

CoolHeating - BACKGROUND

The heating and cooling demand in Europe accounts for around half of the EU's final energy consumption. Renewable energy policies often mainly focus on the electricity market, whereas policies for renewable heating and cooling are usually much weaker.



Therefore, it is important to support and promote renewable heating and cooling concepts. Small modular district heating/cooling grids can be fed by different heat sources, including from solar collectors, biomass systems and from surplus heat sources (e.g. heat from industrial processes or biogas plants that is not yet used).

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 – TARGET REGIONS

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)



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

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CoolHeating Partners:

WIP Renewable Energies, Germany

PlanEnergi, Denmark

Güssing Energy Technologies GmbH, Austria

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Croatia

Skupina Fabrika d.o.o., Slovenia

International Center for Sustainable Development of Energy, Water and Environment Systems - Macedonian Section, Macedonia

University of Belgrade, School of Electrical Engineering, Serbia

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City of Šabac, Serbia

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