



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.

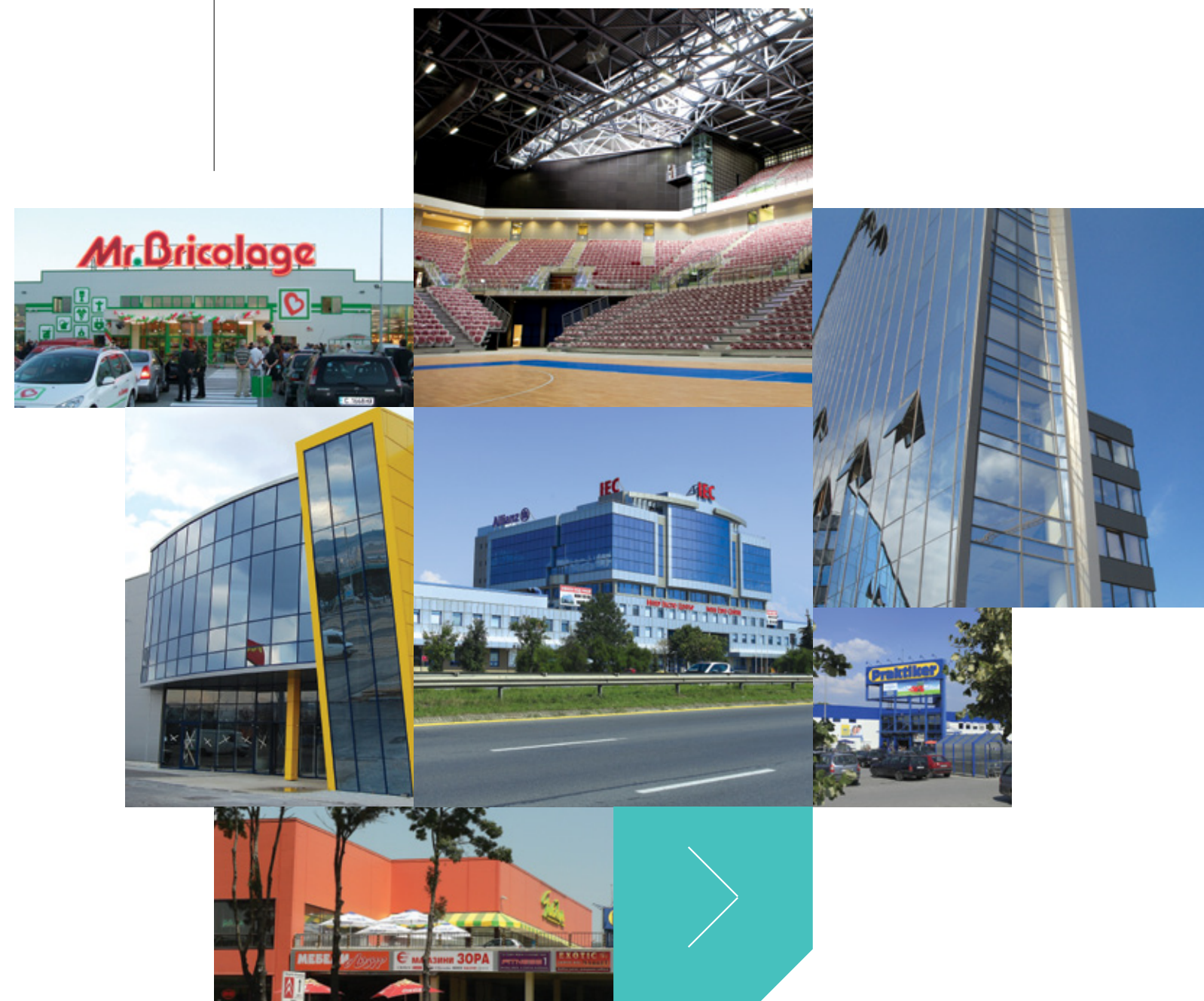


Team



Projects of public and commercial use

In the projects of public and commercial use of crucial importance is the ability to combine the specifics of the precise project use, the resulting functions and form with the modern technological requirements and increased performance and security criteria. In their projects the Ircon team relies on an integrated approach, high quality and flexibility to deadlines. These and other features make us a desired partner for investors of high standards and a clear-cut goal. Our extensive experience, systematic approach and knowledge enables us face the challenges of the tasks to be designed and realized for the first time in Bulgaria.



