

H2020 STORM Project Team
Together with



Universidade do Minho

Invite You to the
Smart Thermal Grid - Workshop

STORM
DISTRICT ENERGY CONTROLLER

An innovative
DHC networks' **controller**
for enhanced **district energy efficiency**

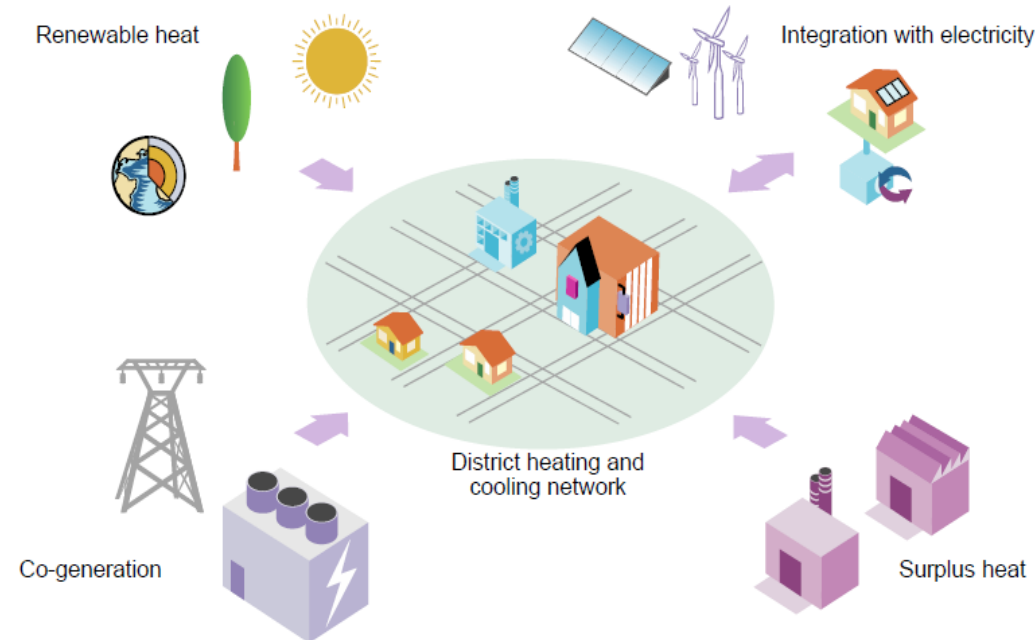
The context: 4th generation DHC

Decarbonizing our energy system by making it more efficient & integrating more renewables

4th generation DHC vs. 3rd generation

- Uncontrollable production sources with fluctuating input

—————> Need for flexible solutions



Workshop in Porto, Portugal

Invitation to the workshop - Smart Thermal grids

We are pleased to invite you to participate at the workshop –Smart Thermal grids.

- This workshop is made possible on invitation of our respected host Universidade do Minho and as part of the STORM project dissemination program in which Zuyd Hogeschool participate (<https://storm-dhc.eu>)
- Aim of this workshop is to give insight on innovative techniques that can be accomplished by making thermal grids "smart".
- Date: 4th July 2018

Workshop Program

- At the end of the workshop you will have insight on innovative techniques that can be accomplished by making thermal grids "smart".
- Between each presentations questions and answers interaction time with the public is planned.
- After the workshop you are invited to join us for a business Lunch.

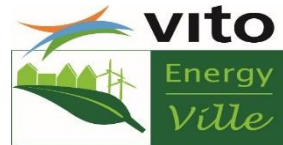
PROGRAM

9:30	Getting together, welcome Drinks & Coffee
10:00	Start Workshop Introduction to heat networks: 1st to 4th generation
10:20	Q/A time
10:30	Intelligent application of algorithms in energy networks
10:50	Q/A time
11:00	Break- Coffee break
11:15	Performance indicators
11:35	Q/A time
11:45	Mijnwater DHC case
12:05	Q/A time
12:15	Conclusions
12:30	Lunch/drinks

The Project STORM

STORM = 'Self-organising Thermal Operational Resource Management'

- Aim: Develop & demonstrate a generic intelligent DHC network controller based on self-learning optimization techniques
- Start date: 1st of March 2015, 42 months



Storm team want to thank our respected host, Universidade do Minho that has made this workshop possible.



Os mais sinceros agradecimentos à equipe da Uminho!