



## **District Energy Systems: A collaborative exchange of results on planning, operation and modelling for energy efficiency**

This will be a collaborative workshop among EU funded projects in the area of District Heating and Cooling.

The objective of the workshop is twofold:

1. To create a cluster of European funded projects working in the area of District Energy Systems;
2. To create a networking opportunity in which we can share experiences on the results and difficulties of our research, and identify synergies.

The workshop is organized by INDIGO project (GA 696098) and it will count with the participation of the projects:

- **INDIGO:** Miika Rämä (VTT), *“District Cooling Systems Planning Tool”*; and Raymond Sterling (NUIG), *“Modelica/FMU/EnergyPlus based virtual test-bed for MPC developments”*.
- **E2District:** Martin Klepal (CIT), *“E2District: Behaviour Demand Response”*.
- **Flexynets:** Marco Cozzini (EURAC), *“District heating and cooling with distributed heat pumps”*.
- **PENTAGON:** Meritxell Vinyals (CEA), *“Multi-vector energy management platform”*; and Michael Descamps (CEA), *“Implementation of use case scenarios on an experimental facility”*.
- **OPTi:** Wolfgang Birk (Lulea University of Technology), *“OPTi Framework for increased efficiency of DHC systems”*.
- **Thermoss:** Gozde Unkaya (Exergy), *“WARMe: sizing toolbox for heating and cooling solutions”*.
- **CoolHeating:** Borna Doračić (University of Zagreb), *“CoolHeating: small renewable district heating for south-eastern Europe”*; and Marin Petrovic (Municipality of Visoko), *“The technical and business model for the modular district heating system for the town of Visoko”*.
- **SDHp2m and PlanHeat:** Inés Arias (DHC+), *“SDHp2m and Planheat: the DHC revolution begins locally”*.
- **InDeal:** Ioannis Meintanis (City University of London), *“Innovative Technology for District Heating and Cooling”*.
- **H-Disnet:** Martin Buchholz (TU Berlin), *“Thermo-Chemical Networks, demand side application demonstrators of the EU H2020 H-DisNet Project”*.

Chaired by Tatiana Loureiro (R2M), communication manager in INDIGO project.

The workshop will be an activity within the Conference [Sustainable Places 2018](#), and it will take place on June 28<sup>th</sup>, 2018, in Aix-les-Bains, France.