

SECTOR COUPLING FOR SMARTER CITIES

URBAN ENERGY
FORUM 2018

THE PROGRAM
19 April, 9 am - 5 pm



TITANIC Gendarmenmarkt Berlin
Französische Straße 30, 10117 Berlin



www.urbanenergyforum.com



#UEFBerlin



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09:00 AM	Registration and welcome coffee
09:30 AM	Welcome addresses
09:30 AM	David Wortmann, Managing Director Berlin-Brandenburg Energy Network e.V.
09:45 AM	Christian Rickerts, Permanent Secretary at the Senate Department for Economics, Energy and Public Enterprises
10:00 AM	Session I: Is the physical and digital infrastructure prepared for a sector-coupled energy system? - Framework conditions, challenges and solutions <i>Moderator: Dr. Dirk Asendorpf, freelance journalist i.a. Die Zeit and ARD radio stations</i>
10:00 AM	Preparing Berlin's distribution grids for an all-electric mobility system <i>Thomas Schäfer, CEO, Stromnetz Berlin GmbH</i>
10:15 AM	Thinking gas and electricity network together – do we need both systems for fully integrated energy system? <i>Thomas Young Hwan Westring Jensen, International Policy Advisor, Energinet.dk</i>
10:30 AM	How the development of smart grids is facilitating sector coupling <i>Professor Dr. Xianzhang Lei, Managing Director, State Grid Global Energy Interconnection Research Institute (GEIRI) Europe</i>
10:45 AM	(Un)certainity in low-carbon transition pathways for transport <i>Alexander Wanitschke, Reiner Lemoine Institute (RLI)</i>
11:00 AM	Panel discussion: All-electric society vs. P2X – What is the more promising concept behind sector coupling?
11:45 AM	Lunch break & networking
01:00 PM	Session II – Innovative sector coupling solutions – Software and hardware accelerating the urban energy transition <i>Moderator: Jonathan Gifford, Editor in Chief pv magazine</i>
01:00 PM	How intelligent local energy systems facilitate the integration of sectors <i>Ute Redecker, Head of Digital Grid, Siemens Germany</i>
01:10 PM	Bottom-up solutions putting citizens at the center of the urban energy transition <i>Christina Beestermöller, Deputy Head of Business Development, Alliander AG</i>
01:20 PM	Digitization of Districts – Methods and Architecture <i>Mathias Renner, Project Solution Manager, Inno2grid GmbH</i>
01:30 PM	Unleashing major CO2 abatement potentials by integration of energy efficient heat pumps in urban districts <i>Florian Henle, Managing Director, Polarstern GmbH</i>

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01:40 PM	Integrating sectors via power-to-gas - opportunities and barriers to green gas solutions <i>Dr. Markus Forstmeier, VP Business Development, Electrochaea GmbH</i>
01:50 PM	Renewable gases as key element for a secure system based on 100 renewables <i>Erich Pick, Head of Energy Systems and Technological Development, Greenpeace Energy GmbH</i>
02:00 PM	Smart charging infrastructure for a system –compatible integration of electric vehicles <i>Sebastian Bachmann, CEO, chargeIT mobility GmbH</i>
02:10 PM	Peer-to-peer energy trading using blockchain technology <i>Lara Zeidler & Meagan Cojocar, Power Ledger Pty Ltd, Perth, Australia</i>
02:20 PM	Q&A Session
02:30 PM	Coffee break & networking
03:00 PM	Session III: Taking the energy transition to the city - Best practice-examples for different sector coupling pathways in an urban setting <i>Moderator: Dr. Dirk Asendorpf, freelance journalist i.a. Die Zeit and ARD radio stations</i>
03:00 PM	Intelligent and integrated transportation infrastructure for zero-carbon emission communities <i>Preben Birr-Pedersen, Cluster Manager, House of Energy Aalborg</i>
03:15 PM	Development potentials for Smart & Renewables solutions in Russian cities <i>George Kekelidze, Chairman Board EUROSOLAR Russia & Linar Yakupov, General Director IFC LINOVA</i>
03:30 PM	Case studies of intelligent district concepts supporting system integration of intermittent RES (Modellregion Berlin / Quartier Prenzlauer Berg) <i>Markus Graebig, Project Coordinator, WindNODE</i>
03:45 PM	Power-to-Heat as key driver for Berlin's transition in the heating sector <i>Oliver Weinmann, Managing Director, Vattenfall Europe Innovation GmbH</i>
04:00 PM	Panel discussion: From lab stage to mature sustainable energy systems –How can we scale up urban energy innovation to fully decarbonize energy supply?
04:45 PM	Wrap up & Close
04:45 PM	Christoph Urbschat, Member of the Executive Committee, Berlin-Brandenburg Energy Network

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10117 Berlin, Germany

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