



WS7

Breaking Barriers – Accelerating Heat Pump Deployment

Organizer:
Heat Pump Centre,
HPT TCP by IEA

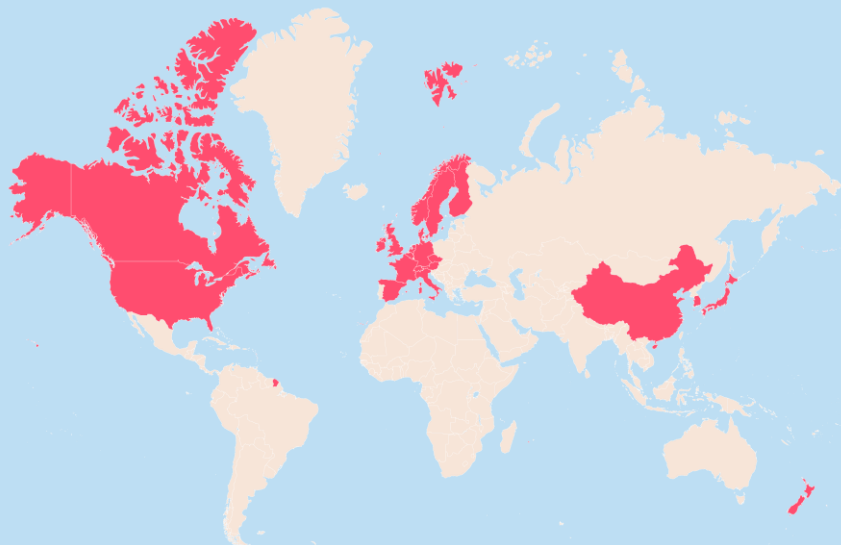


Technology Collaboration Programme on Heat Pumping Technologies (HPT TCP)

Research, Development, Demonstration, and Deployment of Heat Pumping Technologies

The HPT TCP is part of a network of autonomous collaborative partnerships focused on a wide range of energy technologies known as Technology Collaboration Programmes or TCPs. The TCPs are organized under the auspices of the International Energy Agency (IEA), but the TCPs are functionally and legally autonomous. Views, findings, and publications of the HPT TCP do not necessarily represent the views or policies of the IEA Secretariat or its individual member countries.

About Heat Pumping Technologies TCP



Austria
Belgium
Canada
China
Czech
Republic

Denmark
Finland
France
Germany
Ireland

Italy
Japan
Netherlands
Norway
South Korea

Spain
Sweden
Switzerland
United
Kingdom
United States
New Zealand
(limited
sponsor)

- A Technology Collaboration Programme (TCP) within **the IEA** since **1978**
- An international framework of **cooperation** and **networking** for different HPT actors
- A forum to exchange **knowledge** and **experience**
- A contributor to **technology improvements** by RDD&D projects

Heat Pump Centre – programme office and communication centre of HPT TCP

The team



Dr. Monica Axell

Co-lead



**Dr. Caroline
Haglund
Stignor**

Co-lead



Dr. Metkel Yebiyo

Technical Expert



Mia Westh

Communications
Specialist



**Emilia Pisani
Berglin**

Programme
Coordinator

Purpose and objective of workshop

- Share knowledge, experience and perspectives from different stakeholders and different parts of the world
- To discuss solutions to existing barriers
- To identify areas for collaboration
- To identify topics for new activities within HPT TCP, such as new collaborative research, development and demonstration projects

Agenda	Session 1	
10.00	Welcome & Opening Remarks	Heat Pump Centre
10.10	Introductory interventions, session 1	
	<i>Current global status and outlook for heat pump roll-out – possibilities and challenges</i>	Axel Nordin Furdos, International Energy Agency (IEA)
	<i>Policy actions on European level</i>	Silvia Rezessy, DG ENER, European Commission (EC)
	<i>Policy measures needed to drive heat pumps</i>	Richard Lowes, Regulatory Assistance project (RAP)
	Q&A, interaction with audience	
10.50	Panel discussion <i>Challenges, solutions, success stories on different markets</i>	Hengyi Zhao (CN), Sophie Hosatte (CA), Martin Forsén (SE), Sylvia Rezessy (EC)
11.20	Coffee break	

Agenda	Session 2	
11.40	Introductory interventions, session 2	
	<i>Costumer perspectives</i>	Anja Floetenmeyer-Woltmann
	<i>Planning and installations – challenges and possibilities</i>	Jona Brach, HPAC Heat Pump Academy
	<i>Acoustic barriers and possibilities – visualization of sound</i>	Christoph Reichl, AIT & Michael Wernhart, TU-Graz
12.15	Group discussions <i>How to overcome barriers, measures to be taken, identification of research needs</i>	All
	Wrap-Up from Groups & Action Mapping	Heat Pump Centre
	Closing remark	Heat Pump Centre
13.00	End of workshop	



How is the outlook for deployment of heat pumps in your country? (according to you)

- Increasing
- Stable
- Decreasing

Session 1

Introductory interventions

Presenters, session 1



Axel Nordin Furdos,
International Energy
Agency (IEA)



Sylvia Rezessy,
European Commission,
DG ENER



Richard Lowes,
Regulatory Assistance
project (RAP)



Which is the most important barrier to heat pump deployment in the built sector (in your country)?

1. First cost
2. Running cost/Operation cost
3. Electric grid capacity
4. Non-sufficient performance of the technology
5. Complicated customer journey
6. Low awareness about the technology
7. Low trust in the technology
8. Unstable policy support
9. Other (ask for examples)

Most important => Stand up

Second most important => Raise your hand

Panel discussion



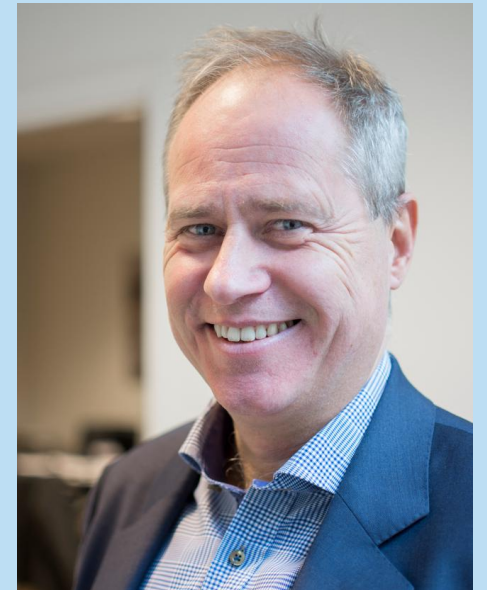
Hengyi Zhao,
China Heat Pump Alliance



Silvia Rezessy,
European Commission,
DG ENER



Sophie Hosatte,
Natural Resources Canada



Martin Forsén,
NIBE International
Affairs, Sweden

Coffee Break

Subtitle chapter

Session 2

Introductory interventions

Presenters, session 2



**Anja Floetenmeyer-
Woltmann**



Jona Brach
HPAC Heat Pump
Academy



Christoph Reichl,
AIT



Michael Wernhart,
TU-Graz

Group discussions

Questions to discuss

Think of one specific person/building owner/ decision maker you know who could install a heat pump and still hasn't

How to **overcome** the most important **barriers** to heat pump **deployment** in the built sector?

- Considering all type of buildings – single-family, multifamily and commercial buildings?
1. Which **measures** should be taken and by **whom**?
 2. Are there specific **needs for research, development** and/or **demonstration** activities which could be performed by **HPT TCP**?

Closing remarks

Please answer
the survey

What is your outlook on heat
pumping technologies?





Thanks for your contribution!

