



2050

Heat Roadmap Europe

A low-carbon heating and cooling strategy

Impact and Enabling Policy: References, Statements and Quotes

Project Number:	695989
Project acronym:	HRE
Project title:	Heat Roadmap Europe: Building the knowledge, skills, and capacity required to enable new policies and encourage new investments in the heating and cooling sector.
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This document is a collection of references, statements and quotes on the use and value of the Heat Roadmap Europe tools and findings as made by policymakers and other relevant stakeholders, who have been involved in the dissemination activities during the project duration (March 2016 – February 2019). The purpose is to document the outreach and influence of Heat Roadmap Europe regarding heat and energy planning topics at the different levels of policymaking authorities.

Global Impact

International Renewable Energy Agency (IRENA)

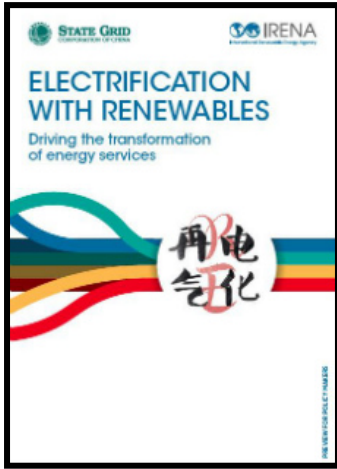


Figure 1: HRE Cited in the International Renewable Energy Agency (IRENA) & the State Grid Corporation of China Study: [Electrification with Renewables](#) - Driving the transformation of energy services. Refer to Text p. 9 and footnote p.19

World Economic Forum (WEF)

Figure 2. HRE cited in the [Renew Europe report](#) by New Concept for Europe Initiative, WEF: Integrated energy systems: A Europe that powers and heats itself. Refer to Text p. 29



European Impact

European Commission



Figure 3. HRE cited in the European Commission's [2050 long-term strategy \(A Clean Planet for all](#) - A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy). Refer to Footnotes # 185-186, p.64: [In-depth analysis accompanying the Communication](#)

European Commission – Directorate-General for Energy (DG ENER)

“ Heating and cooling needs are different across Europe, requiring tailored efficient solutions to meet them. The Energy Efficiency Directive calls on Member States to use thermal maps to start determining these solutions - Peta4 will be valuable for many of them. ”

- Dominique Ristori, Director-General of the European Commission's Directorate-General for Energy

European Commission – The Directorate-General for Regional and Urban Policy (DG REGIO)

“ Peta4 seems a very good tool to analyze regional and local needs to design approaches and public funding accordingly, including EU funding where relevant. The Commission has proposed the adoption of the National Energy and Climate Plan as an enabling condition for Cohesion Policy funding for energy efficiency and renewable energy 2021-2027 for strategic alignment on the national level. The work of HRE can give regions and cities concrete guidance on the local level. ”

- Maud Skäringer, Policy Analyst; Directorate-General for Regional and Urban Policy on Smart and Sustainable Growth, European Commission (October 2018)

European Parliament

“ We spend more than 40 % of Europe's energy consumption in buildings, so the potential is significant to lower the bills of Europeans and lower the EU's dependence on energy imports. Peta4.2 can form a valuable tool to achieve this - more efficient heating and cooling, and improved utilisation of the energy we produce in Europe. ”

- Bendt Bendtsen, MEP, and Member of the Committee on Industry, Research and Energy (ITRE) and Rapporteur for the Energy Performance of Building Directive

Regional Impact

Lower Saxony (Germany):

“ The depictions of the "Heat Roadmap Europe" and "Peta4" were very helpful in developing a vision and objectives for municipal heat planning (Kommunale Wärmeplanung). ”

- Georg Konrad Schuchardt, Energiesysteme und –speicher, Klimaschutz- und Energieagentur Niedersachsen

Strasbourg Metropole Region (France):

“ *Strasbourg aims for 100% renewable energy by 2050. Our initiatives to use deep geothermal energy or excess heat from a steel plant in Germany complements this target. Tools like Peta4, mapping the density of heat demand and excess heat, help us to implement sustainable energy policies going beyond political boundaries.* ”

- Francoise Bey; Deputy Mayor and vice-president of the Eurométropole Strasbourg

Treviso Province (Italy):

“ *Our core business is the daily management, maintenance and energy management of more than 100 public buildings (...). Thanks to the HRE4 project, we have got the chance to enlarge our vision that has to do a step forward in order to strongly contribute to the EU targets.* ”

