

Market uptake of small modular renewable district heating and cooling grids for communities

Project No: 691679



Cooperation with the industry

Country: Macedonia

WP 4 – Task 4.2 / D 4.2

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CoolHeating website: www.coolheating.eu

Your partner to build small district heating systems

<p>Company name: DOMINUS , dooel export import Skopje Zeleeznicka 36/13, Skopje Macedonija</p>	
<p>Fields of our activities for small district heating: Extensive experience in project cycle management. Activities include urban and architectural design (plan), including all the necessary phases in construction, electrical installation, mechanical installations, water systems, sewage, safety, health, energy efficiency considerations also with financial specification analysis, written report for the bill of quantities and supervising of the work. Preparing the documentation for the Ministry of transport and communications.</p>	
<p>References:</p> <ul style="list-style-type: none"> - The main project of energy efficient residential house in Skopje, 290m², (with all necessary phases) - Thermal pump for floor heating and fencoolers cooling, included sanitary water warming Client : Petrovski, 2015-2016 - The main project of energy efficient & environmentally friendly high school – Koco Racin, Skopje, 8000 m², Client : The City of Skopje, Thermal pump using geothermal water for floor heating and ceiling cooling , 2012-2013 - The main project for the interior design of administrative premises of TEHNOMARK, Skopje, 144 m², Thermal pumps for floor heating, 2013 	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Experience with requirements of clients; fundraising; program design, planning and management; - Extensive experience in project cycle management: Activities include urban and architectural design (plan), including all the necessary phases in construction, electrical installation, mechanical installations, water systems, sewage, safety, health, 	

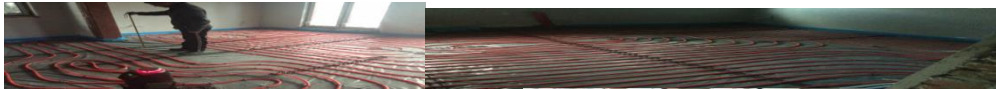
energy efficiency considerations also with financial specification analysis, written report for the bill of quantities and supervising of the works. Preparing the documentation for the Ministry of transport and communications.

- Supervising of activities on the field

General description of our company:

Dominus was founded 1994 in Skopje by arch. Sonja Nakovska.

All three employees are architects. Activities include urban and architectural design (plan), collaborating with all profiles of engineers. The customers are private investors, as well as enterprises like TEHNOMARK, GROSSPLAST, MAKOM, municipalities and the City of Skopje. In the field of mechanical constructions the cooperants are ICS group, TEMON ..



Before



After

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Your partner to build small district heating systems

<p>Company name: ECO ENERGY SYSTEM –Skopje, Macedonia</p>	 <p>ECO ENERGY SYSTEM WASTE MANAGEMENT SOLUTIONS</p>
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Eco Energy System was incorporated with foreign capital for a development program in the Balkans for waste management solutions. <p>The key points of waste management solutions involve:</p> <ul style="list-style-type: none"> - The increasing requests from both Municipalities and the EU, for sustainable solutions to the emergency of clean waste removal in urban centers - The existence of primary institutionally guaranteed contributions for disposal (Tipping Fee) paid by the Municipality to whom the above services are provided - The recycling of exploitable fractions such as plastics (PET - HDPE – LDPE), cans (aluminum), paper, glass, metals, etc. which have a real market - The production of RDF (Refused Derived Fuel) also called bio-char (bio-coal) - The real solution to the environmental problems of most landfills: with our exclusive technologies there are no emissions, no gas, no odors, no leachate and the least possible amounts of inerts discarded in the landfill : < 10% of residue. 	
<p>References:</p>	
<p>General fields of our activities:</p> <p>Eco Energy System has created an important partnership to achieve exclusive distribution for the Balkans of the proprietary technology called POLISUN. Furthermore, Eco Energy System has been active in obtaining exclusive concessions relating to the management of landfills that will use the POLISUN technology.</p> <p>POLISUN, the proprietary technology developed for waste management, provides the following:</p> <ul style="list-style-type: none"> - The handling of unsorted MUNICIPAL SOLID WASTE (MSW) - The handling of waste similar to urban 	

- The technology for the treatment of the organic fraction of the MSW in REAL TIME
- The provision of a system of selection for the recovery of exploitable fractions such as PET - HDPE - LDPE
- The retrieval with automatic machinery of ferrous and non-ferrous materials
- The production of RDF (Refuse Derived Fuel) to be used as fuel in steel mills or cement plants or incinerators to produce electricity or heat
- The packaging of the residual fractions
- The attainment of a residue gap formed substantially by no more than 10% of inerts
- The handling and treatment of INDUSTRIAL WASTE

A comprehensive treatment cost which is more competitive than market average.

