

Set-up of strategic H&C planning in your city: Vision, commitment and mobilisation

Alis-Daniela Torres – ICLEI Europe



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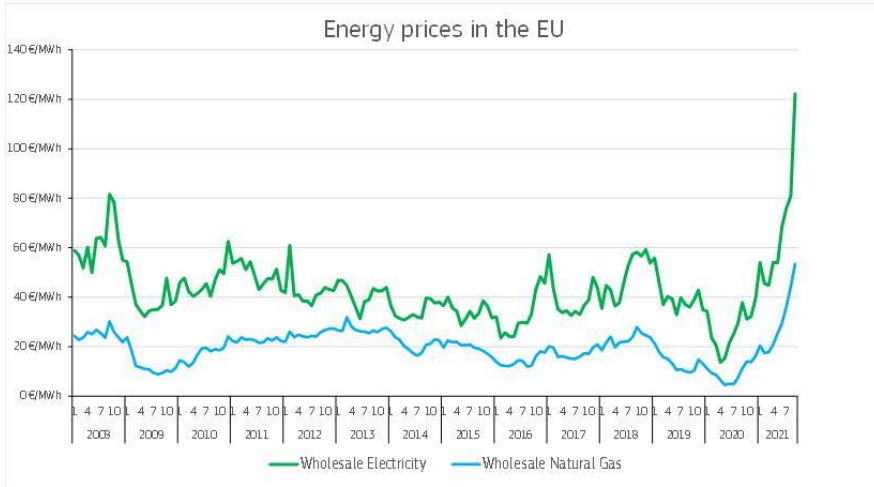


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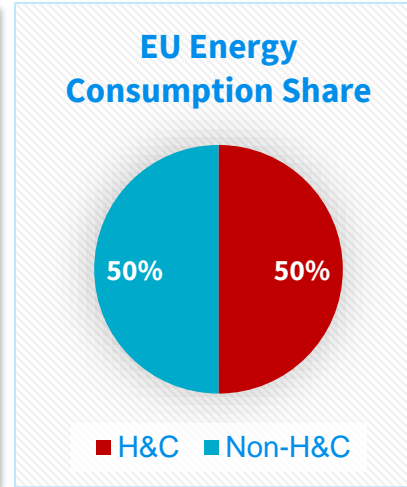
- Relevance of Heating and Cooling (H&C) Planning
- H&C Planning Vision, Commitment
- City examples
- H&C Planning Mobilization
- Further resources



Relevance of H&C Planning



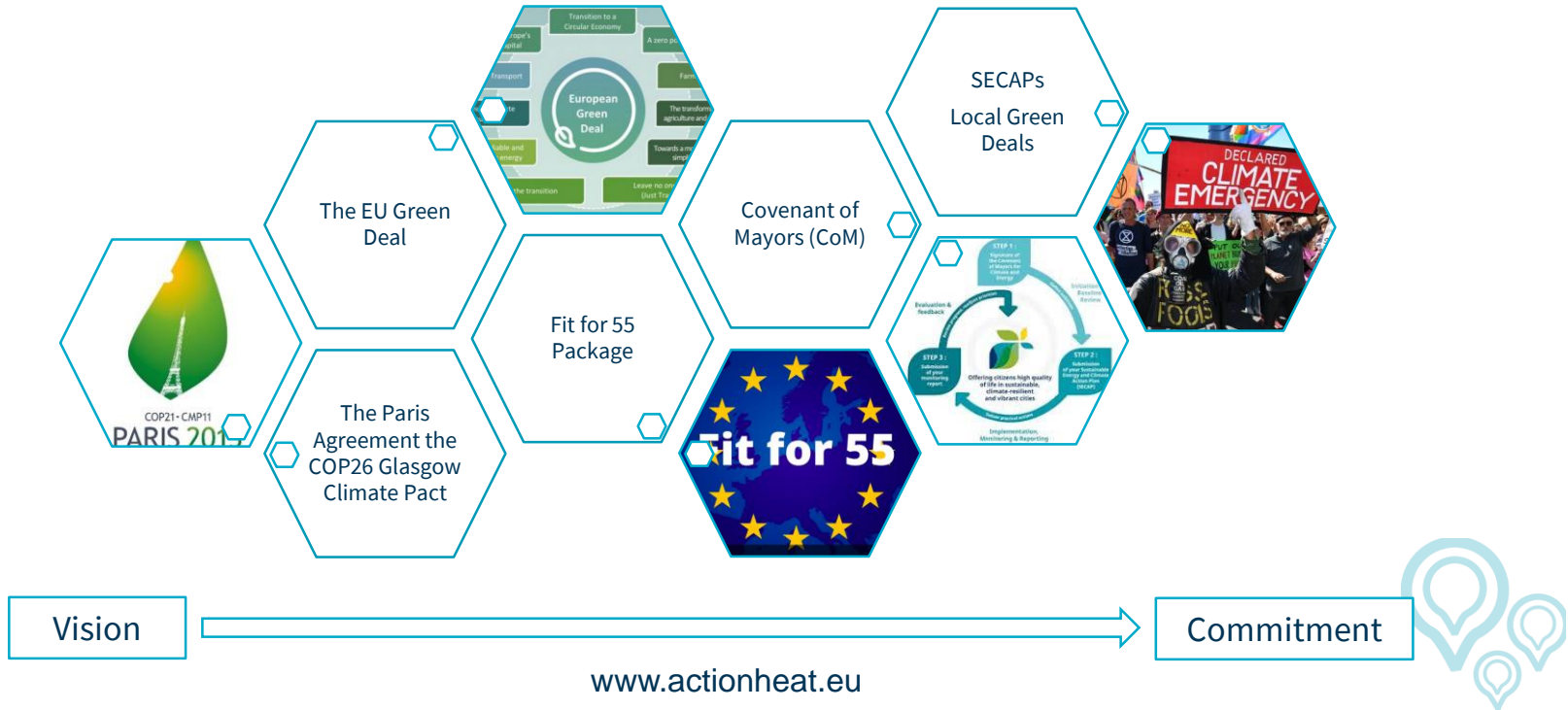
Source: EU Tackling rising energy prices: a toolbox for action and support. 2021



