Programme as of 25 May 2018

The Digital Heat event is jointly organised by the EU-funded STORM and FLEXYNETS projects and will showcase the latest technology developments on digitalisation in the district energy sector and beyond.

TUESDAY, 29 MAY 2018

09:00 – 09:45 **Welcome Coffee & Registration**

09:45 – 10:00 KEYNOTE SPEECHES

- **Paul Voss** | Managing Director | Euroheat & Power
- **Svet Mihaylov** | Policy Officer | European Commission, DG Connect

10:00 – 10:45 RESULTS OF THE STORM PROJECT

Smart demand-side management systems will boost the potential of DHC networks: The STORM controller is a first-of-its-kind smart DHC network controller, running on self-learning algorithms, to increase efficiency and maximise the use of renewable energy and waste heat sources in the grid.

- **Christian Johansson** | CTO | NODA
- **Sofia Lettenbichler** | Project Officer | DHC+ Technology Platform

10:45 – 11:10 GDPR & EXPERIENCE FROM DENMARK

- **Steen Schelle Jensen** | Head of Product Management Solutions | Kamstrup

11:10– 11:30 **Coffee Break**

11:30 – 12:45 PANEL 1: SMART ENERGY MANAGEMENT SYSTEMS

Energy management systems for heating and cooling are built to solve the challenges of the grid. But are they really the "silver bullet" for DHC networks? Does more data translate to more knowledge? And how to tap into all the potential of smart energy management systems?

Moderator: Alessandro Provaggi | Head of DHC+ Technology Platform | DHC+ Technology Platform

- **Anton Koller** | Divisional President District Energy | Danfoss
- **Matteo Pozzi** | Partner & Chief Executive Officer | Optit
- **Henrik Wickström** | Project Leader Digital Services | Mälarenergi AB
- **Ebba Löfblad** | Partner & Senior Consultant | Profu

The projects have received funding under the European Union 's H2020 Programme under grant agreements n°649743 and n°649820.

12:45 – 14:00 **Lunch Break**

14:00 – 14:45 RESULTS OF THE FLEXYNETS PROJECT

The FLEXYNETS project developed a new generation of intelligent DHC networks that reduce energy transportation losses by working at "neutral" (15-20°C) temperature levels. Including reversible heat pumps in the system allows to ideally couple heating, cooling and electricity and to keep losses at a minimum.

- **Roberto Fedrizzi** | Group Leader | EURAC
- **Dirk Pietruschka** | Managing Director | Enisyst

14:45 – 15:10 DIGITAL ROADMAP FOR DISTRICT HEATING & COOLING

- **Dirk Vanhoudt** | Senior Researcher | EnergyVille/VITO

15:10 – 15:30 **Coffee Break**

15:30 – 16:45 PANEL 2: ENERGY SECTOR COUPLING

Wind and solar will be among the leading energy sources in our future energy system. However, the integration of these variable renewable energy sources puts at stake the current energy system and asks for ICT solutions offering innovative system configurations and control strategies. Let's look at how digitalisation will enhance sector coupling, what it means for the wider economy and how the policy framework can support a smooth integration.

Moderator: Ralf-Roman Schmidt | Senior Research Engineer | AIT

- **Cristian Muresan** | Head of the Engie Lab 'Future Buildings and Cities'
- **Frauke Thies** | Executive Director | smartEn
- **Rodolphe de Beaufort** | Project Director Digital | Tilia
- **Daniel Trier** | Head of Department & Project Manager | PlanEnergi

16:45 – 17:10 FINAL REMARKS

- **Karlis Goldstein** | Policy Officer, European Commission | DG Energy

17:10 **Cocktail Reception**

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