Each plant has a processing capacity of a minimum of 80,000 tons / year to a maximum of 350,000 tons / year and can be built turn-key in 6/12 months.

After construction the POLISUN technology guarantees assistance O&M for 10 years. The performance of each system is monitored 24 hours 24 via a remote connection with the central station POLISUN with technicians always in a position to intervene quickly to solve every problem.

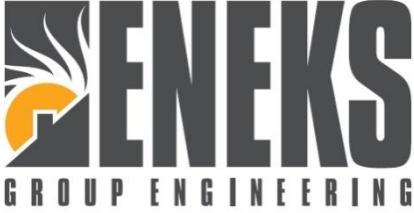
General description of our company:

The founders of Eco Energy System have been committed, full-time, in the search and selection of projects with a competitive edge in the Renewable Energy sector, backed by competitive, efficient and proprietary technology, not only in terms of environmental benefits for our planet, but also in terms of returns on investment, risk reduction, time to market and bankability.

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Your partner to build small district heating systems

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<p>Company name: ENEKS GROUP ENGINEERING DOO - Skopje</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Heat Exchanger units – Fan coils, underfloor heating - Heat source – Geothermal heat pumps, solar systems - Energy manager with single room temperature control 	
<p>References:</p> <p>Our products (heat pumps, solar systems, fan coils, underfloor heating, AHU units) are being used in hospitals, hotels, industry buildings, schools, multifamily buildings and houses in many cities across our country, and also in Kosovo.</p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Official and exclusive representative in the territory of Macedonia of the Austrian companies IDM-Energiesysteme GmbH for heat pumps and Sonnenkraft for solar systems - Design of HVAC projects for hotels, industry buildings, houses 	
<p>General description of our company:</p> <p>Our company Eneks Group Engineering offers environmental and energy products and system solutions for heating, cooling and production of sanitary hot water as well as heat pumps and solar systems.</p> <p>The company Eneks is an official and exclusive representative in the territory of Macedonia of the Austrian companies IDM-Energiesysteme GmbH for heat pumps and Sonnenkraft for solar systems.</p> <p>Our mission is to offer our customers environmentally friendly and top quality products and system solutions for heating, cooling and production of hot water, with highly efficient use of renewable energies.</p>	

Our experienced team offers high quality services, technical support and training for our clients and associates.

Cooperation with BALKAN ENERGY GROUP for preparation of project documentation for System for heating of domestic hot water with solar system and with heat from BEG for residential building with 120 residential units.

The heat pumps manufactured in Europe, with top quality and heating capacity of 3.5 kW to 500 are the perfect solution for single or multi-family homes, apartment buildings, hotels, office spaces and industrial facilities.

- Water - Water heat pumps
- Air - Water heat pumps
- Earth - Water heat pumps
- Sanitary hot water HGL technology
- NAVIGATOR control of your heating system via your mobile phone, tablet or computer
- Active, passive and IDM cooling system
- Solar Integration

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Your partner to build small district heating systems

<p>Company name: ENERGIJA doo</p>	
<p>Fields of our activities for small district heating: We are offering the following HVAC equipment for small district heating project:</p> <ul style="list-style-type: none"> - Air to water and water to water heat pumps - Fan coil units - Under floor heating - Sanitary hot water solutions 	
<p>References: Many projects including heat pumps for domestic households and commercial projects (offices, hotels, etc.). Solutions with air/water and water/water heat pumps with installation and start up. All projects are developed in Macedonia.</p>	
<p>General fields of our activities: Energija is offering delivery of equipment from world known manufacturers of chillers, fan coil units, air handling units, air conditioners, heat pumps, compressors (reciprocating and screw), condensers, heat exchangers and other equipment. We are offering services in air conditioning public and administrative buildings, sport and commercial centres, business offices, residential buildings, individual houses etc.</p>	
<p>General description of our company: Energija doo was established in 2005 as company for selling, designing, installation and supervision of HVAC and refrigeration systems. In compliance with the world standards and trends and implementing them in everyday work Energija continuously expands its number of clients. Today Energija is known company in Macedonia for its expertise, quality, professional work and efficiency. Energija is offering services in air conditioning public and administrative buildings, sport and commercial centers, business offices, residential buildings, individual houses etc. Refrigeration equipment for industry application: cold stores, freezing tunnels for different kind of</p>	

products, meat processing, dairies, breweries, wineries.
The company employs 4 mechanical engineers and 5 technical persons for service department.