- Antonio Zonta, Director of the Buildings, Estates and Public Procurement Department, Provincia di Treviso

Local Impact

Alba Iulia (Romania):

“ *Heat Roadmap Europe can offer concrete solutions that can be tested in Alba Iulia, as well as in other cities in Europe. It offers a lot of good practices that can be adopted, transferred and shared with other peers. It will also help us to create synergies between the adopted SUMP and the SECAP that is currently in process of elaboration, and will support us to implement actions that are relevant to both documents and for the sustainable development of Alba Iulia Municipality.*

The following HRE project outcomes and tools will feed into the next SECAP of the Municipality of Alba Iulia, which is currently being drafted (a draft with the relevant pages and conclusions impacted by HRE will be shared by the Municipality as soon as completed): Peta4 map; HRE graphs or message(s) from Heat Roadmap Romania relevant to Alba Iulia's context; adapted recommendations from the local/regional guidelines. ”

- Tudor Dramborean, Project Manager, Alba Iulia Municipality

Antwerp (Belgium):

“ *The HRE Peta4 map has been useful in putting our ambitions in Antwerp into an international perspective for our stakeholders, and has proven very complimentary to our own mapping initiatives. For example, it was an eyeopener that we are in the same priority region as Rotterdam, with whom we have good contacts. We will explore this in the context of Antwerp's own pathway to becoming a climate neutral city.* ”

-Koen Enkels, Project Manager District Heating Antwerp

Lille (France):

“ We used the Heat Roadmap Europe tools as an information basis to investigate the heat requirements of certain neighborhoods and examine sources of waste heat. We also shared these tools with several other technicians in the energy department for their various projects (in particular the energy planning study). ”

- Jean-Philippe Delangre, District Heating Engineer, Métropole Européenne de Lille

Murcia (Spain):

“ Murcia City Hall is currently designing its Sustainable Energy and Climate Action Plan (SECAP), and in doing this has taken advantage of previous actions like the Heat Roadmap Europe project. On the subject of this mitigation plan for climate and energy, one of the most important actions to implement before 2030, is establishing the policy regarding district cooling and heating, and of heat reuse.

Additionally, Murcia is also actively working in the area of circular economy, and using the Peta4 software we have a unique opportunity to design innovative projects about how to connect heating demand (consumers) and heating supply (producers), boosting new lines of business between private and public companies. These are the primary reasons for which we were glad to become part of the Cities & Regions Interest Group, in order to continue working at the forefront of this area, to contribute, share and co-create solutions. ”

- Manuel Valls Sevilla, Municipal Engineer, Murcia City Hall

Importe estimado (€)	Fecha inicio	Fecha Fin	Presupuesto	COP	MCM	MCM	MCM	MCM	MCM	MCM
	2020	2021	10.000							

Figure 4: HRE cited in Murcia’s Sustainable Energy and Climate Action Plan (SECAP) (2019) p. 66

Strasbourg City (France):

“ In the shaping of Strasbourg’s Energy Master Plan, the HRE Roadmaps help us to benchmark our evolution in DHC terms. ”

- Gerard Pol Gili, Project Manager of Renewable Energies, City of Strasbourg

Other

COGEN Europe

“
Heat Roadmap Europe demonstrates that we have to look at heating & cooling and the entire energy system in an integrated way, if we want to decarbonise our economy. Cogeneration and district heating are solutions which integrate key energy infrastructures. Therefore, we advocate for speeding up the uptake of these solutions on the path to decarbonisation.

It is crucial that the findings of HRE are promoted as much as possible. National and EU policymakers have to understand the importance of decarbonising heating and cooling for meeting our Paris Agreement objectives. Effective policies are needed today and we are happy to see that HRE brings significant added value to the discussion on how to shape our future energy system.”

- Alexandra Tudoroiu-Lakavičė, Senior Policy Manager, COGEN Europe

Danish Board of District Heating (DBDH)

“
The Heat Roadmap Europe Project has played a determining role in making DH known in Europe. The scientific evidence presented in conferences, reports and online plays a key role in DBDH work to promote district energy world-wide.”

- Morten Jordt Duedahl, Business Development Manager, DBDH

DEVCCO – District Energy Venture

“
What Heat Roadmap Europe is doing is fantastic for raising awareness on heating and cooling issues. As seen in our own interactions with Brussels, decision-makers there are finally seeing the need to increase uptake of district cooling to meet current cooling demands, and those of the future where exponential growth is expected.”

- Jakob Bjerregaard, Partner, Devcco District Energy Venture