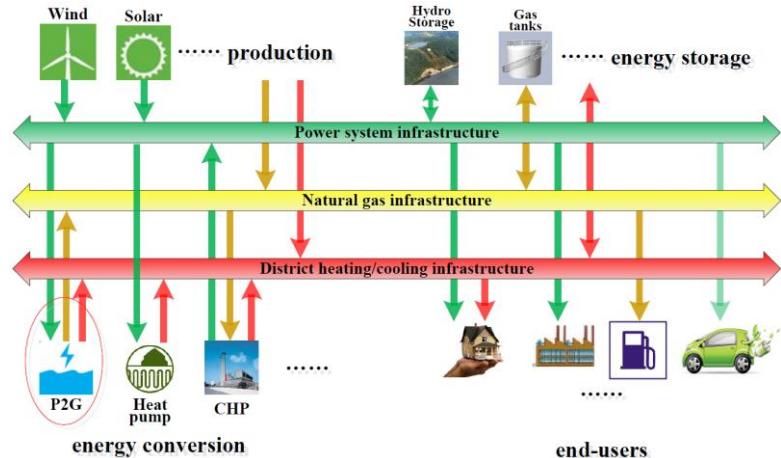




Renewable Energy Research Group-Multi Energy Systems (MES)

Core Research Areas

- Energy Systems Modelling
- Coordinated Control Strategy
- Operation of Multi Energy Systems
- Planning of Multi Energy Systems
- Management of Flexible Resources
- Analysis of Market Equilibrium
- Increase of Renewable Energy Utilization



Contact Person: Prof. Zhe Chen

Phone: (+45) 9940 9255 Email: zch@et.aau.dk

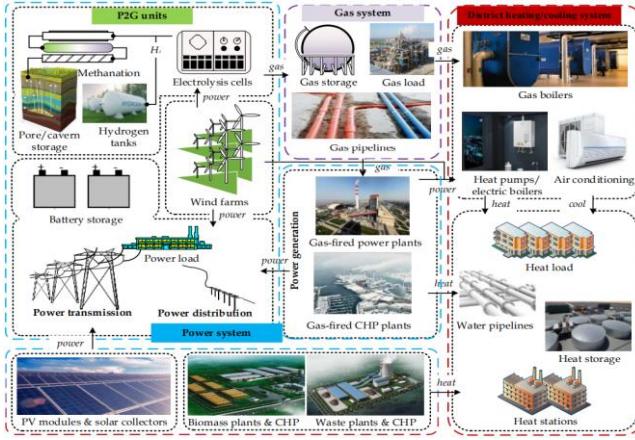
Website: <http://homes.et.aau.dk/zch>

Group website: <http://homes.et.aau.dk/zch/group.htm>

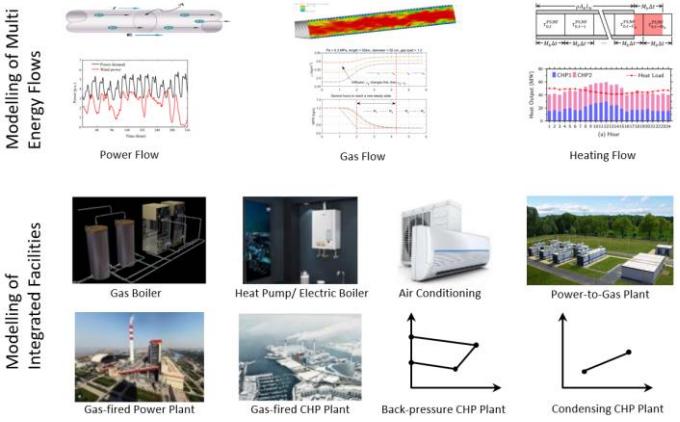
Publications: <http://homes.et.aau.dk/zch/publications.htm>

Modelling of Multi Energy Systems

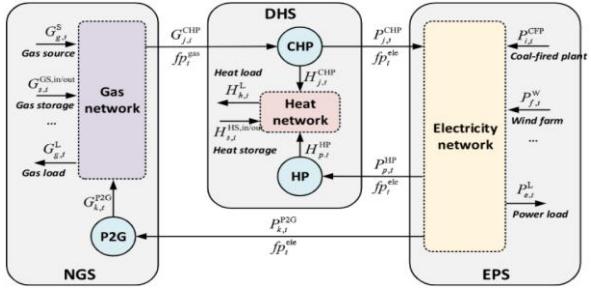
Structure Investigation of Multi Energy Systems



