

# Presentation of Bosnian industrial partners

WP4 / Task 4.2 - Cooperation with the industry



Company name:

**Alfa Invest Ltd. Sarajevo**



**Fields of our activities for small district heating/cooling:**

Producing electricity and heat from cogeneration plants on biomass. As consultant company in cooperation with our partner company VPP from Hungary and Pyrox technology from Italy. We have participated in construction of cogeneration plants on biomass and natural gas.

**General fields of our activities:**

Equipment for industrial plants in need for electricity and heat for appliance of optimum energy efficiency.

**General description of our company:**

Alfa Invest Ltd. Sarajevo is a joint venture company with 80% of foreign share and 20% owned by local owners.

Within its registered business activities, Alfa Invest Ltd. is extremely successfully in areas of international business consulting, investment and business liaison between companies in Bosnia and Herzegovina and the Balkans and is also expanding its business activities worldwide.

The company was established by pooling together capacities and potentials of a number of founders from Sweden, Ireland, Netherlands, Canada and Hungary, each of them having an extensive international businesses experience and operations on all the continents and considerable expertise, business and political credibility. Idea to establish Alfa Invest Ltd. came from the owners of a successful pre-war company ASSIST Sarajevo, which was between 1986 and 1992 believed to be a company with the best business results of all SME's in Bosnia and Herzegovina at the time.

Company name:

# Bioenergi d.o.o. Vitez



## Fields of our activities for small district heating/cooling:

- Installing heating systems
- Reliable supplier of heating energy
- Installing pellet stoves
- Pellet stoves service and pellet supply service
- Stoves monitoring and reparation

## General fields of our activities:

- Providing heating energy services, improvement of energy efficiency, pellet stoves install and pellet trading
- We taking on ourselves all obligations and transport logistic, and providing full service of "heating per square meter"

## General description of our company:

- Company is established in 2008 and primary mission in the beginning was improvement of perception for Bioenergi as the Company which is reliable supplier of heating energy, pellet supplier and pellet stoves supplier.
- Company right now has seven employees.
- Core business of the company Bioenergi from Vitez is heating service per square meter, installing the stoves on the bio-fuel (pellet) and pellet supply service. According to those activities we providing service of "heating per square meter" in 99% for Companies and Institutional Subject.

Company name:

**CETEOR Ltd. Sarajevo**



### **Fields of our activities for small district heating/cooling:**

- Development of concept/design solutions of rehabilitation, expansion, modernization or construction of new district heating systems
- Conducting feasibility studies (proposing optimal technological application)
- Drafting Business plans
- Calculation of GHG emission reduction
- Environmental consultation

### **General fields of our activities:**

CETEOR is divided into five (5) business units:

- Environmental department (Environmental Impact Assessment Study, Waste management plans, environmental supervision, environmental due diligence)
- Energy department (carrying out energy audits in buildings and industry, feasibility studies, concept/design solutions for DHS, consultation related to RES projects)
- Educational department (carrying out variety of seminars, conferences, round tables in the field of environmental protection and energy)
- Laboratory (Measurement of ambient noise, emission into air, thermal imaging and other accompanying parameters) – accredited according to BAS ISO/IEC 17025
- EKO CET (representation of market leaders in the field of work safety, environmental protection and measurement such as DENIOS AG, Madur, Svantek and MLU)

### **General description of our company:**

CETEOR has 15 permanent employees with different backgrounds (mechanical engineers, architects, economists, chemical engineers etc.) which enable a comprehensive approach in each project. In the previous period CETEOR was engaged in preparation of studies for key infrastructure projects (Highway on Corridor Vc, TPP Kakanj and Stanari, HPP Vranduk and Ustikolina etc.).

During the time CETEOR has become a recognized bridge between local communities, international organizations, investors and local authorities. This role has enabled initiating significant projects in several local communities, including DH projects (Pale, Kakanj, Sokolac etc.).

