



Track 1: Smart Cities – Session 1b (11.30 - 13.00h)

How do we ensure the supply of energy while protecting the environment?

Urban energy demand remains high. Efficient use of energy through sector coupling and smart grids can make a contribution to save energy. Autonomous charging solutions for electric vehicles and terminal devices or new battery solutions and reprocessing must be resource and environmental friendly.

Moderation:

Dr. Felix Kaup

11:30 – 11:45

Best Practice Examples on Resource and Energy Efficiency from the Hessen Funding Program PIUS

Dr. Felix Kaup, Director Industrial Technologies, HTAI

11:45 – 11:55

Umicore’s contribution to the Global Battery Alliance for a sustainable Development

Andreas Brumby, Head of Umicore Technical Academy, Umicore

11:55 – 12:05

Fuel Cells and their applications in the automotive, stationary, rail and maritime markets

Manfred Limbrunner, Director Sales and Marketing, Proton Motor Fuel Cell GmbH

12:05 – 12:15

The OLI Approach - Towards a Digital and Distributed Smart City Infrastructure

Dr. Thomas Brenner, CTO, OLI Systems GmbH

12:15 – 12:25

Disassembly and Recycling of core components of e-mobility

Dr. Jörg Zimmermann, Head of ZDR-EMIL®, Fraunhofer IWKS

12:25 – 12:40

Start-up Pitch(es) Israel: Adasky, Qsee

12:40 – 13:00

Q & A – joint discussion with participants