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Your partner to build small district heating systems

<p>Company name: ENERGO SISTEM Ltd.</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Design engineering - Purchase , delivery and installation (mounting) of complete District heating systems (ready to use heating stations and pipe networks) - Energo Sistem is a representative of Herz, within group is the company FENIX BB from Serbia – producer of Compact heat substations , available as small and medium sized with heat capacity from 20kW up to 500 kW 	
<p>References:</p> <ul style="list-style-type: none"> - Supply of VALVES and STRAINERS for district heating system (TERMOKOS : district heating company of Pristina – Kosovo) - Delivery of different type of pumps "GRUNDFOS " (Toplifikacija AD-Skopje) - Preparation of infrastructural and main designs including revision: Design for infrastructure for pipeline for hot water and distribution network Main Design for construction of pipeline for hot water, primary and secondary network, primary heat pump station in Bitola, three local pump stations, Main Design for construction of Heat Station in Thermo power plant (TPP) Bitola with capacity of 200 MWt and connection with the system of TPP (ELEM -JSC “Macedonian Power plants”) - The equipment of company FENIX BB is integral part of heat substations in major heating districts in Serbia (installed in 30 towns in Serbia). 	
<p>General fields of our activities:</p> <p>EnergoSistem is dedicated to providing consultancy of high professional level, having as a future objective the expanding of its present cooperation with international consulting engineering firms. Today, the activities of the firm are organized into four inter-related departments:</p> <ul style="list-style-type: none"> - Department of Design Engineering: planning, design , detailed engineering and executing of projects for heating -cooling systems, gas supply systems, energy efficiency projects, energy saving projects, water supply and sewage distribution systems, waste water treatment 	

plant, etc.

- The Consulting Department offers its services to a broad spectrum of clients from the EU and international organizations, to national, regional and local authorities and organizations, as well as to industrial and commercial companies in the private sector
- The Services Department is focused only on providing all the necessary maintenance of the gas equipment. Today, besides commissioning, start up and adjusting of the equipment, this department deals with the maintenance of the products which Energo Sistem represents.
- Department of Trade was established as a separate entity recently: having the 15 years experience in the industry of gas, heating and water supply systems, EnergoSistem felt competent in offering the most suitable equipment so as to offer the best solutions for any project

General description of our company:

From 1993 up to date staff number gradually grew from 3 to 32 employees, out of which: 12 are mechanical engineers; 3 are electrical engineers . The engineers are well trained, qualified and experienced experts. In addition, Energo Sistem collaborates on a permanent basis with a number of external experts from different areas.

We are exclusive Macedonian representatives for the following European companies: HERZ , CENTROMETAL, VAILLANT, CALEFFI, GRUNDFOS , GESTRA, SAACKE KROMSCHRODER, FRACCARO.

Certificates

- ISO 9001: 2008
- ISO 14001:2004
- ISO 18001:2007

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Your partner to build small district heating systems

<p>Company name: ICS group, ltd Skopje 1000, Macedonia</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - design of HVAC systems which use renewable energy - provide and installation of complete systems for heating, cooling and sanitary hot water, using renewable energy source (thermal heat pumps, under floor heating, fan coil, sanitary tanks, solar collectors, complete installations materials, home and HVAC automation) - service and maintenance 	
<p>References:</p> <p>Part of installed buildings with renewable energy sources</p> <ul style="list-style-type: none"> - Soravia Resort - residential building complex Olympic village 10.000m², 2012-2014 <ul style="list-style-type: none"> - Installation of heating and cooling system with geothermal heat pumps and ventilation with air handling unit and fans, cooling/heating capacity 586/635kW - St. Jovan - residential building complex, Vizbegovo, Skopje 4.050m², 2013-2014 <ul style="list-style-type: none"> - Installation of heating and cooling system with geothermal heat pumps, cooling/heating capacity 195/237kW 	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Design of HVAC installation - Sales and installation of HVAC equipment - Sales and installation of split system air-conditioners - Service and maintenance of HVAC equipment 	
<p>General description of our company:</p> <p>ICS Group is a private company from Macedonia, which employs highly professional staff with working experience for over 15 years in the field of</p>	

HVAC (heating, ventilation, air conditioning) installations. Our staff is specialized in designing and performance of HVAC installations in residential and commercial buildings.

During the designing and installation of the HVAC installations we pay attention of implementing solutions with high energy efficiency, i.e. solutions that use renewable sources of energy (air, water, ground, sun).

To increase the energy efficiency ICS Group in his installations implements automatic regulation and control and also complete BMS (Building Management Systems).

In the realization of the HVAC projects we can offer the following:

- Optimal design solutions
- Great relationships with the Macedonian and foreign suppliers
- Experience in financial and technical management with big and complex projects
- High quality of the performed installations in accordance with the applicable legislation in Macedonia and Europe
- Professional after sales approach - service and maintenance

The engineers have certificates for design, construction, supervision and auditing of HVAC installations.

ICS Grup has own service for servicing and maintenance of HVAC installations. Our service technicians have certificates for servicing of air conditioning equipment.

Our company has license B for performance of buildings from the second category. Also we have implemented ISO 9001:2008 and ISO 14001:2004.

