



ESCALATE

H&C Process, Training and Tools



PROCESS & DATA MANAGEMENT

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 (1, 2)



- › Building structure and related heat demand
- › Energy infrastructure and heat supply
- › Energy and climate balance
- › Cooling needs and related energy demand (3)



INVENTORY ANALYSIS



POTENTIAL ANALYSIS

TECHNICAL - POTENTIAL ANALYSIS (1, 2)



- › Energy efficiency potentials in buildings
- › Local renewable energy sources
- › Excess heat
- › District Heating (DH) priority areas
- › Potential for savings in cooling demand (3)



TECHNICAL - TARGET SCENARIOS (1, 2)



- › Feasible heat supply solutions
- › Heat demand scenarios
- › Cold supply options and scenarios (3)
- › Setting up target scenarios for entire cities



TARGET SCENARIOS



STRATEGIES & MEASURES

IMPLEMENTATION STRATEGY WITH MEASURES (4)

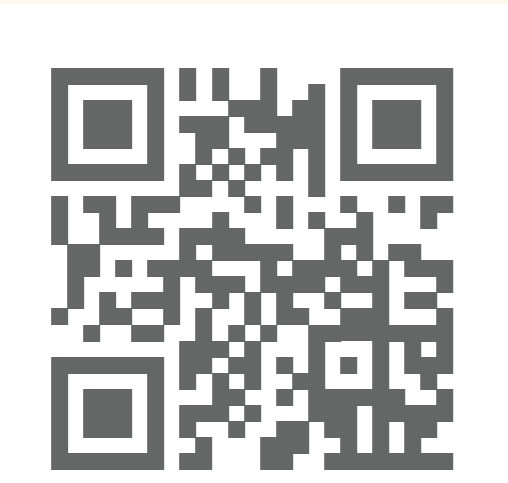
- › Measures and prioritisation
- › Strengthening of energy communities & other consumer-led initiatives
- › Continuation strategy



OPEN-SOURCE TOOLS AND DATABASES

1.

citiwatts



2.

SAPHEA
INTEGRATING GEOTHERMAL HEATING AND COOLING NETWORKS IN EUROPE



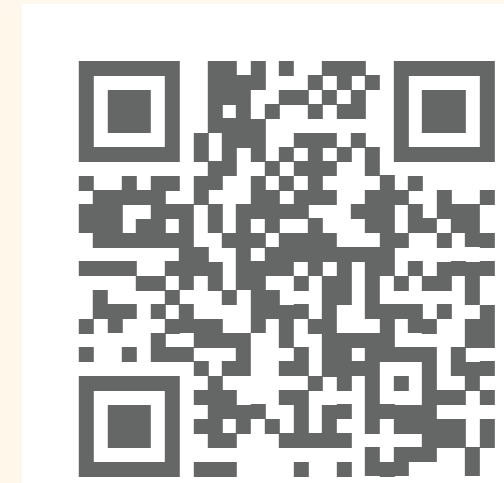
3.

Cool LIFE



4.

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



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