Projects of public and commercial use

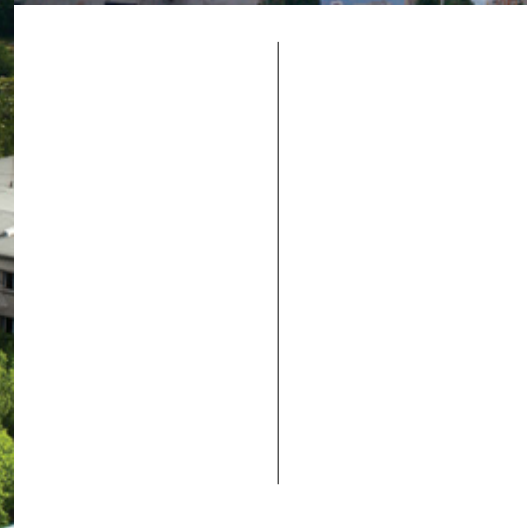
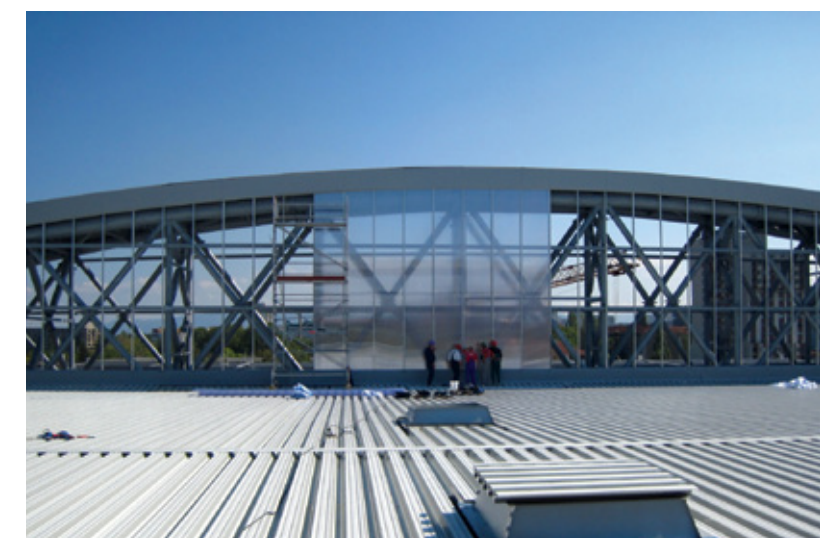


Inter Expo Center – Sofia

Inter Expo Center complex was designed by Ircon Ltd. in the period 1999 - 2006. This important project in the capital has been developed step by step, as the complex has been expanded alongside with its further activities, and the buildings themselves have been expanded both horizontally and vertically. In its final appearance, Inter Expo Center includes six indoor exhibition pavilions, administrative building, congress center, customs terminal and a yard. Ircon Ltd. is the head designer of the complex, with leading architects - Ivan Velchev and Michael Manev. The activities covered in this project are as follows: architecture, building civil & structural design, building engineering installations, facade engineering, road design and landscaping.



Projects of public and commercial use

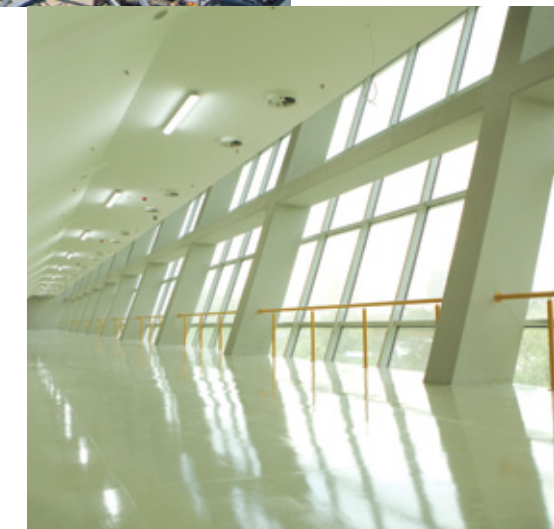
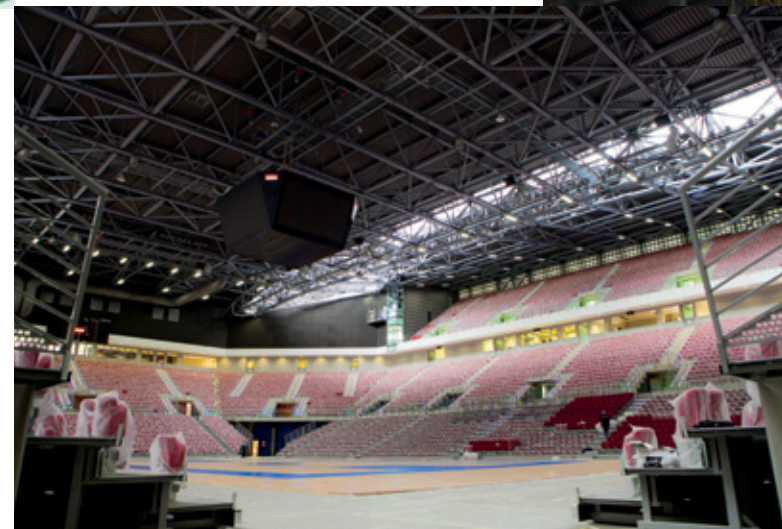