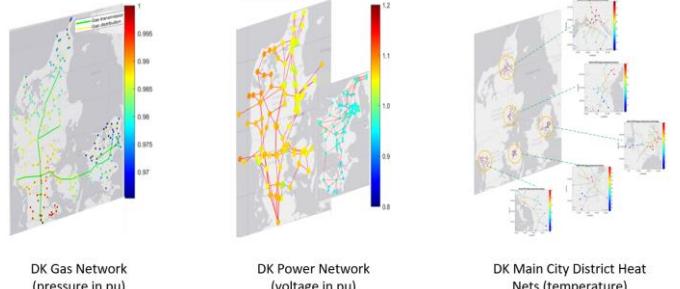
Modelling and Characterizing of Key Components



Design of Integrated Energy Market

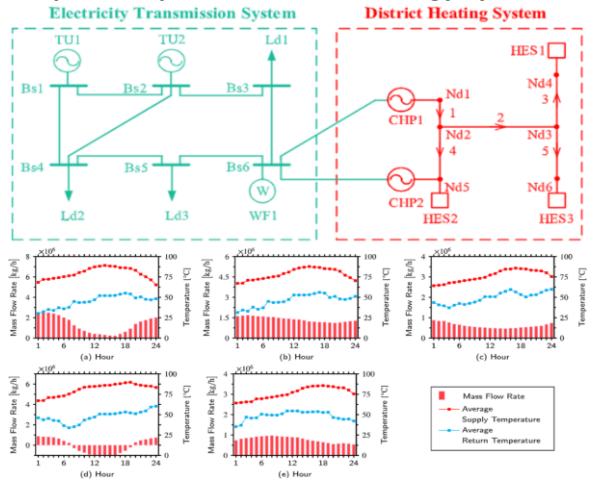


Calculation and Analysis of Multi Energy Systems

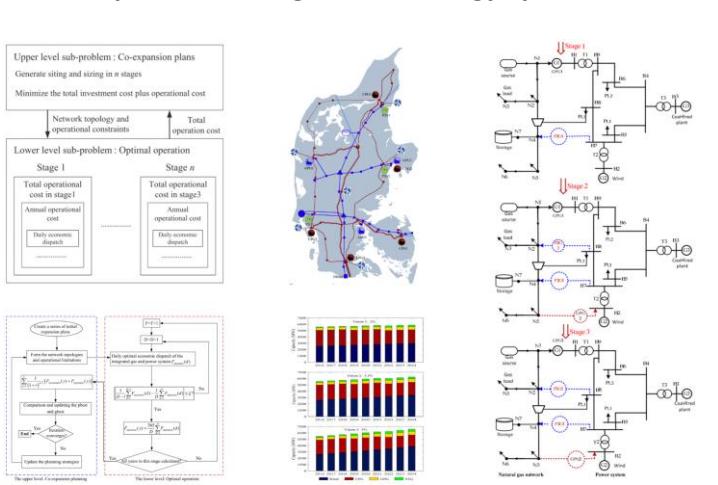


Optimization of Multi Energy Systems

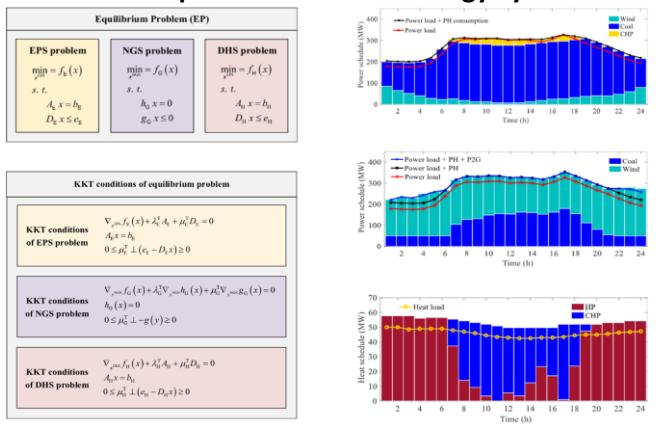
Optimal Operation of Multi Energy Systems



Optimal Planning of Multi Energy Systems



Market Equilibrium of Multi Energy Systems



Optimal Management of Flexible Resources

