



Innovating grid technologies for sustainable energy

22 November 2017 – 8h30-15h00

Hotel Petit Palace President Castellana – Calle Marqués de Villamagna 4, MADRID

Major development of the European grid infrastructure is critical not only to bringing **renewable-generated electricity** from far away generation sites to consumers, but also maintaining **secure and sustainable power system**.

With nearly 40 leading organisations from research, industry, utilities, and transmission system operators, the EU-funded **Best Paths project** aims to develop novel network technologies to increase pan-European transmission network capacity and electricity system flexibility. The project seeks to validate the technical feasibility, costs, impacts and benefits of the tested grid technologies through **five large-scale demonstrations**.

Join Best Paths' experts in Madrid, Spain on 22nd November 2017 for the workshop **"Best Paths: Innovating grid technologies for sustainable energy"** to share experiences and learn more about the latest developments in the state-of-the-art technologies for electricity grids.

Industry professionals, policy stakeholders, renewables sector actors, and citizens can engage in dialogue on innovative technologies that will allow to anticipate the future transmission network needs in line with the long term decarbonisation goals set at European level.

To learn more visit the project's website at www.bestpaths-project.eu.

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DRAFT AGENDA

Time	
8h00 – 8h30	Registration and coffee
8h30 – 8h40	Welcome speeches Ramón Granadino Goenechea, Director of Engineering & Design, Red Eléctrica de España Cristina Heredero, Head of Technology & Sustainability, Iberdrola Renovables
8h40 – 8h50	Introduction to the Best Paths project Vicente Gonzalez Lopez, Project Coordinator, Red Eléctrica de España
8h50 – 11h30	Presentation of the mid-term results
8h50 – 9h20	Demo 1: Multiterminal HVDC links in offshore windfarms Max Parker, University of Strathclyde/ Salvatore D'Arco, SINTEF
9h20 – 9h50	Demo 2: Multivendor interoperability Christian Wikström, ABB/ Pierre Rault, RTE
9h50 – 10h00	Coffee break/poster session
10h00 – 10h30	Demo 3: Upgrading of multiterminal HVDC interconnectors Massimo Marzinotto, Terna
10h30 – 11h00	Demo 4: Innovative repowering of AC corridors Matthias Müller-Mienack, GridLab on behalf of 50Hertz
11h00 – 11h30	Demo 5: DC superconducting links Christian-eric Bruzek, Nexans
11h30 – 11h40	Coffee break/poster session
11h40 – 12h00	External speaker: Luis Eduardo Ruiz Lopez De Torreayllon, Vice General Director, Directorate-General of Energy and Mining Policy, MINETAD Open innovation in regulated business
12h00 – 13h00	Panel discussion with external speakers "How to promote open innovation in the European electricity grid?" <ul style="list-style-type: none"> Kamran Sharifabadi, Leading Advisor Power Transmission Tech. Statoil Miguel Arribas, Co-owner Relogable S.L. Konstantin Staschus, Chairman ETIP SNET Bo Normark, Chairman ISGAN Ann6, InnoEnergy Luis Eduardo Ruiz Lopez De Torreayllon, Vice General Director, Directorate-General of Energy and Mining Policy, MINETAD <p>Moderator: Pierre Bernard, CEO Friends of the Supergrid</p>
	Q&A from the audience
13h00 – 13h15	Wrap-up Eduardo García Sánchez, Head of Innovation Dpt., Red Eléctrica de España
13h15 – 15h00	Lunch
08h30 – 15h00	Poster session