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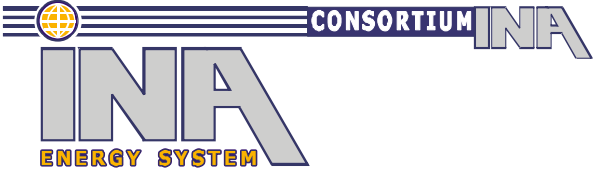
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Your partner to build small district heating systems

<p>Company name: INA energy system – Skopje, MACEDONIA</p>	
<p>Fields of our activities for small district heating: INA energy system – Skopje is company for design, manufacture and engineering of autonomy, automatic (boiler, storage, transporting system and automation) hot water boiler dedicated for heating and steam boiler for industry, based on burning the secondary biomass and RDF (pellet from communal waste). The boilers power range of 23-2.500 kW. The part of proposal is continual (10 years) fuel supplying of our clients.</p>	
<p>References: Company has more than 50 automatic boiler installations in the towns in MK</p>	
<p>General fields of our activities: The company also is providing ESCO concept (Energy Service Company) which consider delivery of thermal energy to our clients with our investment for 70-80% of existing costs. Company is rolling Project for energy independency of municipalities in the region of West Balkan, or covering the energy needs of municipality with own power resources, communal waste for heating and small hydro power plant installed on water supplying system for power needs of municipality public institutions, street lighting, other power needs (schools, green gardens, sport halls, municipality buildings, museums, libraries etc.)</p>	
<p>General description of our company: Company INA energy system – Skopje is established in 1992 as company for design, development, manufacture and engineering of computer based integrated industrial process control system. Up to 2000 the company was in industry and telecommunication branch. Starting with 2000 company was moved in energy branch working on project-system for automation of energy production and transporting processes (TPP, HPP, substation, refinery, pipeline system etc.). Starting with 2010 company start design, development</p>	

and manufacture of ecological and energy system based to renewable power sources (biomass, solar, wind), and now we are region recognizable company for manufacture of biomass and RDF boilers. Company employs 25 people.

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Your partner to build small district heating systems

<p>Company name: INTERKLIMA</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - District heating pipes (steel, plastic, with insulation) - Heat exchange units - Heat pumps - Solar thermal solutions 	
<p>References:</p> <ul style="list-style-type: none"> - AD Fersped - Brilljant DOOEL Stip - ELEM REK Bitola - FFM - Football Federation of Macedonia - TAV Airport Aleksandar Makedonski, Skopje - Airport Sv.Apolstol Pavle, Ohrid - Hotel Drim, Struga - Hotel Aqualina, Ohrid - Hotel Beograd, Struga - Hotel Belevue, Ohrid - Hotel Metropol, Ohrid - Hotel Aleksandar Palas, Skopje - Winery Skovin - Winery Ezemit - Winery Popova Kula - Winery Antika - Winery Garland - Capital Bank - Postenska Bank - Stopanska Bank - GTC - Shopping Center Skopje - Acibadem Sistina Hospital - Surgical Clinics Skopje - Princess Casino, Gevgelija - Atlantik Casino, Dojran 	

- Sports Centar Boris Trajkovski, Skopje

General fields of our activities:

Interklima specializes as a service center for installation, commissioning, maintenance and servicing of refrigeration systems, heating, cooling and ventilation systems, chillers and compressors of nearly all the top brands. Our huge reference list of companies with whom we collaborate serves as evidence of the expertise of our team, and the large number of satisfied customers.

Today, many years of experience and a selected team of experts makes Intreklima leading company in its field in Macedonia and the region.

General description of our company:

Service center for installation, commissioning, maintenance and servicing of cooling systems, heating and ventilation.

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Your partner to build small district heating systems

<p>Company name: IRD ENGINEERING Skopje</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Revision of design and supervision of implementation of Primary district heating system with pvc isolated pipes - Revision of design and supervision of implementation of Secondary heating lines for buildings, houses, public buildings etc. - Revision of design and supervision of implementation of Heating station with pumps, heat exchanger and valves. 	
<p>References:</p> <p>Bilidings for Kindergarten in Skopje in Municipality of Aerodrom, Kiselavoda and Karpos</p> <p>Colleges in Kosovska Mitrovica, Kosovo</p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Revision of design of internal heating systems with radiators, fancoils etc. - Supervision of implemetation of internal heating systems with radiators, fancoils etc. 	
<p>General description of our company:</p> <p>IRD Engineering is a leading Italian engineering consultancy offering comprehensive solutions worldwide for roads, railways, bridges and tunnels, airports, building facilities, water and energy infrastructures. 100% independent from any construction and industrial group, IRD provides such services as design, supervision, technical assistance and procurement (design & build, BOT, PPP, concession, etc.), planning and technical feasibility, economic-financial studies, project management, facility management and quality assurance in all phases of project implementation, for both public and</p>	

private sector clients.


