

ESCALATE aims to speed up
Europe's shift to clean renewable
energy by helping cities across the
EU plan for more energy efficient
heating and cooling.

The project focuses on towns with over 45,000 people, ensuring they have the tools and knowledge to create local heating and cooling plans that reduce energy use and support the environment.

communities to make their buildings sustainable, reduce pollution, and help Europe become climate-neutral by 2050 by providing expert training and a clear easy to follow guide on heating and cooling planning.



>>> CONTACT

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REVOLVE





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H&C Process,
Training and
Tools

Accelerating Europe's Clean Energy Future



PROCESS & DATA MANAGEMENT IN H&C PLANNING

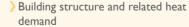


- Overview / steps in the planning
- Process management and integration of stakeholders
- Division of work between authorities, agencies and others
- Data collection, compilation and visualisation
- Specific principles for H&C plans to comply with the EED



TECHNICAL - INVENTORY ANALYSIS

(citiwatts, SAPHEA)



- Energy infrastructure and heat supply
- Energy and climate balance
- Cooling needs and related energy demand (CoolLIFE)



TECHNICAL POTENTIAL ANALYSIS

(citiwatts, SAPHEA)



- > Energy efficiency potentials in buildings
- > Local renewable energy sources
- > Excess heat
- District Heating (DH) priority areas
- > Potential for savings in cooling demand (CoolLIFE)



TECHNICAL - TARGET SCENARIOS

(citiwatts, SAPHEA)



- > Feasible heat supply solutions
- Heat demand scenarios
- Cold supply options and scenarios (CoolLIFE)
- Setting up target scenarios for entire cities



IMPLEMENTATION STRATEGY WITH MEASURES

(EU-27 Country Mapping of Financing Schemes to decarbonise Buildings, Heating and Cooling)

- Measures and prioritisation
- Strengthening of energy communities & other consumer-led initiatives
- > Continuation strategy

OPEN-SOURCE TOOLS AND DATABASES



°citiwatts











EU-27 Country Mapping of Financing Schemes to decarbonise Buildings, Heating and Cooling



Visit escalate-project.eu to learn more!