

Multi-level actions for enhanced Heating & Cooling plans

STRATEGO

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Keywords

- ◆ Heating and Cooling
- ◆ Planning (National H&C Plans and SEAPs)
- ◆ Thermal mapping (EU atlas and at local level)
- ◆ Transfer of knowledge
- ◆ Change on the ground / Identification of projects
- **Objective: bridge the gap between EU policy, national objectives and effective actions taken at regional and local levels**

Content

Background

Activities

- Mapping thermal needs and sources
- Developing sound NHCPs
- Identify priority areas for intervention
- Transfer of know-how

STRATEGO in figures

Facts & Figures

- ◆ 73% of the EU population live in cities
- No energy transition w/o sustainable cities/regions
- ◆ Thermal energy accounts for nearly half of the final energy consumption in Europe today
- No sustainable cities/regions w/o sustainable thermal energy

Supporting policy / studies

- ◆ Energy Efficiency Directive
 - ◆ National Heating and Cooling Plans (art. 14)
- ◆ Covenant of Mayors
 - ◆ Sustainable Energy Action Plans
- ◆ Heat Roadmap Europe studies
 - ◆ With a holistic approach, more efficient solutions can be implemented

Principles

- ◆ Ambitious heating and cooling project is needed
 - ◆ It must be technology neutral
 - ◆ Link between NHCPs (EU – national level) and SEAPs (local level) is needed
 - ◆ Sustainable solutions already exist but ambitious transfer of knowledge is missing
- **STRATEGO** is responding to these needs

Mapping thermal needs and sources

- Development of a European Thermal Atlas
 - Thermal needs
 - Thermal sources
 - Renewable energy
 - Excess heat from industry
- Development of local thermal maps

Developing sound NHCPs

- ◆ December 2015 – Deadline for MS to submit assessments of potential for efficiency in heating and cooling
- ◆ Quantify the energy efficiency potential for heating and cooling in 5 EU countries (Croatia, Czech Republic, Italy, Romania, and the UK)
- ◆ Communicate the results and foster the replicability

Define priority areas for intervention

- ◆ Support local authorities in taking action
 - ◆ **Priority areas** for intervention will be identified
 - ◆ At least **2 concrete projects** will be proposed in each of the 23 cities/regions
 - ◆ **Business models** for each of the projects will be developed
- ◆ Identified projects should be in line with NHCPs

Transfer of know-how

- Coaching sessions
 - Between learning cities and experienced cities
 - Between local authorities and national authorities
- Replicability of the proposed solutions

STRATEGO in figures

- ◆ 23 cities/regions involved
- ◆ 5 deep assessments of national energy efficiency potential (CZ, HR, IT, RO and UK)
- ◆ 16 partners from 12 EU countries
 - ◆ AT, BE, CZ, DE, DK, ES, HR, IT, PL, RO, SE, UK
- ◆ 32 months project
 - ◆ From April 2014 until November 2016
- ◆ One Pan-European thermal atlas

Alessandro Provaggi – Coordinator
Euroheat & Power

ap@euroheat.org / www.euroheat.org / www.dhcplus.eu

Tel: +32 2 740 21 13

Twitter: @STRATEGOproject

www.stratego-project.eu
