

## Agenda: Company Mission to “Smart Grids”, Stockholm the “Green Capital”

Date: 10<sup>th</sup> -12<sup>th</sup> October 2012

(Agenda may be subject to minor change; the Company Mission will be held in English)

### 1<sup>st</sup> day: 10<sup>th</sup> October 2012

5:00 pm – Welcome reception: Key note speech and introduction to the KIC InnoEnergy CC Sweden (Smart Grids)

5:30 pm – Dinner buffet

6:30 pm – Evening presentation: Stockholm Royal Seaport Project

Emilie Zetterström, PR & Communication Manager of Stockholm Royal Seaport/ Innovation

6:50 pm – 8:00 pm introduction of the KIC InnoEnergy project partners (20 min. each)

6:50 pm – Ericsson AB

7:10 pm – Fortum

7:30 pm – ABB

(7:50 pm – TBC: Vattenfall)

8:30 pm – Presentation of the German companies (5 min. pitches each) and get together

### 2<sup>nd</sup> day: 11<sup>th</sup> October 2012

9:00 am – Travel to Kista Science City

10:00- 10:45 am – Visit at Ericsson AB in Kista Science City, Ericsson Studio

Craig Donovan on Ericsson’s vision on ICT in Smart Grids development.

11:00 am – Meeting at Kista Science Tower

11:15 - 11:45 am – Presentation of Kista Science City, Kista Science Tower

Åke Lindström, Market Director at Kista Science City AB on Kista, Stockholm’s ICT-cluster

12:00 – Transfer back to KTH

1:00 pm – Lunch

2:00 pm – Introduction to KIC InnoEnergy projects: The Co-Location Sweden presents the current projects within KIC InnoEnergy (15 min. each)

#### KIC-Project 1: “**Smart Grids from power producers to consumers (SMART POWER)**”

Solving distribution challenges of power transmission systems from power producers to consumers (resulting e.g. from variable energy sources or transmission distance).

#### KIC-Project 2: “**Controllable and Intelligent Power Components (CIPOWER)**”

Developing smart power components with advanced control and monitoring (e.g. components with increased robustness, safety, and reliability to enhance the provided energy quality and to reduce losses).

KIC-Project 3: “**Electric Energy storage**”

Developing new components, new control strategies and solutions for the storage of small, medium and large scale that can be integrated into existing and future power grids.

KIC-Project 4: “**Smart grids materials technology (Smart grids)**”

Facilitating the development of new materials or processes for Smart Grids, including also progress in other research areas such as nanocomposite insulation materials, cellulose-based insulation materials or thin film contacts.

KIC-Project 5: “**ICT solutions for active distribution networks and customer interaction (INSTINCT)**”

Optimal design of ICT systems that enable control of active distribution systems with retained or increased levels of reliability as well as enabling user- empowerment.

3:15 pm – Q&A on project presentations

3:30 pm – (TBC: visit of the smart energy lab of KTH)

4:15 pm – Round table discussions: (coffee available)

Round table 1 – **ICT solutions & Smart Power**

Topic: *Communication systems, platforms and information models that enable control and automation of distribution grids with high levels of renewable energy sources that also facilitate models for customer involvement.*

Round table 2 – **Electric energy storage**

Topic: *Discussing new components, new control strategies and solutions for the energy storage in existing and future power grids.*

Round table 3 – **Smart materials**

Topic: *New materials and innovative processes to facilitate the Smart Grids development.*

Round table 4 – **Smart components/devices**

Topic: *Discussion of innovative design models or new features for power components used in the power supply, transmission and distribution of electrical energy.*

Round table 5 – **Business Creation Services of the Co-Location Sweden**

*Networking opportunity with Swedish Start-Ups from the Smart Grids and renewable energy sector.*

- 5 topic related tables with open discussion in parallel sessions (max. 60 min each);
- Representatives from Swedish companies from different departments (R&D, Sales, TechnologyTransfer & SME-collaboration, or other relevant) are present;
- German and Swedish companies present their RTD projects or core competence to companies at the table;
- Companies may change table after each session

5:45 - 6.15 pm – Summary of outcome from Round tables

7:30 pm – Dinner and Get together

**3<sup>rd</sup> day: 12<sup>th</sup> October 2012**

8:30 am – Travel to Hammarby Sjöstad

9:30 am – Visit of Hammarby Sjöstad, GlashusEtt, Stockholm

Erik Freudenthal, Head of Communications in GlashusEtt presents Hammarby Sjöstad, Stockholm's biggest urban development project for years. Hammarby Sjöstad serves as a green model for sustainable housing and green infrastructure.

10:15 - 10:30 am Q&A

10:30 am – Coffee break

11:00 am – (TBC: Introduction to Hammarby Sjöstad 2020, a new project on Smart Grid development at Hammarby Sjöstad)

11:45- 12:00 pm Q&A

12:00 -12:30 Final discussion

12:30 pm – lunch and departure