

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

Project No: 691679



Cooperation with the industry

Country: Austria

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

Company name:

**Güssing Energy Technologies GmbH
(GET)**



Güssing Energy Technologies

Fields of our activities for small district heating:

- Concepts and planning of district heating plants and grids
- Investing and operating district heating systems
- Quality management for district heating systems
- Research and development in the field of district heating, biomass and biogas

References:

50% subsidiary company “Pomurske Elektrarne” in Slovenia to build and operate district heating systems and power plants; Several measurements and quality optimizations at DH systems in Austria; Innovative concepts for DH systems

General fields of our activities:

- Research and development in the field of district heating, biomass, biogas, biomethane, biomass gasifier, solar heat, heat pumps, building technologies, hydraulics
- Energy concepts and optimization for industry, municipality, buildings
- Drying (wood, food,...)

General description of our company:

The Güssing Energy Technologies is a fully independent Austrian non-profit research institute in the field of renewable energy and the development of innovative system combinations, new processes and procedures.

The Güssing Energy Technologies was founded in 2003. Due to the high experience in the field of district heating systems, energy concepts for industry, municipality and buildings the Güssing Energy Technologies offers its products and services at an unbeatable price and performance ratio. GET is determined to find the best economic and ecological solutions in a short time.



GET is located in Güssing (Austria)



Cross border projects with Slovenia



Arnold Schwarzenegger visited Güssing and said: Everybody should do what Güssing did!



Innovative energy concepts for urban areas

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Your partner to build small district heating systems

Company name:
Thermaflex



Fields of our activities for small district heating:

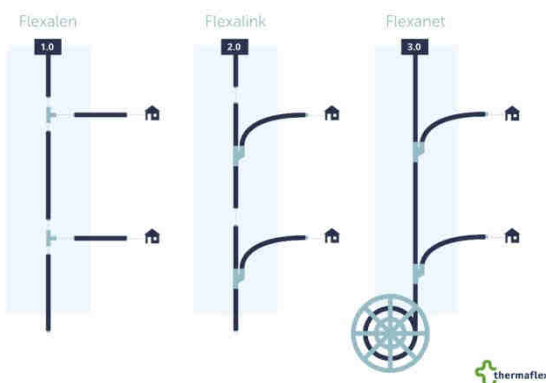
Thermaflex is the manufacturer of Flexalen pre-insulated pipes – diameter range d16-d225. The medium pipe is made out of Polybutylene, which is known for its flexibility and durability. Insulation and outer casing are made of PE. We strive for cost efficiency, fast installation and durability.



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
- Purmerend, The Netherlands-
- La Capelle Marival, France
- Lyngdal, Norway
- Wörgl, Austria
-

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 family 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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 Website: www.thermaflex.com



Your partner to build small district heating systems

<p>Company name: Hoval Gesellschaft mbH</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - Heat exchanger units (substations) - ready to use heating stations for small and large buildings - Domestic hot water stations - Special controllers for DH networks - SCADA systems 	
<p>References: Our control units for heating stations and our heating stations are installed in more than 500 cities in Austria, Germany, Switzerland, Italy, Poland, Netherlands, ...</p>	
<p>General fields of our activities:</p> <ul style="list-style-type: none"> - Producing heating substations - Producing domestic hot water substations - Producing control units for heating and district heating - Producing boilers, heat pumps, solar ... 	
<p>General description of our company: The Hoval Group designs and manufactures domestic and commercial heating systems like biomass boilers, heat pumps, solar thermal systems, oil-and gas boilers, calorifiers, district heating substations, as well as a wide range of diverse ventilation and air heat recovery technologies. The Group is recognised as a leading European pioneer and innovator in environmentally friendly heating, cooling and ventilation systems with headquarters in Vaduz, Principality of Liechtenstein. The Company can rely on more than 70 years of experience and a close-knit team culture to offer intelligent solutions and technically advanced developments. The business has around 1650 employees spread over 16 subsidiaries which act and think together as a large global family</p>	
<p>Contact: Contact person: Miroslav Hećimović Address: Nova ves 70, 10000 Zagreb Country: Croatia E-Mail: miroslav.hecimovic@hoval.com Phone: 00385 99 4666 377 Website: www.hoval.com</p>	

