



The
technological
solutions



Professional Vision

Ircon Design Bureau has focused its professional development in the area of design and consulting services for the investment realization of complex projects for industrial and public use. Our projects are based on engineering approach and integral process management.

We rely on highly qualified team of professionals, who have proven their skills in the long run. We at Ircon concentrate our efforts and address our activities entirely to Customer's support, while respecting moral standards and public regulations and implementing responsible professional behavior to the surrounding natural and social environment.

The main driving force in our business is the knowledge acquired through the sound professional tradition, scientific approach and modern computer technologies. We believe that striving for perfection is an endless source of energy and creativity.

Team

A highlight of Ircon projects is achieving interdependence and complexity of the offered architectural, structural and engineering solutions. Ircon Design Bureau operates with permanent staff and relies on the creativity of each employee. We work continuously to improve our professional skills and acquire new knowledge, as well as establish a well-balanced working environment for our staff.

Ircon has a permanent staff of major subject matter experts involved in the investment projects and cooperates with a selected number of prominent partners and reliable suppliers.

The Ircon team has successfully developed, implemented and certified ISO 9001:2008 Quality Management System.

Experience and specialization. Software and technologies

Ircon Ltd. is a bureau for complex design and engineering consultancy business specializing in projects of industrial and public use, steel constructions, infrastructure, engineering facilities and facade engineering. Our expertise includes:

- ✓ Projects of public and commercial use
- ✓ Industrial installations and industrial projects
- ✓ Engineering facilities and bridges
- ✓ Detailed design and CAD CAM technologies
- ✓ Facade engineering

In this presentation, Ircon Design Bureau would like to share with you, our present and future customers, its 17 years of experience in the realization of a great number of projects, both in the country and abroad.

Ircon strives to look far into the future, relying on the use of the most modern computer technologies towards its goal to offer a comprehensive and high quality expertise and consulting services. In order to realize our ideas in the field of investment projects in an effective and comprehensive manner, we use integral software environment for conceptual, technical and detailed design known as BIM (Building Information Model). Working with BIM enables us develop our projects in a virtual computer environment and synchronize all systems of the buildings or facilities that we design. Employing BIM enables us to perform an integral management of the processes related to designing, planning, production management, installation and construction, as well as to ensure the proper operation and maintenance of our projects. Using BIM makes Ircon's projects convertible and applicable worldwide. Our detailed design of steel constructions is the best developed branch employing BIM. It is based on the CAD technologies and has a CAM orientation to steel construction manufacturers.



