

Joint FutureGas-CITIES-InnoSE Gas Workshop



WHAT IS THE FUTURE OF GASES IN ENERGY SUPPLY? THIS WORKSHOP WILL SET THE SCENE FOR OUTPHASING NATURAL GAS. IT WILL PROPOSE SUSTAINABLE SUBSTITUTES AND TOUCH UPON CURRENT USE OF GAS AS WELL AS THE FUTURE AVAILABILITY OF RESOURCES.

Programme

KONFERENCIER: ALLAN SCHRØDER PEDERSEN

- 09:00** Registration & Coffee
- 09:30** 3 presentations about scenarios:
- 1) Energy system scenarios for Denmark & Europe**
Anders Bavnhøj Hansen, Energinet, Research & Development
 - 2) Gas supply and demand challenges – now and in 100% renewable energy systems**
IDA's Energy Vision 2050
Brian Vad Mathiesen, Aalborg University
 - 3) The role of gas in the future energy supply of Sønderborg**
Nicolas Bernhardt, Project Zero
- 10:30** Break
- 10:45** 3 presentations about technologies:
- 1) Electrolysis for energy storage**
Mogens Mogensen, DTU Energy
 - 2) Power-to-gas**
Søren Højgaard Jensen, DTU Energy
 - 3) Gasification**
Jesper Ahrenfeldt, DTU Chemical Engineering
- 11:45** Lunch
- 12:45** 4 presentations:
- 1) FutureGas – cases for the integration of green gases in the Danish gas grid**
Tara Sabbagh and Poul Erik Morthorst, DTU Management
 - 2) The challenge of gas quality harmonization**
Jean Schweitzer, DGC
 - 3) Uncertainties and risks in planning future gas grids and storages**
Iva Ridjan Skov, Aalborg University
 - 4) Alternative approaches to the coupling of gas and electricity systems in a market environment**
Christos Ordoudis, DTU Electro
- 14.05** Break - Coffee
- 14:20** Panel-plenum discussion
- 14:55** Conclusions & wrapping up (10 min)

Time & Place

Language:

English

Date:

April 3rd 2017

Time:

09:00 – 15:00

Place:

DTU Lyngby Campus,
Building 424, Room 025

Sign up [HERE](#)

Questions:

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SMART ENERGY