IRD Engineering's staff includes civil infrastructure experts, project managers, electrical and mechanical engineers, architects, urban and transport planners, design-and-build experts, economists and marketing specialists, legal and procurement experts.

IRD Engineering has developed extensive experience and a deep background especially in collaboration with the funding programmes of the European Commission, the European Bank for Reconstruction and Development, the European Investment Bank, the World Bank, the Asian Development Bank, the Islamic Development Bank, the United Nations, the NATO and other IFIs.

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Your partner to build small district heating systems

<p>Company name: LENZE Antriebstechnik GmbH Office Skopje</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - <i>gearbox motors for material conveyer system – feeding the heating boiler with combustion material</i> - motors for pump and fan – for inlet and outlet water and air - frequency inverters for speed control - material flow, water and air flow control - PLC controllers and HMI touch panels for whole heating system control and supervision 	
<p>References:</p> <p><i>Our drive and control systems are installed in almost all European countries</i></p> <p><i>We deliver to the engineering companies who build such heating systems</i></p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Planning and designing of drive and control systems through our DSD software program to provide the optimal components in order to get most possible energy efficiency 	
<p>General description of our company:</p> <p>As a global specialist in Motion Centric Automation, we offer products, drive solutions, complete automation systems, engineering services and tools from a single source.</p> <p>Number of employees: 3300</p> <p>52 companies worldwide and operates sales and service offices in 60 countries, on all continents.</p> <p>Company was founded in 1947</p>	

Saving energy is one of the greatest challenges we face today and which we happily face. We show you how more efficient use can be made of energy with intelligent drive and automation technology - with our Lenze BlueGreen Solutions.



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Your partner to build small district heating systems

<p>Company name: MAKOTERM DOOEL SKOPJE</p>	
<p>Fields of our activities for small district heating: We do projecting and supervising on:</p> <ul style="list-style-type: none"> - heating, air conditioning and ventilation - plumbing, sanitary and sanitation - electrics and electrical materials - water treatment (chlorination, ozonation etc.) 	
<p>References:</p> <ol style="list-style-type: none"> 1. Factory sweets “EVROPA” –Skopje <ul style="list-style-type: none"> - Design and construction of boiler plants from 5 t / h Product of VIESSMANN - Germany complet with gas burners. - Replacing elements of condensate system energy-efficient steam condensing system 2. Kargomaxs –Skopje <ul style="list-style-type: none"> - Complet system for heating, cooling and ventilation 3. ADORA INZINERING-Skopje <ul style="list-style-type: none"> - performance radiator heating - 4310 cl 4. NASTEL Skopje <ul style="list-style-type: none"> - performance radiator heating - 6118 cl 5. State University Goce Delcev Stip <ul style="list-style-type: none"> - Perform fenkojlersko cooling and heating, ventilation kit with chiller, air handling, diesel agrgat- New Rector Novo Selo and e.t.c. 	
<p>General fields of our activities: Since 1988 until today the company deals with buying and selling materials. Also we do projecting and supervising on:</p> <ul style="list-style-type: none"> - heating, air conditioning and ventilation - plumbing, sanitary and sanitation 	

<ul style="list-style-type: none"> - electrics and electrical materials - water treatment (chlorination, ozonation etc.) 	
<p>General description of our company: Makoterm Skopje is a company established in 1988. The company is situated on Mito Hadzivasilev street, number 52 in Skopje .</p>	
<p>Contact: MAKOTERM DOOEL SKOPJE R. Macedonia Contact person: Zoran Pop Petrovski Address: Mito Hadzivasilev street, number 52 in Skopje . Country: R. Macedonia E-Mail: info@makoterm.com.mk Phone: ++38923117733 Website: makoterm.com.mk</p>	

Your partner to build small district heating systems

<p>Company name: REHAU DOOEL Skopje</p>	
<p>Fields of our activities for small district heating: Pre-insulated PE-Xa pipes and system solutions for district heating, biomass, biogas and heat pump application as well as for district transfer of sanitary and drinking water. Available as UNO in dimensions 20-160mm and as DUO in dimensions 20-63mm.</p>	
<p>References: Our Pre-insulated pipes were installed in:</p> <ul style="list-style-type: none"> - Procredit Academy in Veles - Arena Filip II in Skopje - Production hall company Triteks in Prilep - Municipality Karposh - Skopje - Private object Mr.Coleski in Struga - Private object Mr.Gestakovski in Skopje - Private object Mr.Ilu in Skopje - Private Villas in Albania etc. 	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Production of pre-insulated PE-Xa pipes and system solutions, - Production of materials and system solutions for: drinking water, waste water, radiator heating, fan coil heating/cooling, surface (floor, wall, ceiling) heating/cooling, geothermal energy, biogas etc. - Transfer of Know-how and technical support for projecting and installation 	
<p>General description of our company: Rehau sales office in Skopje is involved in delivery of Rehau materials for building and construction industry in the region of Macedonia, Kosovo and Albania. To our B2B customers/partners in the mentioned countries we provide continuous theoretical and practical trainings, marketing support and</p>	

technical support. Our ARPs (Authorized Rehau Partners) are certified for implementation of our system solutions.