Team

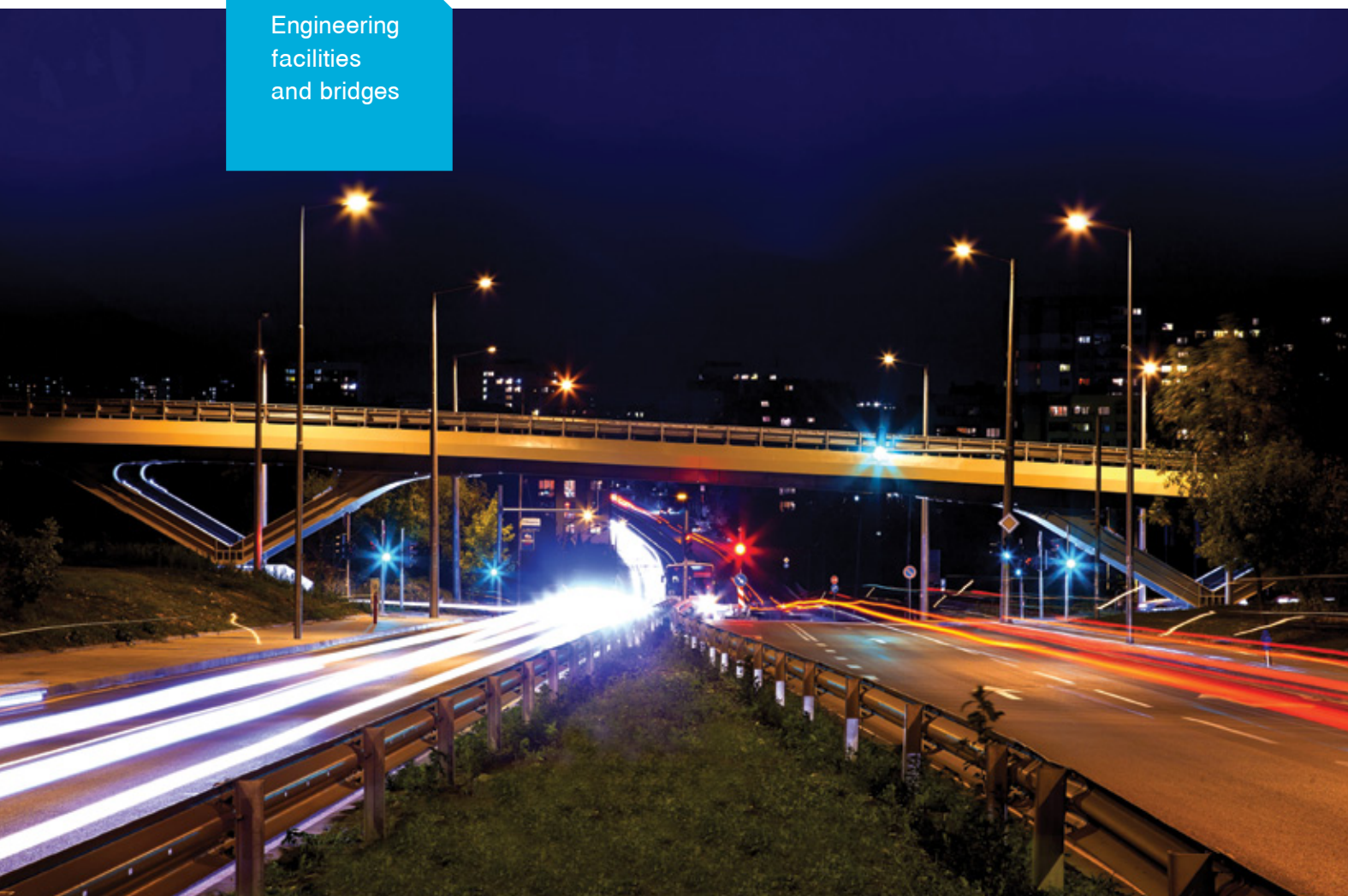


Engineering facilities and bridges

The design of engineering facilities and bridges is a branch in the progress of Ircon design style, which has been very intensively developed by the company in the recent years. Our profound knowledge in the field of steel constructions, computer analysis and CAD technologies enables us offer advanced and competitive solutions to the Customer.

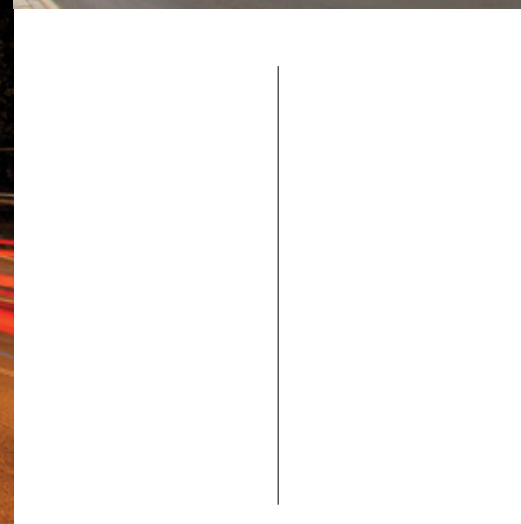


Engineering facilities and bridges

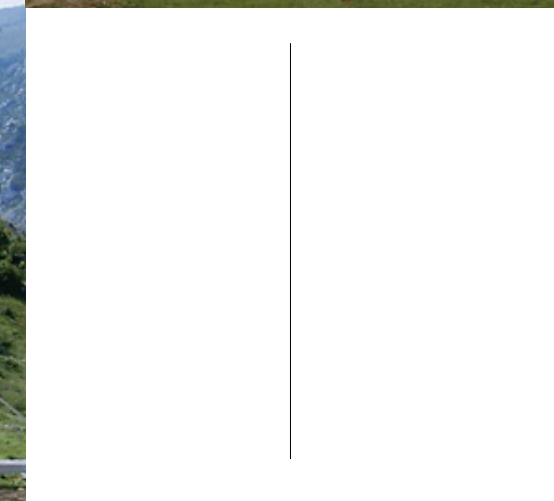
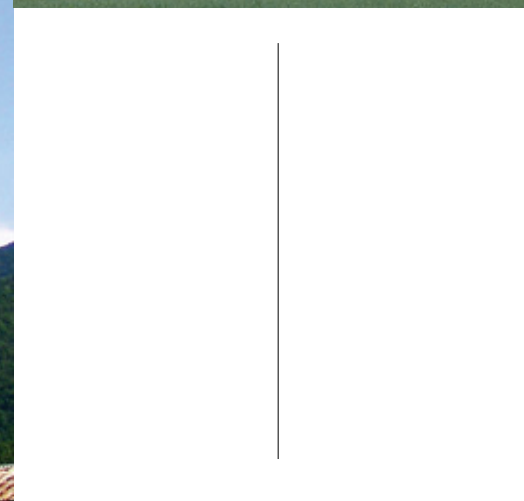


Bridge at the junction of Saharov blvd. and Lyapchev blvd. – Sofia

The Road bridge has been designed as a steel frame bridge developed in horizontal and vertical curved line. The bridge has two lanes, three spans - respectively 20, 40 and 20 meters, and is designed as a steel structure with an orthotropic plate. Highlights in the selected solution are the characteristic V- shaped pillars and anesthetized constructive form of the frame joints. The structural shape-forming is subject to the need for respective aesthetic appeal of the facility to the surrounding urban environment.