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Your partner to build small district heating systems

Company name:

**Regelungs-Verteilerbau GmbH
(RVB GmbH)**



Fields of our activities for small district heating:

- Concepts and planning of district heating stations
- Production of district heating stations
- Dimensioning of heat exchanger units

References:

- Experience since 35 years in the field of district heating systems
- sold over 5.000 heating stations with capacity from 15kW to 6,5MW
- controlling over 70 heating centers

General fields of our activities:

- Research and development in the field of district heating, building technologies, hydraulics
- Research and development in the field of bidirectional Systems
- Advice of planning companies and district heating operators

General description of our company:

RVB GmbH was founded in 1973.

At the beginning we built controlling systems and cabinets for house technic.

In 1989 we sold our first district heating station.

We are up to 10 employees and we produce everything in our company in Graz including also welding, testing and supply. The start up of the station controlling is executed by ourself.



3,5MW station for MedCampus in Graz




Company and production-center in Graz

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Phone: +43 / 316 / 67 67 65-0
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Your partner to build small district heating systems

<p>Company name: HERZ Armaturen d.o.o. (CROATIA – ZAGREB)</p>	
<p>Fields of our activities for small district heating:</p> <ul style="list-style-type: none"> - leading European manufacturers of biomass boilers, combination systems, transport systems, extraction systems and manufacturers of heat pumps, valves, fittings, circuit regulating valves, dynamic control fittings and thermostatic valves for domestic installations for heating, air conditioning, sanitary and gas appliances. 	
<p>References:</p> <p>Regional energy agency (town of Karlovac), 180 kW Factory Bernarada (town of Nedelišće), 299 kW Elementary school (town of Švarča), 499 kW District of Pokupsko , 1000 kW Castle of Lipa (town of Duga Resa), 100 kW Aqua park (Adamovec), 600 kW Town Zoo (town of Zagreb), 45 kW Water Supply Company (town of Buzet), 80 kW Company Ecos (town of Vitez), 350 kW Nursery (town of Udbina) , 20 kW Commercial business building (town of Novi Travnik), 201 kW (And many other.....)</p>	
<p>General fields of our activities:</p> <p>Research and development in the field of district heating, biomass, biomass gasifier, solar heat, heat pumps, building, valves, fittings, circuit regulating valves, dynamic control fittings and thermostatic valves , installations for heating, air conditioning, sanitary and gas appliances, technologies, hydraulics, energy concepts and optimization for industry, municipality, buildings, drying (wood, food,...)</p>	
<p>General description of our company:</p> <p>HERZ-Armaturen</p> <p>HERZ is an Austrian company, which is recognized internationally, at present, with approximately 2.400 employees in 24 production facilities worldwide, HERZ-Armaturen is one of the leading European manufacturers of biomass boilers and manufacturers of heat pumps, valves, fittings, circuit regulating valves, dynamic control fittings and thermostatic valves for domestic installations for heating, air conditioning, sanitary and gas appliances. Over the years HERZ has become the established specialist for renewable energy systems.</p> <p>The HERZ product range is a one-stop shop for: wood gasification boilers up to 40 kW, pellet plants and wood chip plants up to 1,500 kW (with cascade switching up to 4,500</p>	

kW), heat pumps up to 110 kW and buffer and hot water tanks. New member of Herz grupation is company Binder with the most modern biomass boilers up to 20.000 kW whit a use of cogeneration and steam. Its principal focus is on modern, cost-effective and environmentally friendly heating systems offering maximum comfort and user-friendliness.. We deal with resource-friendly energy supply and ensure an energy-efficient creation of economic and convenient systems.

