

# Multi-level actions for enhanced Heating & Cooling plans

## STRATEGO

Last update: May 2015



Co-funded by the Intelligent Energy Europe  
Programme of the European Union

## 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](mailto:ap@euroheat.org) / [www.euroheat.org](http://www.euroheat.org) / [www.dhcplus.eu](http://www.dhcplus.eu)

Tel: +32 2 740 21 13

Twitter: @STRATEGOproject

**[www.stratego-project.eu](http://www.stratego-project.eu)**

---