



WHO WE ARE...





www.euroheat.org

- International association for district heating and cooling and network of professionals
- Headquarters in Brussels, Belgium
- 100 members from more than 30 countries
- National DHC associations, utilities, manufacturers, universities, research institutes and consultancies
 - Advocacy & Representation
 - Research & Innovation



















URBAN WORKING TOGETHER FOR BETTER CITIES AGENDA FOR THE EU

- Pact of Amsterdam in 2016 established the Urban Agenda for the EU
- Recognises the importance of effective urban policy and incorporating cities in policy-making
- Priorities themes considered essential to the sustainable development of urban areas
- 12 Partnerships cover these priority themes
- Partnerships gather cities, Member States and EU institutions



ENERGY TRANSITION PARTNERSHIP

Partnership drafted an Action Plan with **5 actions** aiming at:

- Improving energy efficiency at a city-level through the recovery and use of waste heat and at a building level through retrofitting for energy efficiency and energy management;
- Fostering innovative approaches to energy storage and supply (e.g. local systems);
- Increasing the amount of local and renewable energy.

		NAME	LEADER	CONTRIBUTOR(S)	AIM(S)
	DISTRICT ENERGY				
	1	'Financing for District Energy' Task Group	Groningen	Navarra, CEMR, Gothenburg, Tilburg, Roeselare, Germany, EIB	EEFIG Subgroup (Better Funding)
	2	Maximising Use of Waste Heat in Cities	Euroheat & Power	Tilburg, Roeselare, Udine, Groningen, Gothenburg, CEMR & CELSIUS Project.	Position Statement (Better Regulation + Better Knowledge)
	ENERGY MASTERPLANNING				
	3	Energy Masterplanning for Cities	Warsaw Germany, Roeselare	Energy Cities, Tilburg, Gothenburg, CEMR, Eurocities, Udine.	Support Document (Better Regulation + Better Knowledge)
ENERGY EFFICIENCY					
	4	'Deployment Desks' for City Retrofitting	Navarra	Vidzeme, Vaasa, Eurocities, CEMR	Concept Paper (Better Knowledge)
MAKING EU FUNDING WORK BETTER FOR CITIES					
	5	Closer Co- operation with EU Bodies to Promote Energy Transition Funding	Tilburg	Vidzeme, Eurocities, Germany	Position Paper (Better Funding)

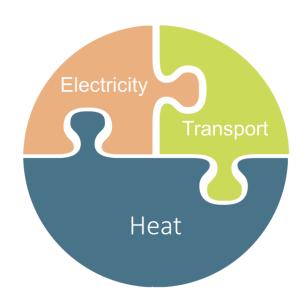




No Energy Transition without Heating and Cooling

Heating & Cooling represents

50% of the EU total annual energy consumption



75% of EU citizens will live in urban areas in 2020, with an increase to 84% by 2050