Arena Armeets

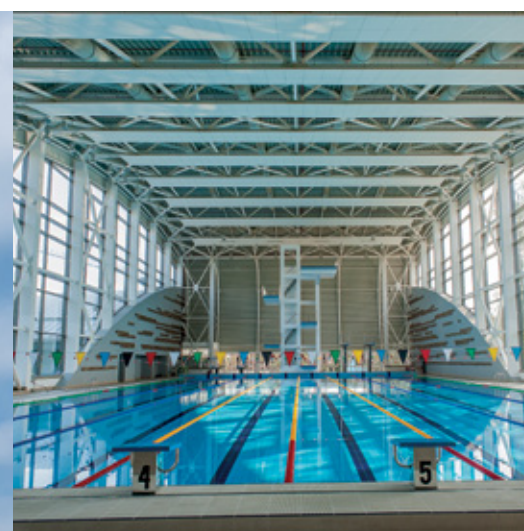


Arena Armeets in Sofia is the largest and most modern multifunctional sports hall in Bulgaria. In 2009 Ircon Ltd. together with Architectural Bureau Tilev Architects and Glavbolgarstroy Building Company won an engineering competition, on which grounds the group of companies had to design and build the sports hall. Arena Armeets has a seating capacity of 12,000 for sporting events and up to 17,000 for concerts. The hall has been designed for more than 30 kinds of sport, and accommodates a sports arena, training complex, pre-training hall, fitness, recovery center, press center and others. In this turnkey project Ircon Bureau has executed the entire preliminary, technical and detailed design of all engineering parts, conducted a continuous production control

of steel constructions, developed the project of the unique by now roof installation, and accomplished supervision during the construction. Arena Armeets is a winner of „Building of the Year“ competition in the category „Sport, culture and education“ and Prof. Dr. Michael Tsankov – Ircon Ltd.'s manager, was awarded as a head designer of the engineering parts. He received the award „Designer of 2011.,“ in the competition of Building Properties newspaper.



Projects of public and commercial use



Kamchiya Sports and Wellness Complex

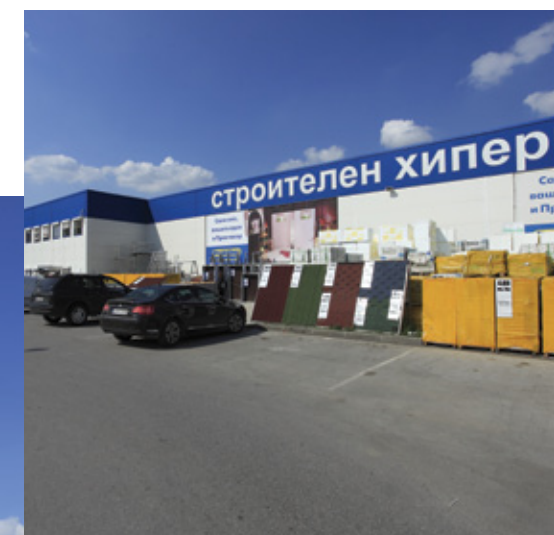


Kamchiya Sports and Wellness Complex is located in the area of the homonymous resort and comprises an ensemble of buildings for sport purposes. Within the complex there are athletics track and games room, outdoor soccer field, Olympic -size swimming pool, hall for gymnastics and table tennis. Ircon Bureau has developed the technical and detailed civil and structural design and accomplished the engineering realization of the steel constructions. The complex is

characterized by its unique form, and Ircon 's facade engineering activities enabled it to be perfectly integrated into the environment. Kamchiya Sports and Wellness Complex was distinguished as the „Building of 2012“ in the category „Sport and Culture“.