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Your partner to build small district heating systems

<p>Company name: SIMT DOOEL Export-Import - Skopje A Company for production, engineering, commerce and services</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Computer-based distributed control system installed in buildings - building management (BMS) and building automation system (BAS) for mechanical and electrical equipment such as ventilation, lighting, power systems, fire systems, and security systems - Our Building management systems are commonly implemented in large projects with extensive mechanical, HVAC, electrical systems, and in intelligent - smart buildings - Digital Data Control (DDC) systems for: <ul style="list-style-type: none"> o Heating, ventilation and air-conditioning (HVAC) o Security observation and Automation o Access control o Fire alarm system o Alarm Monitor - Energy Management Systems (EMS) 	
<p>References:</p> <ul style="list-style-type: none"> - Steel industry <ul style="list-style-type: none"> o MAKSTIL o ARCELORMITTAL o FENI INDUSTRY - Computerized supervisory control water treatment project - Cement industry <ul style="list-style-type: none"> o TITAN Cementarnica USJE –Skopje , Design and Implementation of an integrated SCADA system for computerized supervisory control of mills - Water supply <ul style="list-style-type: none"> o City of Skopje - pump station - reservoir system - Various automation <ul style="list-style-type: none"> o Heating station Pristina - SCADA design and realization of monitoring system <p>Bus station Skopje - Installation, putting into operation, service of bus</p>	

<p>information system, main information panel, monitors, bus platform</p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Automation and automatic control, for operating equipment such as machinery, processes in factories, boilers and heat treating ovens, and other applications with minimal or reduced human intervention. - Energy Management Software (EMS) providing utility bill tracking, real-time metering, building HVAC and lighting control systems, building simulation and modeling, carbon and sustainability reporting, IT equipment management - Design of Energy Saving Measures and Control System Design for economical operation of the building - Design, construction and maintenance of information systems - Design, construction and maintenance of telecommunication solutions - Design, construction, maintenance and sales of energy solutions - Design of a real time irrigation system based on wireless sensors for agro industry 	
<p>General description of our company: SIMT DOOEL Export-Import – Skopje, Partizanski odredi 149, mez 2, 1000 Skopje Macedonia Established in 1994; Number of employees: 24 Customers:</p> <ul style="list-style-type: none"> - MEPSO (Electricity Transmission System Operator of Macedonia); - Ministry of Defence – Republic of Macedonia, - Ministry of Foreign Affairs - Republic of Macedonia; - Ministry of Environment and Physical Planning - Republic of Macedonia; - National Hydrological and Meteorological Services – R. Macedonia; - Republic of Macedonia - Bureau of metrology ; - City of Skopje; - JSP SKOPJE – Skopje - Public transportation company <p>Cooperation with partners such as: Cassel, Campbell Scientific, Esis Power, IBM, ORACLE, MySQL, Xerox, Schneider Electric, Siemens and many others.</p>	
<p>Contact: Contact person: Slavco Delovski, General Manager Address: bul. Partizanski Odredi 149 mez 2, 1000 Skopje Country: Republic of Macedonia E-Mail: delovski@simt.com.mk Phone: Tel/Fax: +389 2 3069591 mob: +389 70 231 128 Website: http://www.simt.com.mk</p>	

Your partner to build small district heating systems

<p>Company name: Temon DOOEL Skopje</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Primary district heating system with pvc isolated pipes - Secondary heating lines for buildings, houses etc. - Heating station with pumps, valves, heat exchanger. 	
<p>References:</p> <p>In Skopje more than 6000m primary lines with F100, 500, 350mm. More than 50 heating stations</p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Installation of internal heating systems with radiators, fancoils etc. - Installation of VRV systems 	
<p>General description of our company:</p> <p>Temon dooel Skopje is a company for design and engineering of power plants, established 1990.</p> <p>Throughout this period the company exclusively deals with the execution of projects of nominal activity, that takes things that are related to energy (termoenergetikata and Thermotechnology), environment and beyond.</p> <p>As an engineering firm, Temon has carried out work both in industry and in other economic spheres, and classified it looks like this:</p> <ul style="list-style-type: none"> - Stations pouring fuel ("gas stations") - Plants for heating in schools, individual and collective (buildings) residential buildings, - Ventilation and air conditioning in individual and commercial facilities (hotels, restaurants, cafes ...) - Energy installations in commercial buildings, - Construction work, construction of major administrative and individual objects, interventions and rehabilitation of sanitation facilities in schools and other commercial buildings. 	