Company name:

**ELEKTRO TEST d.o.o. SARAJEVO**



***ELEKTRO TEST***

### **Fields of our activities for small district heating/cooling:**

- We operate with copper, Al-pex, plastic, inox
- Heat pumps for heating and cooling
- Solar collectors for domestic hot water and assistance heating

### **General fields of our activities:**

- developing softwares for monitoring
- Production of electrical control cabinets

### **General description of our company:**

Company Elektro test doo Sarajevo has been established in 2002.. Company has 7 employees and is engaged in design, installation and control of electric power and mechanical systems.

Company name:

**Energoinvest d.d. Sarajevo**



**ENERGOINVEST**

### **Fields of our activities for small district heating/cooling:**

Energoinvest is engineering company, executing projects on turn-key basis as EPC contractor Energoinvest's Department for thermal and process plants is mainly involved in the designing, engineering, construction and commissioning of following systems:

- Cooling water systems
- District heating systems
- Water treatment plants
- HVAC systems
- Gas systems

Activities which Energoinvest can offer and render in district heating Projects as EPC contractor:

- Preliminary studies
- Consulting services
- Basic, Main and As-built design (mechanical, civil, electrical and I&C)
- SCADA and control program
- Notification and validation of foreign/domestic designs
- Engineering, procurement and construction of complete systems
- Supervision of works, Commissioning, Trial run
- Environmental assessment and impact studies

### **General description of our company:**

Energoinvest is an export-oriented multidisciplinary engineering company established on 1951 in Sarajevo, Bosnia and Herzegovina. Energoinvest, through the 65 years in the business has developed into a leading engineering company in Bosnia and Herzegovina, which provides services in design and construction of new facilities and also reconstruction, modernization and refurbishment of complex facilities within the country and abroad. Energoinvest has 430 employees of highly professional staff like Mechanical Engineers, Civil Engineers, Architectural Engineers, Electrical Engineers, Control and Automation Engineers, Geological Engineers, Geodetic Engineers, etc with all necessary local permissions and licenses to performs any design and construction works. As company Energoinvest is certified to:

- ISO 9001:2000 for quality
- ISO 14001:2004 for environment

Company name:

# Enova d.o.o. - Consultants & Engineers



## Fields of our activities for small district heating/cooling:

- District heating design documentation (e.g. from idea to documentation of implementation)
- Project management during project implementation
- Project implementation supervision
- Creation of feasibility study
- Creation of environmental protection study
- Creation of energy efficiency audits

## General fields of our activities:

- Consulting services and documentation development for energy efficiency and environmental protection
- Building permits documentation development

## General description of our company:

Enova is recognized for its commitment to delivering the services required to meet current and evolving customer needs efficiently and effectively with a passionate and adaptive team. Our capabilities are varied yet linked – allowing us to put together teams with the necessary specialist skills in different areas that can tackle the complexity and interconnectedness of development projects. Therefore our services cover the whole range of thematic objectives of sustainable development for economic, social and policy cohesion through our 4 thematic divisions:

- Environmental and climate change
- Energy and Power
- Economic and Social
- Policy and Governance

Company name:

**GRIZELJ d.o.o. Sarajevo**



### **Fields of our activities for small district heating/cooling:**

- Design
- Manufacture
- Installation
- Maintenance of thermal power
- Gas equipment
- Equipment for the treatment and transport of spring
- Industrial wastewater and municipal water
- thermal power equipment in all district heating and cooling where resources are - energy all wastes, natural gas, LPG, fuel oil, biogas, electric boilers
- plant for heat and cooling energy, HPV, TPV, water conditioning systems for heating and cooling, neutralization and conditioning condensate, chimneys with bearing structure

### **General description of our company:**

For more than 40 years of providing quality services is a synergy of knowledge, skills, experience and successful tradition. GRIZELJ is a company that in 1998 introduced and demonstrated integrated application of EN ISO 9001 - Quality Management System and ISO 14001 - Environmental Management System, by leading certification company TUV CERT (TUV NORD), from 2012 years. and EN ISO 50001 - Energy Management System, an now and ISO 29001 - quality management system for product and service supply organizations for the petroleum, petrochemical and natural gas industries. We are a company that has acquired the right to use CE mark – 0085, sign of security products DVGW - certification institutions from Bonn.

