RESCUE target groups and countries

Project duration
01 June 2012 to 30 November 2014

Target groups
Local governments
Utility companies
Building owners and investors
Financing sector

Target countries
The RESCUE project targets the whole EU 27, focusing on the following countries:

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Project Consortium

AGFW
www.agfw.de

ARE
www.areliguria.it

CCO
www.capitalcooling.se

CLIMESPACE
www.climespace.fr

EUROHEAT & POWER
www.euroheat.org

Helsingin Energia
www.helen.fi

ICLEI
www.icl-europe.org

TU DRESDEN
www.tu-dresden.de

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Urban Europe needs more and more cooling

Cooling energy demand within Europe, especially in urban regions, is rising significantly. If served conventionally, this would result in a significant rise in primary energy consumption, greenhouse gas emissions and peak electricity demand.

District Cooling is a sustainable and low carbon cooling solution

„District Cooling can satisfy rising cooling demand using low and zero carbon emitting sources“

District Cooling can satisfy this rising demand while saving both energy and money. This is a market with high expansion potential that can support the European move towards a green economy and contribute significantly to climate and environmental targets. District cooling is a sustainable alternative to conventional electricity or gas-driven air conditioning systems. The main idea is to use local resources that otherwise would be wasted or difficult to use: Natural cooling from deep sea, lakes and rivers, conversion of surplus heat from industry and combined heat and power and waste incineration.

Why is cooling important?

• Cooling is critical for the functioning of computers and manufacturing instruments.
• Cooling makes our urban environments more productive and comfortable.
• Cooling is becoming more and more important due to rising temperatures and internal heat gains in modern buildings.
• Today 40 % of commercial and institutional buildings in Europe already have cooling systems.

How will the RESCUE project help with the adoption of District Cooling?

The RESCUE project aims to address the key challenges for the further development and implementation of District Cooling using low and zero carbon emitting sources.

The project will target cities in Europe and help the adoption of District Cooling related policies by:

• providing guidelines and guidance for the implementation of District Cooling;
• providing general recommendations related to the legislative, technical and economic framework for District Cooling;
• providing a support package to indicate the potential viability of District Cooling, in order to include it in the municipalities Sustainable Energy Action Plan (SEAP) and
• making results widely available, including good practice case studies.