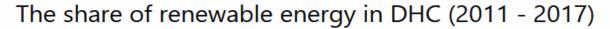
EU ENERGY & CLIMATE TARGETS

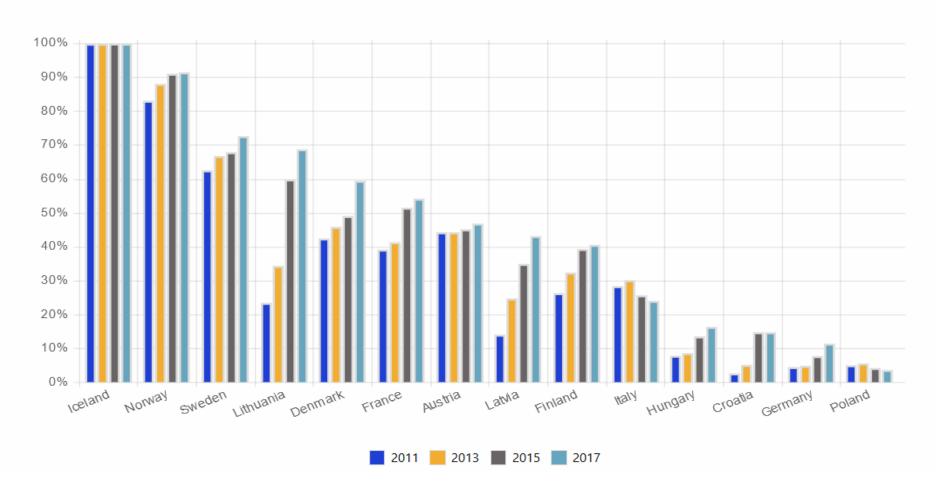


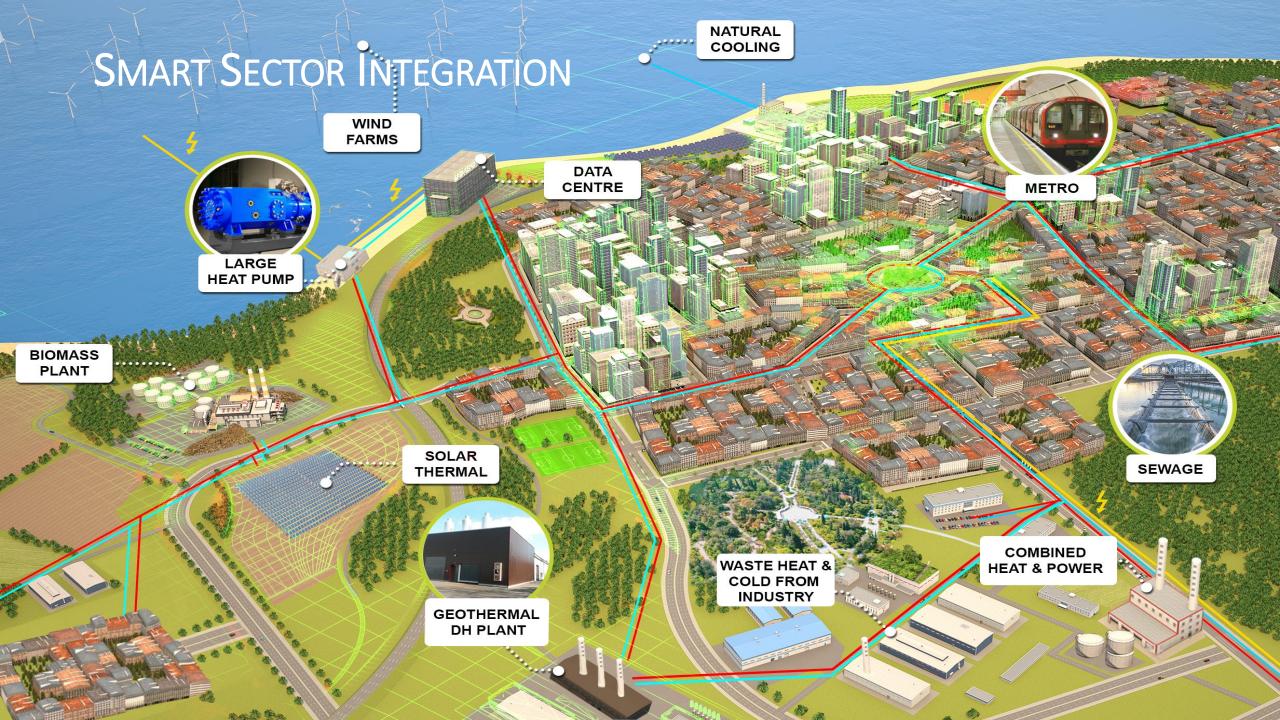




SHARE OF RENEWABLE SOURCES









DISCUSSION PAPER: A MULTI-STAKEHOLDER APPROACH





DISCUSSION PAPER

The barriers to waste heat recovery and how to overcome them?

June 2020

Authors

QC, Ing. Ralf-Roman Schmidt, AIT Austrian Institute of Technology GmbH Ing. Roman Geyer MSC, AIT Austrian Institute of Technology GmbH Pauline Lucas, Euroheat & Power

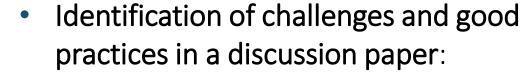
Reviewers

Simon Wyke, Greater London Authority

Document versions

Version	Date	Comment
1	20 March 2020	First version
2	25 June 2020	Version updated following stakeholders' feedback

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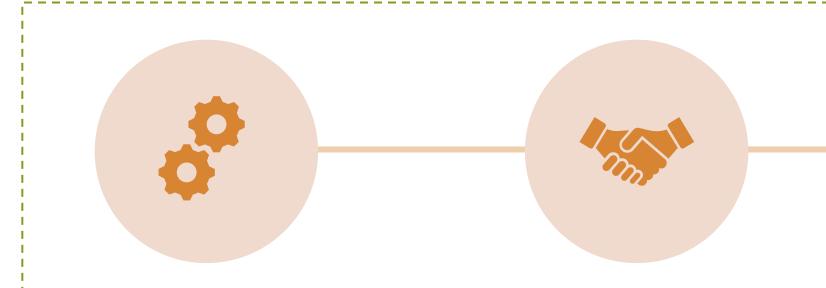
- on different levels: technical, economic & financial, legislative and regulatory, societal and cognitive
- from different perspectives: waste heat owners, DHC sector, cities, research, etc.
- Literature and expert review: Workshop in Brussels on 5/3/20 and several round of comments and exchange

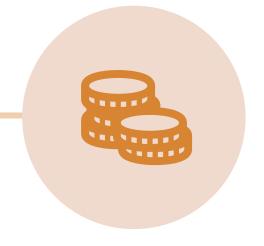


https://www.euroheat.org/wp-content/uploads/2020/06/Discussion.pdf



RECOMMENDATION PAPER





A REINFORCED EU FRAMEWORK
TO UNLOCK WASTE HEAT
RECOVERY AT LARGER SCALE

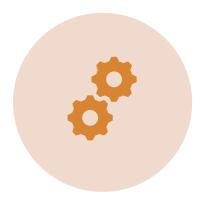
EMPOWERMENT AND
COOPERATION FOR WASTE HEAT
ACTORS

A ROBUST FINANCING AND
BUSINESS FRAMEWORK FOR
WASTE HEAT PROJECTS

https://www.euroheat.org/wp-content/uploads/2020/06/Recommendation.pdf



RECOMMENDATION PAPER



A reinforced EU framework to unlock waste heat recovery at larger scale

- ✓ Set a uniform CO2 price across the heating sector
- ✓ Promote best practices from Member States
- ✓ Consistent EU legislative framework
- ✓ Update EU modelling tools
- ✓ Promote the visibility and use of the results of the EED Comprehensive Assessments



RECOMMENDATION PAPER



Empowerment and cooperation for waste heat actors

- Ensure the cooperation between governance levels
 - Structured dialogue
 - Involvement of local level in EU policy-making
- Empower the different waste heat actors: better communication, knowledge and trust
 - Forums for matchmaking, facilitating contacts and exchange
 - Spreading know-how, good practice and training stakeholders
 - Raise awareness of waste heat in the general population and end-users

