READY

SMART ENERGY CITY

[ONLINE] ADVANCED TRAINING PROGRAM FROM AARHUS, DENMARK

9 JUNE 2020

READY - **R**ESOURCE **E**FFICIENT CITIES IMPLEMENTING **AD**VANCED SMART CIT**Y** SOLUTIONS, demonstrated by the cities of Aarhus and Växjö.

READY is a Whole City Approach to show how to design for a green future with nearly Zero-Energy buildings and Smart Energy Systems. READY is demonstrated in the cities of Aarhus, Växjö and with the observer city Kaunas.

The READY project is one of the largest Green Smart City projects in Northern Europe and is co-financed by EU with 19 million EUR to realize the project. The consortium consists of internationally well-known industrial companies, energy supply companies, SME's, housing companies, universities, consultants, and other organizations. The partners have been devoted to improve Renewable Energy Solutions integration in energy supply systems and housing standards as tested and demonstrated in Aarhus and Växjö for nearly Zero-Energy buildings and Smart Energy Systems.

These measures are done to demonstrate how the demand of energy and particularly the needs for fossil fuels and release of CO_2 can be considerably reduced to nearly zero and show a sustainable way to go for other European cities.

The Smart Energy City Conference in Aarhus is a combined advanced training program and final conference for the READY project, aimed at decision makers, civil servants, public and private companies, utilities, energy suppliers, energy agencies, universities and green transition stakeholders.

Find event information, registration and changes related to Corona status for the event here.

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CITY OF AARHUS

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This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no ENER/FP7/609127/READY

Photo: READY demonstration site for near Zero-Energy Buildings and Smart Energy Systems in Trigeparken, Aarhus Denmark.

See short program description here:

- **ATP** – Is an advanced training program for the smart city solutions implemented in READY by the partners. The READY webinar pertains to themes of Smart Energy Systems and Zero-Energy Buildings and how be become a Smart Energy City.
- **READY final conference in september** – Is the final READY Conference where the project coordinator as well as test and demonstration cities along with innovation project partners will showcase highlights from READY. The participants will also get to visit the biomass fired combined heat and power plant in Lisbjerg and the READY demonstration site in Trigeparken with the nearly Zero-Energy building and Smart Energy System.

READY [online] Advanced training program

Tuesday, June 9th

Time	Ready set go
10:45 – 11:00	**Check-in and link for event open**
11:00 – 11:20	**SMART ENERGY CITY introduction** ■ **Welcome to Aarhus** Sebastian Bønding Rasmussen, READY Coordinator & Smart City Consultant, Aarhus Municipality, Denmark (5 min) ■ **Introduction to READY** Reto Michael Hummelshøj, Chief Project Manager, COWI, Denmark (15 min)
11:20 – 12:00	**Advanced training program part I** ■ **READY electric vehicles infrastructure** Mette Marie Knudsen, Senior Business Development Manager E. On, Denmark & Sweden (20 min) ■ **READY district heating and smart meters** Martin Heine Kristensen, Business Postdoc, Waste & District Heating Aarhus, Denmark (20 min)
12:00 – 12:30	**Lunch**
12:30 – 13:40	**Advanced training program part II** ■ **Next generation sea heat pump supplies Aarhus with renewable district heating** Erhardt Nielsen, Engineering Manager, Johnson Controls, Denmark (20 min.) ■ **IoT for green business models to improve DH network operations and end-user engagement** Kamstrup, Denmark & Sweden (20 min) ■ **The role of district heating in future sustainable energy communities** Nina Detlefsen, Chief Analyst, Green Energy Association, Denmark (20 min)
13:40 – 14:00	**Coffee break**
14:00 – 15:00	**Advanced training program part III** ■ **Selling a kWh three times – at district heating/cooling loop** Sofie Nielsen, Business Engineer, Växjö Energi AB, Sweden (20 min) ■ **READY Retrofitting of buildings – a holistic approach to save 50 %** Reto Hummelshøj, Chief Project Manager, COWI, Denmark Stefan Olsson, Project Manager, Energy Agency for Southeast Sweden (40 min)
15:00	**Thank you for today!**

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FEATURED SPEAKERS

Reto Micheal Hummelshøj
Chief Project Manager for Energy Efficiency & Innovation in COWI, Denmark.

Mr. Hummelshøj is leading the READY project and has a long record of successful international projects in the field of energy efficiency.

Sebastian B. Rasmussen
READY coordinator and smart city consultant in Aarhus, Denmark.

Mr. Rasmussen is working with strategic energy planning and part of the Climate and Green Transition department in Aarhus.

Mette Marie Knudsen
Senior Business Development Manager in E.On, Denmark & Sweden.

Ms. Knudsen has more than 7 years been working with eMobility. Involved in EU funded mobility/smart city projects, V2G projects, innovation projects, partnership management and strategic relationships.

Martin Heine Kristensen
Business Postdoc in Waste & District Heating Aarhus, Denmark.

Nina Detlefsen
Chief analyst in Green Energy Association, Denmark.

Stefan Olsson
Project Manager for Energy Agency for Southeast Sweden.

Sofie Nielsen
Business Engineer for Combined Heat and Power, Customer section, Växjö Energi AB, Sweden.

Erhardt Nielsen
Manager for Compressor development for Johnson Controls, Denmark.

Mr. Nielsen is an engineer and works with cooling units and heat pumps, with a special focus on steam.

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