

Consortium



WIP Renewable Energies, Germany
Dominik Rutz [Dominik.Rutz@wip-munich.de]
www.wip-munich.de



PlanEnergi, Denmark
Morten Hofmeister [mh@planenergi.dk]
www.planenergi.dk



Güssing Energy Technologies GmbH, Austria
Richard Zweiler [office@get.ac.at]
www.get.ac.at



University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia
Neven Duić [neven.duic@fsb.hr]
www.fsb.unizg.hr



Skupina Fabrika d.o.o., Slovenia
Rok Sunko [rok@skupina-fabrika.com]
www.skupina-fabrika.com



International Center for Sustainable Development of Energy, Water and Environment Systems - Macedonian Section, Macedonia
Natasa Markovska [sdewes.skopje@sdewes.org]
www.sdewes.org/macedonian_section.php



University of Belgrade, School of Electrical Engineering, Serbia
Nikola Rajakovic [rajakovic@etf.rs]
www.etf.bg.ac.rs



JP Elektroprivreda BiH d.d.-Sarajevo, Bosnia-Herzegovina
Anes Kazagic [a.kazagic@elektroprivreda.ba]
www.elektroprivreda.ba



City of Šabac, Serbia
Slobodan Jerotić [slobodan.jerotic@sabac.org]
www.sabac.org



Općina Visoko, Bosnia-Herzegovina
Emir Fejzović [ler@visoko.gov.ba]
www.visoko.gov.ba



Občina Ljutomer, Slovenia
Mitja Kolbl [mitja.kolbl@ljutomer.si]
www.obcinaljutomer.si

Contact - CoolHeating Coordination

WIP Renewable Energies, Germany

Dominik Rutz

Dominik.Rutz@wip-munich.de
Tel: + 49 89 720 12 (-731) or (-739)
Fax: + 49 89 720 12 791
www.wip-munich.de

Disclaimer:

The sole responsibility for the content of this flyer lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the INEA nor the European Commission are responsible for any use that may be made of the information contained therein.

CoolHeating
.eu

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



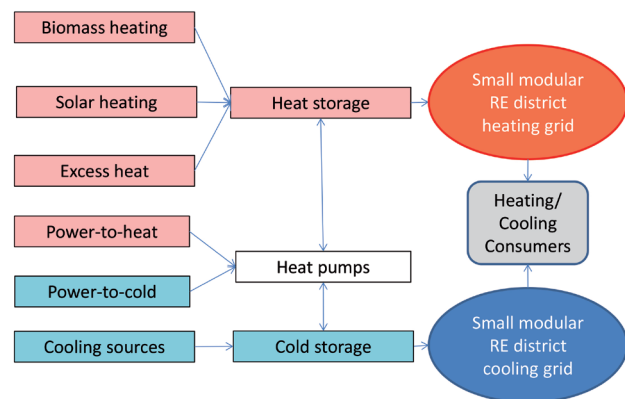
www.CoolHeating.eu



U
=
v

What are small modular renewable district heating & cooling grids?

Small modular district heating/cooling grids can be fed by different heat sources, including heat from solar collectors, biomass systems and from surplus heat sources (e.g. heat from industrial processes or biogas plants that is not yet used). Especially the combination of solar heating and biomass heating is a very promising energy supply strategy for smaller rural communities due to its contribution to security of supply, price stability, local economic development, local employment, etc. On the one hand, solar heating requires no fuel and on the other hand biomass heating can store energy and release it during winter when there is less solar heat available. Thereby, heat storage is usually a central part of the system. With increasing shares of fluctuating renewable electricity production (PV, wind), the Power-to-Heat conversion through heat pumps can furthermore help to balance the power grid.



CoolHeating - OBJECTIVES

The objective of the CoolHeating project is to support the implementation of „small modular renewable heating and cooling grids“ for communities in South-Eastern Europe. This is achieved through knowledge transfer and mutual activities of partners in countries where renewable district heating and cooling examples exist (Austria, Denmark, Germany) and in countries which have less development (Croatia, Slovenia, Macedonia, Serbia, Bosnia-Herzegovina). The outcome is the initiation of new small renewable district heating and cooling grids in 5 target communities up to the investment stage.



CoolHeating

In the CoolHeating project activities in several target communities are implemented. Thereby, the core activities are concentrated in the following communities:

- City of **Ozalj** (Croatia)
- Municipality of **Ljutomer** (Slovenia)
- Municipality of **Visoko** (Bosnia-Herzegovina)
- Municipality of **Karposh** (Macedonia)
- Municipality of **Sabac** (Serbia)

In addition to these target communities, experiences gained in the project are further distributed to other communities of the target countries.