We are authorized laboratory for measuring the emission of pollutants into the air. Also an authorized laboratory measurement of pressure and temperature, and calibration of safety valves. We design and produce electrical safety - control cabinets with signal components, PLC, PID, SCADA, functions for district heating.

A new program in our company the ENERGETISITG in the our department ZIRLEC (scientific research and development laboratory educationally center) develops burners on hot air, recuperative and regenerative burners in order to use renewable energy to achieve a high degree of energy efficiency.



Company name:

**ITG d.o.o. Sarajevo**



**Fields of our activities for small district heating/cooling:**

- Design
- Manufacture
- Installation
- Maintenance of thermal power
- Gas equipment
- Equipment for the treatment and transport of spring
- Industrial wastewater and municipal water
- thermal power equipment in all district heating and cooling where resources are - energy all wastes, natural gas, LPG, fuel oil, biogas, electric boilers.
- plant for heat and cooling energy, HPV, TPV, water conditioning systems for heating and cooling, neutralization and conditioning condensate, chimneys with bearing structure.

**General fields of our activities:**

- hot water and steam boilers,
- expansion systems
- hydraulic switches,
- heating substation input: steam, hot water, hot water / hot water output,
- HPV, TPV,
- Split filter systems,
- drainage manholes

**General description of our company:**

The ITG d.o.o. company Sarajevo is the only manufacturer in Bosnia and Herzegovina of heating boilers, expansion system, heat substations, split filter systems and systems for chemical treatment of water - water softeners. The ITG d.o.o. is authorized by Federal ministry of power, mining and industry for the following: manufacturing, contracting work, servicing, installation and overhaul of thermal power equipment, and inspection and adjustment of safety valve on boilers and other pressure vessels as well as issuing of declaration of quality and test reports.

Company name:

**UNIONINVEST d.d. Sarajevo**



**UNIONINVEST d.d.**  
SARAJEVO - BOSNA I HERCEGOVINA

### **Fields of our activities for small district heating/cooling:**

- Design and installation of complete district heating systems including pipes, heat exchanger units, heating substations, boiler rooms etc.

### **General fields of our activities:**

- Development of real-estate projects for households and business dwellings, hotels and industrial facilities;
- Project design (hydro, electrical and air cooling or heating project);
- Construction works at site:
  - hydro installation,
  - electrical installation and
  - mechanical installation; air cooling or heating projects;
- Supervision in construction projects;
- Engineering and complex engineering ;
- Infrastructure projects:
  - water and waste water projects;
  - public lighting
  - district heating

### **General description of our company:**

Since 1949 we are designing, constructing, mounting, and maintaining industrial, administrative, sport, health, education, and power facilities;

Today Unioninvest d.d. Sarajevo represents a leader in engineering projects in local markets and recognizable brand in region.

Company employs 74 staff, among them 19 employees with university degree;

Our mission is to adequately respond to projects of:

- Construction of turnkey projects of households, and business dwellings;
- Water treatment, establishment of systems of rational energy consumption;
- Air cooling or heating;
- Application of automatic and centralized monitoring and control of these media and installed plants.

Company name:

**Vatrostalac d.o.o. Tuzla**



**Fields of our activities for small district heating/cooling:**

- construction, repairing and maintenance
- design of industrial chimneys,
- construction of industrial, chimneys
- repairing and maintenance of industrial facilities, working on high

**General fields of our activities:**

- diamond drilling
- Structural reinforcement of concrete and steel constructions
- anchoring and injection
- hydrodynamic cleaning
- testing of structures

**General description of our company:**

Vatrostalac d.o.o. is company specialized in design, construction, repairing and maintenance of industrial facilities , chimney, cooling towers, silos, towers, thermal facilities and works on heights. Since the establishment (1996) Vatrostalac was involved in many activities, from operations on existing capital power facilities to design and build completely new objects in Bosnia and Herzegovina, Croatia, Serbia and Macedonia.

We now have 18 employer, specialized for special type of works.