Founded in 1896 the company, known today as HERZ Armaturen GmbH, was set up through the establishment of the valve factory Gebauer & Lehrner. At present, HERZ trades internationally in over 75 countries from its headquarters in Vienna/Austria. The company offers stability, reliability and continuity with a clearly defined company concept, a thoroughly integrated quality management, competent and motivated co-workers and regular personal contact on all levels.

Contact: Herz Armaturen d.o.o. (Croatia – Zagreb)

Contact person: Mr. Petar Jelić (regional manager for Croatia and Bosnia and Herzegovina)

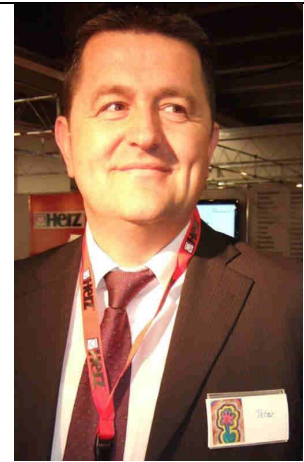
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Phone: 00385 91 31 10 991, 00385 1 6607 365

Website: www.herz-hr.com , www.herz.eu,
www.herz-energie.at , www.binder-gmbh.at



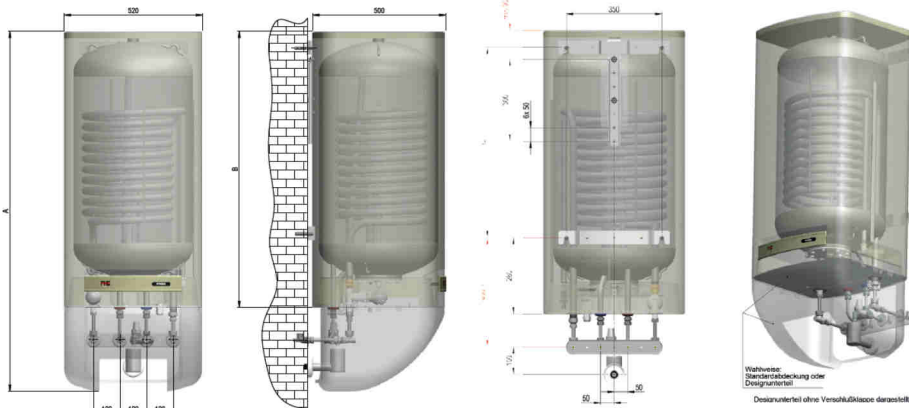
Your partner to build small district heating systems

Company name:
Austria Email AG



Fields of our activities for small district heating:

- Production and development of district heating tanks



References:

Our focus for district heating tanks is actually in Austria, where we sell yearly between 2.300 and 2.500 pcs. Products are installed all over Austria. The cities Graz, Klagenfurt and Villach are the bigger cities in terms of our sales.

General fields of our activities:

Production of enameled tanks and buffer storage tanks.

The product range includes a total of 385 basic models and 1,700 variations: from electrical water heaters and indirectly heated hot water cylinders for use with gas and oil through to systems using alternative energy sources. Among other areas, our product range also focuses on buffer tanks, solar energy systems, domestic water heat pumps, central heating cylinders and central heating thermal systems. The centrepiece and core competence of our entire product range is the enamelled internal boiler.

General description of our company:

The Austrian company AUSTRIA EMAIL is one of the leading European manufacturers of high-quality water heaters. They have the most state-of-the-art buffer cylinder factory in Europe (with an in-house fleece fabrication plant since 2010) and an in-house heating

technology laboratory with high quality test equipment.

AUSTRIA EMAIL is also a quality partner for wholesalers and industrial customers, offering sales support in the form of training, factory tours, partner programmes and targeted marketing campaigns.

AUSTRIA EMAIL is the market leader in Austria and the oldest listed company in Austria.

75 years of experience in enamelling technology speaks for itself:

- 25 export markets
- 350 highly motivated employees
- Annual turnover of 65 million euros

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