Source: Heat Roadmap Europe, 2018

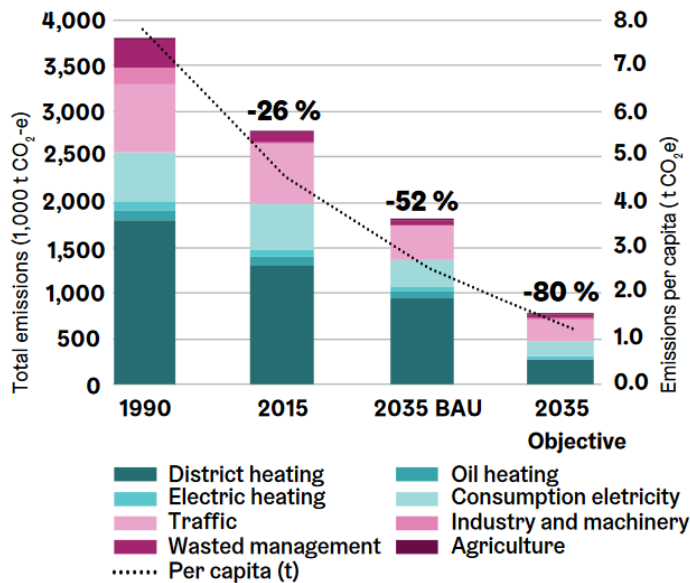


H&C Planning: From Vision to Commitment



Cities leading the way

Helsinki, Finland - Carbon Neutral City by 2035



BAU – Business as Usual Scenario

- Heat consumption +7%
- Geothermal heating ↗↗, district heating ↗, oil heating ↘, electric heating ↘
- Hanasaari B (coal plant) will be closed down 2024

Carbon Neutrality Scenario

- Heat consumption -19%
- Geothermal heating ↗↗↗, end to oil heating,
- 70 % of district heating will be emission-free and Helen will be climate-neutral by 2050.
- Recovering waste-heat
- Increase the locally produced renewable heating in buildings (solar storage)



Cities leading the way

Mannheim, Germany - Carbon Neutral City by 2030

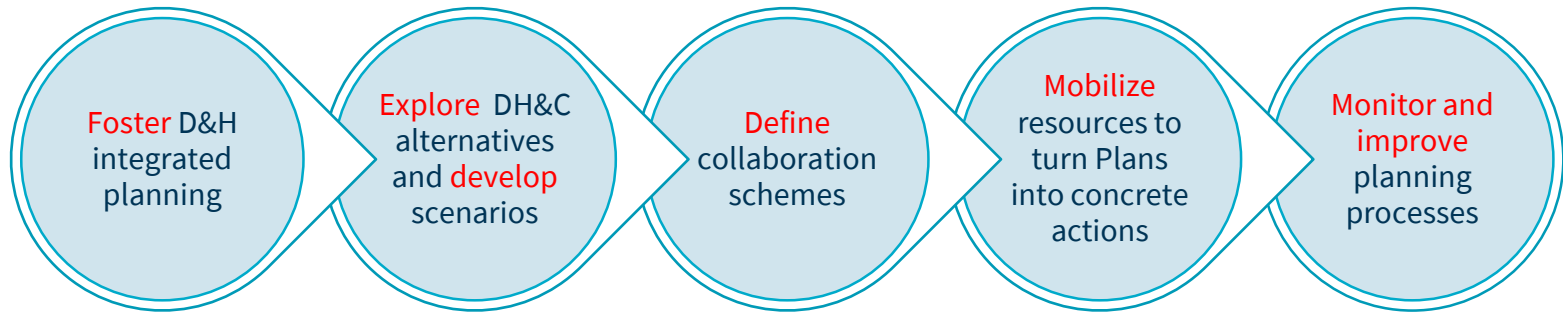


Climate Action Plan 2030.

- The largest hard coal-fired power plant in Germany supplies more than 60% of the inhabitants with district heating. Replace **the heat supply till 2030 by river heat, geothermal and biomass.**
- Energy efficiency in buildings
- To supply all municipal buildings with 40 MW peak solar energy for a climate-neutral administration by 2027



H&C Planning: Mobilization



Commitment



Mobilization



Further resources

- Covenant of Mayors: <https://www.covenantofmayors.eu/>
- Energy Poverty Advisory Hub: <https://energy-poverty.ec.europa.eu>
- POWERPOOR project: <https://powerpoor.eu/>
- KeepWarm learning centre: <https://keepwarmeurope.eu/learning-centre/>

KeepWarm Learning Centre

In our 'Learning Centre' you can find resources of interest for district heating operators/owners sorted according to the eight larger thematic areas below. Some of these resources were used by project partners during training workshops with district heating operators and other relevant actors in their countries. Other materials were developed by [related projects](#) who were or are still active in the area of district heating and cooling. Training materials in the languages of project partners can also be found under the respective [country pages](#).

Data inputs	Business models and funding	Financing implementation
Technical solutions and cases	SUSTAINABLE ENERGY SOURCES	Policy recommendations
Thermal planning tools	Capacity Building materials in other languages	Materials from KeepWarm's online seminars
Training material	Marketing material	KeepWarm final Inspire Event



Thank you!



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