

Renewing the EU electricity grid: the Best Paths towards energy transition

20 September 2018 - 9.00-17.00

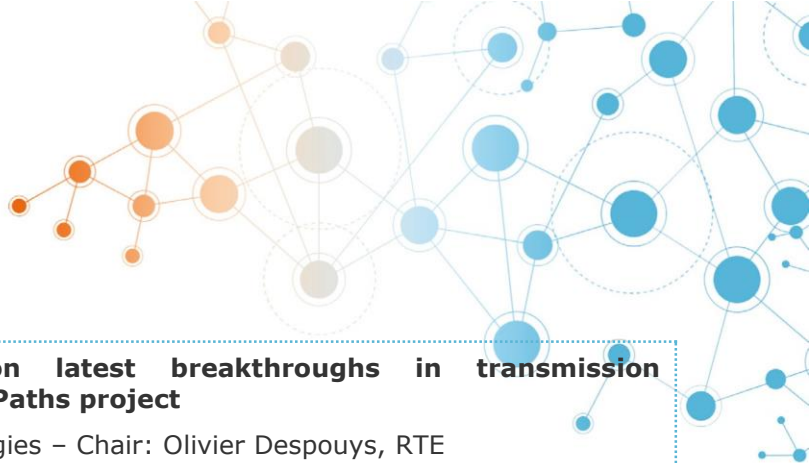
Thon Hotel Bristol Stephanie
Avenue Louise 91-93, Brussels

Renewable energies accounted for almost 30% of the electricity consumption in Europe in 2016. By 2030 this share should reach at least 54% for the European Union to be able to meet its 2030 energy targets, according to a JCR report. How can we ensure that energy coming from remote areas and intermittent sources reaches European consumers through a high performing transmission grid?

“Renewing the EU electricity grid: the Best Paths towards energy transition is the chance for energy professionals, policy makers, and researchers to discuss how to attain interconnected, efficient and optimised **electricity grids, suitable for the integration of more renewables**. During the day we will also take a look at investment opportunities and policy options to make the energy transition happen.

Top experts from the energy sector will also introduce the **breakthroughs in transmission technologies** developed during the last four years within [Best Paths](#), the largest energy research project funded by the European Commission in the last decade.

Time	DRAFT AGENDA
9.00–9.30	Registration and coffee
9.30–12.30	Innovation & investments in transmission grids Chair: Antonio Iliceto, Best Paths Consortium Chairman, Terna Rete Italia
9.30 - 9.45	Welcome speech Chris Peteers, CEO, ELIA
9.45 - 10.05	Future EU research programme Horizon Europe. What is in for transmission grids? <ul style="list-style-type: none"> ▪ Michela Marasco, Policy Officer, DG Energy, European Commission
10.05 - 10.25	Investment & funding opportunities for energy infrastructure <ul style="list-style-type: none"> ▪ Guillaume Gillet, EU Business Unit Manager, KIC Innoenergy
10.25 - 10.45	Presentation of the Best Paths project Vicente Gonzalez, Best Paths Coordinator, Red Electrica de España
10.45 - 11.05	Complementarities and synergies with current H2020 projects in transmission grids: PROMOTioN and MIGRATE <ul style="list-style-type: none"> ▪ Andreas Wagner, PROMOTioN project, German Offshore Wind Energy Foundation ▪ Hannes Munzel, MIGRATE project, Tennet
11.05 - 11.25	Coffee break & poster session



11.25 - 12.30	<p>Parallel workshops on latest breakthroughs in transmission technologies from Best Paths project</p> <ul style="list-style-type: none"> ▪ Converter technologies – Chair: Olivier Despouys, RTE ▪ Cable technologies – Chair: Christian-Eric Bruzek, Nexans ▪ Overhead lines – Chair: Matthias Müller-Mienack, 50Hertz <p><i>Please register to only one workshop</i></p>
12.30–14.00	Networking lunch & Poster session
14.00–16.30	European policy framework for the energy transition and the needs of transmission grids
14.00 - 14.20	<p>Setting the scene: Outlook of the future energy grid</p> <ul style="list-style-type: none"> ▪ Aurelie Faure, Research Fellow, CEPS Energy and Climate Change
14.20 - 14.40	<p>The impact of the Clean Energy Package on electricity grids</p> <ul style="list-style-type: none"> ▪ Paula Abreu Marques, Head of the 'Renewables' Unit, DG Energy
14.40 - 15.00	<p>Project recommendations from Best Paths</p> <p>Antonio Iliceto, Best Paths Consortium Chairman, Terna Rete Italia</p>
15.00 - 16.00	<p>Panel discussion: How to have a suitable energy grid to integrate more renewables? Tackling social, environmental, technological and economic barriers</p> <ul style="list-style-type: none"> ▪ Alberto Pototschnig, Director, Agency for the Cooperation of Energy Regulators ▪ Ermenegilda Boccabella, Senior Policy Advisor, Energy Technologies Europe ▪ Ivan Pineda, Director of Public Affairs, Wind Europe ▪ Norela Constantinescu, Head of Innovation, ENTSOE ▪ Pierre Bernard, CEO, Friends of Supergrid <p>Moderator: <i>Luciano Martini, Director of the Research on the Energy System (RSE) and Coordinator of the European Energy Research Alliance Smart Grids Joint Programme</i></p>
16.00 - 16.15	Q&A
16.15 - 16.30	<p>Conclusions from Best Paths</p> <p>José Carlos Fernández, Head of Innovation, Red Electrica de España</p>
16.30 – 17.00	Networking Coffee & Poster session

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