

INVITATION



AALBORG UNIVERSITY
DENMARK

PHD DEFENCE

Jakob Zinck Thellufsen



THESIS

Contextual Aspects of Smart City Energy Systems Analysis

The thesis defines the concept of smart city energy systems. The thesis emphasises the need to investigate the smart city energy system and its contextual aspects.

The system integration context emphasises that increased interrelation between the different energy sectors increases the efficiency of the system. However, it also impacts the implementation of single technologies in the smart city energy system. The thesis discusses methods and tools to assess the system integration context.

Smart cities, and other concepts for urban development, often strives towards some sort of sustainability target. However, to consider a city and the smart city energy system sustainable, they cannot limit other energy systems from becoming sustainable. It is therefore necessary to investigate the geographical context. This thesis develops tools and methodologies that enables the user to investigate the geographical context of smart city energy systems.

The thesis applies the concept of smart city energy systems, the system integration context and the geographical context on several cases, to test the tools and methods and to analyse the consequences of the different contextual aspects.

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GET YOUR COPY

Please email jakobzt@plan.aau.dk to get a copy of the thesis.

ASSESSMENT COMMITTEE

Professor Henrik Madsen | Technical University Denmark

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TIME & VENUE

Wednesday, June 14th, 2017, Strandvejen 12-14, 9000 Aalborg.
Room: **A309**

PHD LECTURE

13.00 – 13.45

QUESTIONING

14.00 – 16.00

RECEPTION

16.00 – at the Lounge area at 1st floor (**Skibbrogade 5, 9000 Aalborg**)

HOST

Department of Planning, Aalborg University

REGISTRATION

Please sign up for this event no later than July 6th at 12.00 in this doodle: <https://doodle.com/poll/374pcaezyu77yque>

