



CITIES Consortium Meeting, May 2014

Summary

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CITIES

Centre for IT Intelligent Energy Systems

PDs and PhDs – will start soon

Rules to ensure collaboration between WPs and between Departments/Universities
– in an interaction with the **companies** and **smart cities projects**.

- **PostDocs rules:** Focusing on a single WP while their research management tasks will involve arrangement of workshops, seminars, summer schools, PhD supervision, etc.
- **PhD rules:** Supervisors from two departments, allocated to a primary and a secondary WP.

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Seminars, Workshops, ...

- Ensure **cross WP interaction**
- Ensure deeper discussions on specific issues
- External experts will be invited from time to time
- Often arranged together with other groups / research organizations / companies / city projects /
- Examples of upcoming workshops:
 - ***Workshop on Energy Systems Integration***
(with iiESI – main responsible Prof. Mark O'Malley, UCD/ERC)
 - ***Weather Intelligence for Renewable Urban Areas***
(with COST WIRE)
 - ***CITIES and Big Data***
(with IBM, Simcorp, Accenture,) (August 2014)
 - ***District Heating and Integration of Fluctuating Renewables***
(with 4DH, Danish District Heating Assoc) (Nov. 2014)
- See www.smart-cities-centre.org
- Suggestions for workshop on Energy planning at Energinet.dk
- Task-force on legal questions on data from Smart City projects



CITIES - Instruments

- Use the *Google setup*, Google+, LinkedIn, and Twitter
- Use the homepage www.smart-cities-centre.org
- Help us with announcement of workshops, talks, etc.
- Use of Google+, Twitter, and LinkedIn
- Two offices for CITIES:
 - DTU-Lyngby – Building 303B
 - DTU-Risø (Management)

Test Facilities



- ** Kubic (Tecnalia)
- ** Ireland
- ** PowerLab.dk (SYSLAB/Bornholm)
- ** Grundfos' test buildings
- ** Danfoss' test fac. for supermarket cooling
- ** DTU's test houses (eg Sissimiut)
- ** ESIF (NREL)
- ** Samsung Test Buildings in Seoul
- + **A number of Smart Cities projects**

Research – External Interaction

- Interaction with International partners ensured using IT-tools, Workshops and Consortium Meetings
- Interaction with EERA activities (Smart Cities, Smart Grid, Wind,)
- Interaction with relevant COST activities (eg. COST0902, COST1207, ...)
- Interaction with relevant IEA activities (Annex ..., 58, 60, 63, 66,)
- Strong interaction with Smart Cities projects (Sønderborg, Tjæreborg, Odense, Aarhus, Horsens, Copenhagen, ...)
- Synergies with new parallel activities focusing on innovation and development (EUDP, PSO, INNO+, H2020, Climate-KIC, Innovation Network, Industrial post docs, etc.)

Innovation Centre - some first ideas:

Development of ideas for business opportunities in partnership with the energy sector, business partners and decision makers.

Development of new methods for aggregation, forecasting and control for future energy systems (eg. low temp. district heating)

Development of methods related to Energy Informatics (Eg. use of Smart Meter data for identifying potentials for energy savings)

Development of products such as apps and other software tools to suit niche applications revealed through CITIES research

Key partners: Dansk Industri, Lean Energy Cluster (now: CLEAN), VE-net (TI)

