



TOWARDS LOW CARBON HEATING AND COOLING IN BUILDINGS: three different perspectives

12th March 2019 – 09:00-15:30

@ISH, Frankfurt (Germany) – Transparenz 2 in Portalhaus, Level 1

AGENDA

- 09.00 Welcome Coffee & Registrations
- 09.30 Welcome, Thomas Nowak, EHPA
- 09.35 Keynote Speech on ongoing policies – Horizon 2020, Representative from European Commission (TBC)

Session 1: Project presentation by project coordinators

- 10.00 Heat4Cool - Smart retrofitting of heating and cooling systems in buildings, Marcello Aprile
- 10.10 Thermoss - Building and district thermal retrofit and management solutions, Federica Fuligni
- 10.20 SunHorizon - Sun coupled innovative heat pumps, Stefano Barberis

Session 2: Coupling renewable and heating & cooling solutions/ New technologies

- 10.35 Adsorption and friends: Development of flexible solutions for solar thermal cooling, Fahrenheit – Heat4Cool, SunHorizon
- 10.50 Sewage heat recovery for district heating and cooling, Thermowatt - Heat4Cool
- 11.00 Solar and Heat pumps: how to couple the most socially accepted low carbon H&C technologies (BOOSTHEAT, TVP Solar, DualSun) - SunHorizon
- 11.30 PMC thermal storage: The new era of batteries, Sunamp - Heat4Cool
- 11.40 Bringing Natural Gas at the highest electrical efficiency: The case of SOLIDpower - Thermoss
- 11.50 Panel discussion

12.15 Lunch break

Session 3: HOW DIGITAL SOLUTION CAN SUPPORT THE DECARBONISATION OF HEATING AND COOLING?

- 13.45 How Monitored data can make H&C more sustainable: Schneider Electric monitoring and communication system - SunHorizon and Thermoss
- 14:05 Data checking analysis and validation, STAM - Thermoss
- 14.15 Heat4Cool Smart Energy Management Tool: From monitoring to comfort profiling and control automation, Hypertech - Heat4Cool

14.25 From data to value – Connectivity Solutions, Bosch Thermotechnik - Thermoss
14.35 Panel Discussion

15.30 End of the meeting