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Agenda

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# Workshop on Regional Heating and Cooling priorities in the framework of the Smart Specialisation Platform (S3P-E H&C)

Joint Research Centre

30<sup>th</sup> May – 1<sup>st</sup> June 2018

The European Commission's  
science and knowledge service

Joint Research Centre

Joint  
Research  
Centre

# Workshop on Regional Heating and Cooling priorities in the framework of the Smart Specialisation Platform

**Sub-title: Heating and cooling technologies and planning**

**9:20 – 9:30** Welcome. DG ENER  
Mr. Tudor Constantinescu. Principal Advisor To The Director General For Energy at EC

**9:30 – 10:00** Welcome and introduction to the workshop.  
DG JRC / regional representatives

**Session:** *Analysis of regional priorities and challenges*

**10:00 – 10:45** **Analysis on priorities/barriers/challenges of regions based on the information from questionnaires/assessments**  
Juan Pablo Jimenez Navarro, JRC

**10:45 – 11:15** Coffee break

**Session:** *Technology session — review of options*

**11:15 – 11:35** **Renewable heating technology solutions including heat pumps**  
Mr. Lukas Kranzl. TU Wien

**11:35 – 11:55** **Renewable cooling technology solutions including heat pumps**  
Mrs. Sibylle Braungardt

**12:00 – 12:30** **District heating and cooling systems**  
Mr Cyril Roger-Lacan

**12:30 – 13:00** **Sustainable buildings**  
Mr. Andreas Hermelink. Ecofys

**13:00 – 13:45** Lunch

**Day 1 — 30<sup>th</sup> May 2018**

Venue: CCAB room 4D (meeting centre Albert Borschette), Rue Froissart  
36, 1040 Etterbeek

**Sub-title: Heating and cooling technologies and planning**

**Session:** *Strategy session – technology implementation*

**13:45 – 14:15** **Heat Roadmap Europe 4**  
Mr. Brian Vad Mathiesen. Aalborg University

**14:15 – 15:15** **Evaluation of economic energy efficiency potential in H&C sector**  
Johan Carlsson, JRC

**15:15 – 15:45** Coffee break

**15:45 – 16:15** **Example of advanced cities in Europe — Barcelona**  
Mr. Manuel Torrent. Agència d'Energia de Barcelona

**16:15 – 16:45** **Experiences from setting up energy partnerships**  
Fernando Merida Martin, JRC

# Workshop on Regional Heating and Cooling priorities in the framework of the Smart Specialisation Platform

**Sub-title: Heating and cooling technologies and planning**

**Session:** *Strategy session (continued)*

**9:00 – 10:30** *Regions present examples of successful implementation of T01 and T04 or other projects that made their H&C sector more sustainable*

Mr Evgeni Antanasov of Sofia municipality  
Mrs Macoveiu of North-East RDA

**10:30 – 11:00** Coffee break

**Session:** *Regional cooperation*

**11:00 – 11:30** **S3P partnership: biomass**

Mr. Rafael Ayuste Cupido. Regional Energy Agency of Castilla y León

**11:30 – 12:00** **S3P partnership: sustainable buildings**

Mr. Joaquín Villar. Regional Energy Agency of Andalucía

**12:00 – 12:20** **Wrap-up of H&C session**

Rapporteur

**12:20 – 13:20** **Lunch**

## Day 2 — 31<sup>st</sup> May 2018

Venue: CCAB room 4D (meeting centre Albert Borschette), Rue Froissart  
36, 1040 Etterbeek

**Sub-title: Heating and cooling financing**

**13:20 – 13:30** *Introduction to financing workshop*

**Session:** *District heating and cooling financing*

**13:30 – 14:00** *Heating and Cooling decarbonisation policies and related EU financing*

*Eva Hoos DG ENER*

**14:00 – 14:30** **Main Financial Mechanisms for district heating and cooling ESCOs and Energy Performance Contract activities in district heating**

Dr. Paolo Bertoldi. Action leader for energy efficiency at JRC

**15:00 – 15:30** **Example of EBRD financing for district heating and cooling**

Mr. Greg Gebrail. Principal Engineer at EBRD

**15:30 – 16:00** **Coffee break**

**16:00 – 16:30** **Example of EIB financing for district heating and cooling**

Mr. Reinhard Six. Engineer for energy efficiency and renewables at EIB

**16:30 – 17:00** **Cohesion policy funding for district heating and cooling**

Dr. Gergana Miladinova. DG REGIO

**17:00 – 17:30** **ESCOs and Energy Performance Contract activities in public buildings**

Dr. Paolo Bertoldi. Action leader for energy efficiency at JRC

**17:30 – 17:45** **Region Experience**

Mr. Tomasz Harkot. Lubelskie (no PPT)

**17:45 – 18:15** **Open discussion and conclusions**

**19:00 – 22:00** **Dinner at Commission building VM-2 Rue Van Marleant 2, 1040 Etterbeek, Brussels, Belgium**

1st floor. Room Brasserie

# Workshop on Regional Heating and Cooling priorities in the framework of the Smart Specialisation Platform

**Day 3 — 1<sup>st</sup> June 2018**

Venue: CCAB room 4D (meeting centre Albert Borschette), Rue Froissart  
36, 1040 Etterbeek

**Sub-title: Heating and cooling financing**

**Session:**        *Sustainable buildings*

**9:00 – 9:30**    **Examples of Energy Performance Contract in building renovation (thermal insulation, renewable and conventional H&C equipment)**  
Simone Alessandri EU.ESCO

**9:30 – 10:00** **DER and HVAC in advanced Energy Performance Contracting Business Models**  
Mr Lohse, Klmatschutz- und Energieagentur Baden Württemberg

**10:00 – 10:30** **Energy Efficiency policies in buildings and the Smart Finance for Smart Building initiative**  
Mr. Timothy Noel. DG Energy

**10:30 – 11:00** **Coffee break**

**11:00 – 11:30** **Financial Instruments for Energy Efficiency in Lithuania**  
Agnė Kazlauskaitė, Ministry of Finance of the Republic of Lithuania

**11:30 – 12:00** **The "ESKO Ekosystem": Guidelines and platform, the key to scale in EE financing**  
Nicholas Stancioff, LABEEF, Latvia

**12:00 – 12:30** **City Experience**  
Piero Pelizzaro, Municipality of Milan

**12:30 – 13:00** **Open discussion and conclusions**

**13:00 – 13:15** **Concluding remarks and closure of workshop**