The company comprises a team of experts from the MA in Mechanical Sciences, 5 BA. Info. engineers and administrative staff, and implemented projects include experts from other profiles (the highest rank). For the implementation of the agreed projects of machine use resources of equipment and labor, and include other subcontracting companies... The prospects of the company are aimed at improving the system for engineering services and production elements of the energy sector and perform larger facilities with complete civil engineering.

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Your partner to build small district heating systems

Company name:
Thermaflex

Please insert your company logo here



Fields of our activities for small district heating:

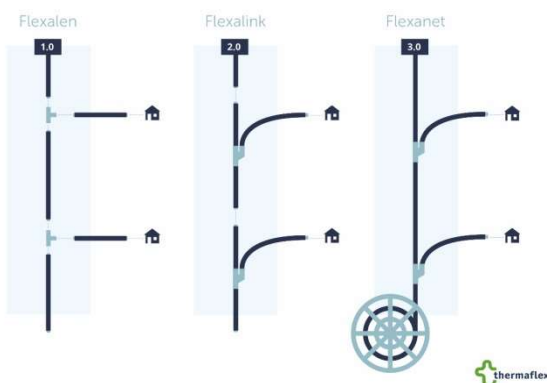
Thermaflex is the manufacturer of Flexalen pre-insulated pipes – diameter range d16-d225. The medium pipe is made out of Polybutylene, which is known for its flexibility and durability. Insulation and outer casing are made of PE. We strive for cost efficiency, fast installation and durability.



We supply in 3 levels of prefabrication.

1. Separate pipes, joints and insulation kits.
2. Elongated flexible T-pieces, which form a network when connected.
3. Complete prefabricated network that can be rolled out in place.

Rolling out tomorrow's thermal networks



References:

Flexalen pre-insulated pipes are in use all over Europe as well as in very demanding environments like Caribbean islands and Antarctic snow. Our solutions can for example be found in:

- Energie Steiermark, Austria
- Heiligenkreuz, Austria
- Otopeni, Romania
- Lucenec, Slovakia
- Novo Mesto, Slovenia
- Purmerend, The Netherlands-
- La Capelle Marival, France
- Lyngdal, Norway
- Wörgl, Austria
- Maldives
- Cancun, Mexico
- Rotorua, New Zealand

General fields of our activities:

Aside pre-insulated pipes for district heating/cooling and other thermal energy projects, Thermaflex has built a solid reputation in Technical Insulation products. We manufacture truly sustainable and extremely durable insulation, awarded the number one quality/suitability certificate: Cradle to Cradle.


General description of our group:

Thermaflex is a privately owned company, where taking care of future generations has been in our very nature since 1976. We are active in 45 countries and operate 5 production plants in Europe, Middle East, Russia and Thailand.

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 Contact person: Artur Klos
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 E-Mail: a.klos@thermaflex.com
 Phone: +43 676 523 7714
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Your partner to build small district heating systems

<p>Company name: ТОПЛИФИКАЦИЈА-INZENERING dooel</p>	 <p>ТОПЛИФИКАЦИЈА-ИНЖЕНЕРИНГ ДООЕЛ Скопје</p> <p><small>Друштво за проектирање, инженеринг, трговија, транспорт и друго Лондонска 66, 1000 Скопје, тел. 02 3097 645, факс. 02 3076 057 info@toplifikacija-ing.mk</small></p>
<p>Fields of our activities for small district heating:</p> <p>Complete project documentation for</p> <ul style="list-style-type: none"> - district heating distribution network (steel and pre-insulated pipes) - district heating substations - district heating production plant - heating, ventilation and air conditioning systems <p>Additional services</p> <ul style="list-style-type: none"> - heat cost allocation - metering and billing - distant monitoring and regulation - construction and installation of distribution network (turn key) - district heating substations(heat meters, heat exchangers, all necessary equipment and accessories) 	
<p>References:</p> <ol style="list-style-type: none"> 1. Feasibility studies, complete design documentation for district heating in Skopje 2. Feasibility studies, complete design documentation for district heating in Bitola 3. Feasibility study for district heating of Kicevo, Oslomej, Zajas from TEC Oslomej 4. Feasibility study for district heating of Strumica 5. Feasibility study for district heating of Kavadarci 6. Feasibility study for district heating of Kocani 7. Analysis for optimization of the district heating of Cair, Gorce Petrov, Vlae, Vodno, Cento 8. Feasibility study and preliminary design for water supply system of Gevgelija 9. Detailed design documentation for gas pipeline of Strumica 10. Feasibility study for gas distribution network in Municipality Karpos 11. Feasibility study for gas distribution network in Municipality Cair 12. Detailed design for gasification of district heating plants in Skopje 13. Detailed design for reconstruction of heating plants in many buildings and industry plants 14. Detailed design documentation for district heating pipeline network in Skopje (200 km) 	

This is only a short list of the references correlated to the project, for a full list we are staying at a complete disposal.

