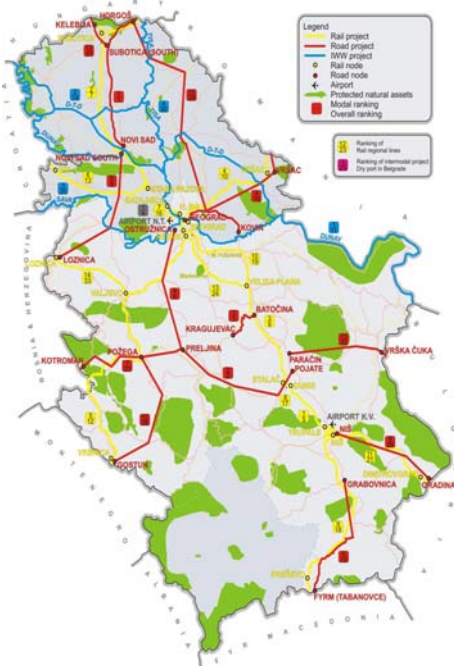
The purposes of this contract were to carry out topographic, hydraulic, geotechnical investigation of the site with intrusive survey of the existing foundations in order to determine if they are suitable for reuse in the construction of the new bridge and to design the new bridge to replace the old one which was destroyed during an air raid and to prepare tender documentation that will allow for procurement of a Works contract for the construction of the new Rail/Road Bridge

IIPP provided all activities related to the local project management.

General Master Plan for Transport in Serbia

Client

Delegation of European Commission to the Republic of Serbia



The overall objective of the General Masterplan for Transport in Serbia (GMTS) was to contribute to expanded, improved and safer transport networks, which will attract new investments to the poorer regions, improve the quality of regional life, promote trade and contribute to the improvement of relations with neighbouring countries.

General Master Plan for Transport in Serbia (GMTS) provided the framework for infrastructure financing (by Government of Serbia, EU and others) in the transport sector during the period to 2027. and its output is economically and technically justified, practical comprehensive rolling investment program for the transport sector for the period that also satisfies the social objectives of the Government of Serbia.

Results were achieved in two portions:

Transport Model Production, with updateable databases and multi-modal transport model, which can be later up-dated by Mol incorporating sub-modes

Production of a Master Plan with coherent package of projects for investments, (technical, political and other risks are explicitly stated), draft ToR for detailed feasibility studies for the projects in the first five years of the programme and support plan for the following implementation of the GMTS.

Functional compatibility between existing tram subsystem and future LRT in terms of vehicles

Client

City public transportation company Belgrade

Further development of the Belgrade tram subsystem provides, among others, the acquisition of new high performance trams. Those trams have to be functionally compatible with the future LRT system. The main aim and objective of this research was to establish technical boundaries for purchase of new trams in order to be compatible with future LRT subsystem, which will be developed in line with solutions of the Belgrade Master Plan.

On the basis of conducted analysis and adopted assumptions concerning operation, range of nominal voltages and position of tram turntable main technical and performance characteristics of new trams were given. Result were delivered to the City public transportation company Belgrade and they will be taken in consideration during purchase of new trams.

Condition of vehicle fleet in Serbia and maintenance quality

Client

Ministry of science to Republic of Serbia

Study dealt with the analysis of the relevant parameters of vehicle fleet in Serbia, the status and quality of maintenance, pointing to the possibility of improving transport performance by improving the quality of maintenance. Research was conducted with large number of major traffic and transport companies, major manufacturers, importers of vehicles and authorized service providers. Based on identification of factors that influence the energy efficiency in transport appropriate suggestions for improvement actions were given to the relevant Ministry

Cost - benefit analysis of Belgrade tram rolling stock

Client

City of Belgrade



In order to improve the situation in public transportation – especially in tram sector, City of Belgrade order the a.m. project in order to estimate investments in the reconstruction of the existing trams, purchase of new or other alternative solutions with purpose to achieve maximum efficiency within the fleet given budget.

The project involved analyses of the existing condition of the tram rolling stock, development of possible scenarios for the renewal of the rolling stock, expected direct and indirect effects and benefits in the exploitation for each suggested scenario. Cost-benefit analyses were done for the period of 10, 20 and 30 years for each of suggested options with multi-criteria evaluation of the total coast and effects for the envisaged options.

Review and analysis of regulations in use within European countries with purpose of traffic energy efficiency improvement

Client

Ministry of science to Republic of Serbia

Traffic is certainly of vital importance for the further development of Belgrade and Serbia, as its influence directly and indirectly impact on all aspects of economic and social life. This study analysed regulations and measures applied in other European cities in order to increase energy efficiency. Project was delivered to the Serbian Ministry and represents the basis for further decision-making related to the introduction of regulation within the transport sector in order to increase energy efficiency.