Engineering facilities and bridges



Telecommunication towers

For the purpose of GSM operators' expansion in Bulgaria, Ircon Ltd. has designed more than 50 projects with telecommunication towers, poles and mobile stations. Ircon's trademark is a facility called Telemob 30, which is a 30 meter high mobile tower designed for direct installation on the terrain. This facility has been realized over 200 times on the territory of Bulgaria and the neighboring countries.

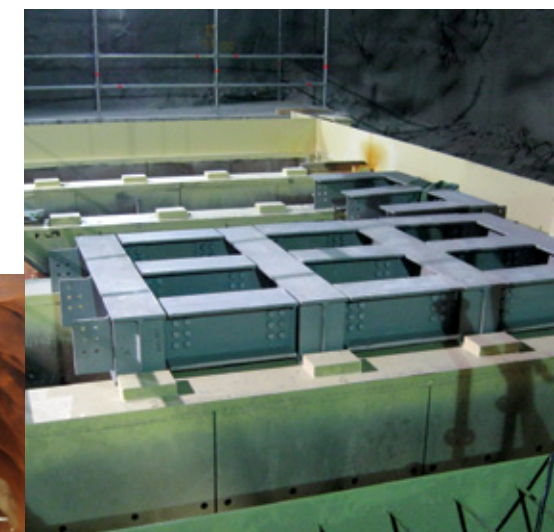


Engineering facilities and bridges



Underground installation for ore crushing, sorting and transportation for the needs of Chelopech Mining JSC

The facility is an underground plant in the mine galleries of Chelopech mines and is designed to carry out crushing, sorting and transportation of the excavated ore. Within this overall project Ircon has made a detailed design of steel constructions, detailed design of hoppers and chutes and detailed mechanical design of almost 4,000 meters of underground conveyor galleries and adjoining refilling stations. The project is characterized by complex control and synchronization of data obtained from various foreign suppliers and adapting of the so called vendor data to the project needs.





Clients and Partners

During its seventeen year history Ircon Design Bureau has worked for companies and public organizations of various business sectors and public life. We are proud of the results achieved and the wonderful relationship we have with clients, such as:

„Liebherr Hausgeraete Maritza Ltd.
Baumit Bulgaria Ltd.
Nestle Bulgaria JSC
Inter Expo Centre JSC
Trade center Boyla
ADF Bulgaria Ltd.
Actavis - Dupnitsa /Balkanpharma/
Gorenje Bulgaria Ltd.
Swissmod clothing company
Parallel Ltd.
Technoexport Ltd.
Sting JSC Glassco Ltd
Mr.Bricolage
Beautiful Bulgaria Project
Pirin Tex Ltd. /Rollmann/
Biovet JSC
Telelink JSC
Leadcom Bulgaria JSC
Alexander Logistics Ltd
Daewoo Bulgaria
Knauf Gipsfaser JSC
Umicore Med JSC
Heros Ltd.

Bellissimo Business Centre
Ministry of Transport
Metropolitan JSC
Ministry of Finance
Petrol JSC
AMOCO Bulgaria Petroleum Products Ltd.
Forest furniture company
Eco Petroleum Ltd.
Ministry of Youth and Sport
Piccadilly JSC
Boliari JSC
Daks-96 Ltd.
Diado Bojko Ltd.
Biomashinostroene JSC
Interlogistica Ltd.
Office Express Services Ltd.
Prophex bioproducts Ltd.
Metix Ltd.
Alex EA
Natonal Sport Base JSC
Chelopech Mining JSC
Balkan Mineral and Mining JSC
KCM JSC
Trimo d.d.

Of course we should not miss to mention our established partners:

Hochtief Bulgaria
Star bat Bulgaria Ltd.
Agrogroup Exact Ltd.
Preciz AI Energy Ltd.
Glavbolgarstroy JSC
At Engineering 2000 Ltd.
Diado Bojko Ltd.
Planex Ltd.
Tilev Architects Ltd.
ELITE Architectural studio
Terna JSC
Trimo Bulgaria JSC

Enemona JSC
VIAPLAN Ltd.
Montage Stroitelni Konstruktzii JSC
Atelier Serafimov Architects Ltd.
Project Management Company Ltd.
Trace Group Hold
ANISA - M
ADA Ltd
Proin JSC
Tanyu Dimitrov & Partners Inc.



Address: 1138 Sofia, 2 L Samokovsko Chaussee str.

Tel.: + 359 (2) 917 54 00

Fax: + 359 (2) 917 54 01

E-mail: office@irconltd.com

Website: www.irconltd.com