General fields of our activities:

Toplifikacija – Inzenering dooel offers exceptional know-how for specific needs of its customers and partners, which results in consulting services, studies, project designs, energy audits, implementation of the projects with subcontractors and mother company resources, and other services suited to the customer needs. The core activities of the company are

- Energy efficiency
- Projects HVAC
- BMS projects
- District heating network, heating plants and substations
- Energy saving for district heating costumers
- Regulation, metering and billing

General description of our company:

Toplifikacija – Inzenering dooel is specialized company in energy efficiency field, as well in the heating, ventilation and air-conditioning (HVAC) and gas market. Being created as a founder of the first ESCO company in Macedonia, it has great experience especially in the area of energy auditing and implementation of energy efficiency projects. The founder of the company is Toplifikacija AD – Skopje, meaning that one of its goals is to improve and diversify the relations and services to its customers. The company operates on market - based principles and offers comprehensive energy projects to: government, municipalities, private sector and industry. Toplifikacija AD as a district heating company in Skopje was founded 1964. It had 400 employees and was divided into six daughter companies Since then, Toplifikacija – Inzenering dooel has diversified its activities in many sustainable energy related fields, EE and ESCO projects, gasification projects, but has always kept district heating plants, network and substations as a core business.

Contact:

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Website:

Vaš partner za izgradnju malih centraliziranih toplinskih sustava

<p>Imetvrtke:</p> <p>Vodoskok d.d.</p>	
<p>Naše aktivnosti vezane uz centralizirane toplinske sustave:</p> <ul style="list-style-type: none"> - implementacija modernih tehničkih rješenja za povećanje energetske učinkovitosti u toplinskim mrežama – sustav predizoliranih plastičnih polibutenskih (PB) cijevi Thermaflex Flexalen (optimizacija toplinskih i hidrauličkih gubitaka, rješavanje problema uzrokovanih korozijom i inkrustacijom, minimiziranje troškova priključivanja potrošača, ubrzanje izgradnje cjevovoda) - tehnička podrška pri planiranju i projektiranju energetski održivih sustava (naglasak na zaštitu okoliša, smanjenje emisije stakleničkih plinova, korištenje alternativnih izvora energije – biomasa, bioplin, geotermalna voda, solar) - tehnička podrška pri montaži sustava (aparati za zavarivanje, alati) 	
<p>Reference:</p> <p><i>Toplovodni cijevni sustavi Thermaflex Flexalen su u posljednjih 20 godina instalirani brojnim projektima izvedebim u cijelom svijetu. Navodimo razvode iz kotlovnica, razvode geotermalne vode, toplinske mreže na postrojenjima s bioplinom i biomasom, sekundarne distributivne cjevovode od toplinskih stanica, razvode u sustavima s toplinskim pumpama).</i></p> <p><i>Dodatno možemo navesti projekte s predizoliranim cijevnim podzemnim sustavima za distribuciju rashladne vode u hotelsko-apartmanskim objektima i kampovima, te projekte za distribuciju vruće sanitarne vode.</i></p>	
<p>Općenita područja našeg djelovanja:</p> <ul style="list-style-type: none"> - proizvodnja tlačnih PEHD cijevi za distribuciju vode i plina - proizvodnja PP cijevi i okana za gravitacijsku odvodnju - prodaja kompletnih cijevnih sustava za niskogradnju i visokogradnju - savjetovanje i inovativna tehnička rješenja za održivi razvoj i izgradnju 	

Općeniti opisnaštvrtke:



www.vodoskok.hr


Prodajni program 2016



Vodimo brigu o okolišu i pitkoj vodi!

Vodoskok d.d. je tvrtka osnovana u 2003. godine. Trenutno su u sastavu Vodoskok grupacije Hoplast-pipe Prelog, Vodoskok Tomislavgrad BiH i Vodoskok Skopje Makedonija sa sveukupno 180 zaposlenika. Uz sustave iz vlastite proizvodnje Vodoskok d.d. distribuira vrhunske proizvode etabliranih svjetskih (Thermaflex, Simona, Plastitalia, Ostendorf plastics, Electrosteel, F.I.V.) i hrvatskih proizvođača (MIV).

Kontakt: **VODOSKOK SKOPJE DOOEL Skopje**

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Adresa: ul. Pero Nakov br.116, 1040Skopje

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