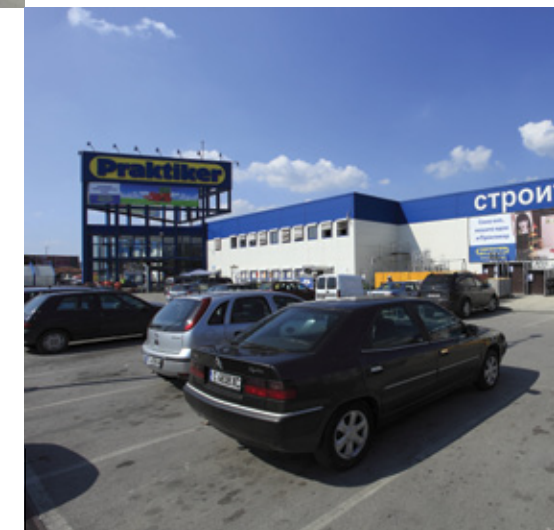
Projects of public and commercial use



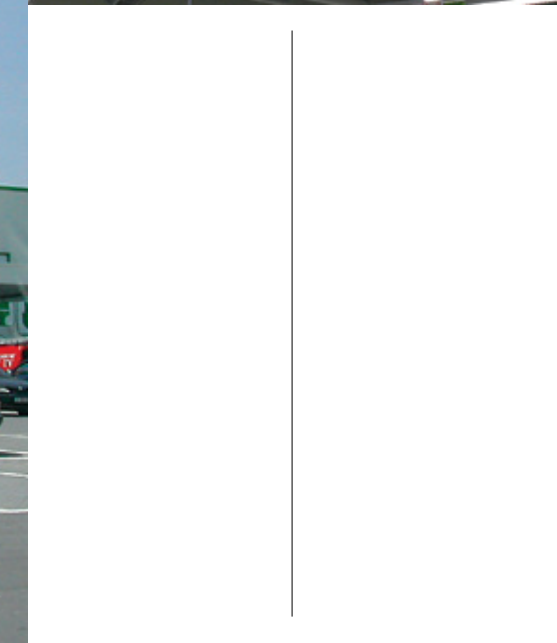
Praktiker Stores

Ircon Ltd. has been the head designer of the pilot project of Praktiker in Bulgaria, located on Tsarigradsko chaussee blvd., and a head designer of the shopping center Praktiker- Piccadilly, located on Vladislav Varnenchik blvd. in Varna. The project is characterized by the fact that for the first time in the country Praktiker's commercial concept has been realized and adapted to the specific fire safety regulations in the country. Praktiker stores have been

built with modern energy- efficient facade panels and the realized technical solution has been justified by a certificate for energy efficiency.

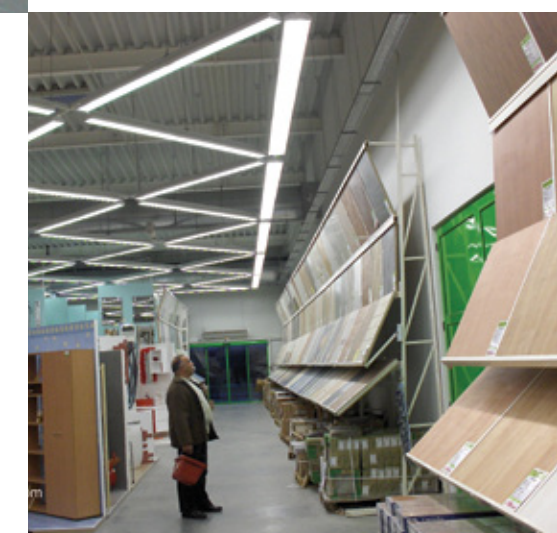


Projects of public and commercial use



Mr. Bricolage Stores

In their business card Ircon Ltd. has entered a number of Mr. Bricolage French chain stores, built in the cities of Ruse, Dobrich, Stara Zagora and Sofia. The projects are characterized by the typical customer's vision, realized through modern facade solutions and seismic-secured steel constructions.



Projects of public and commercial use

Entra Business Center building, later First Investment Bank building, is a modern 10-storey office building designed according to the principles for optimal space use, up-to-date functionality and vision meeting the European security standards.

The project was realized in 2000. Particular emphasis in it is the issue caused by the presence of a highway underground collector running under the building. The construction was executed through an unconventional foundation construction and a deep retaining wall.



Entra Business Center



Bellissimo Business Center



Projects of public and commercial use

Bellissimo Business Center is a building emblematic for the Sofia City. The project was awarded the Building of the Year award, as well as in the category „Public buildings of business functions“ in 2006. Ircon Design Bureau is the designer of the building structure and of all the engineering parts. The building is remarkable for its unique appearance and presence in the urban environment.



Projects of public and commercial use



Piccadilly Stores

For the needs of the commercial chain, Ircon has executed a series of projects for realization of Piccadilly hypermarkets within the major urban shopping malls. Representatives of this activity of ours are the Piccadilly stores in Serdica Mall, Rousse Mall, Plovdiv Mall, Stara Zagora Mall, etc. These projects are characterized by strict adherence to the customer's commercial requirements and their skillful adaptation to the specific features of the centers which accommodate them.



AIKO Trade Center

AIKO Trade Center is a modern building that failure-free solves the challenges of integrating commercial activities in the field of home furnishings offered by AIKO, foodstuffs offered by the Slovenian retailer Mercator, and kitchen furnishing by Mobbo. The complex of buildings has been realized in the city of Stara Zagora and is characterized by a modern vision, energy - efficient solutions and free spaces.

Projects of public and commercial use





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.



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