



PRESS RELEASE

EU project PROMOTioN launches new website

Arnhem, Berlin, 23 June 2016. The EU project PROMOTioN launched today a new website – www.promotion-offshore.net.

“We want to strengthen the public visibility of the project and highlight the advantages of meshed HVDC offshore grids in Europe”, said Paul Raats, from project coordinator DNV GL. “A simple and well-structured website allows good access to the core themes, tasks and events of the project”, said Andreas Wagner, Managing director of German Offshore Wind Energy Foundation. The Foundation is responsible for the public relation activities of the PROMOTioN project and has developed the website and the corporate identity.

Along with the website comes a project newsletter which informs biannually about current news from the project. The newsletter provides also information about the international offshore wind industry and gives an overview about upcoming events. A series of stakeholder workshops and events will be organised during the project phase to discuss the various technological and regulatory approaches. The first public event will be held in Brussels on 29 June and will bring together industry experts, academia and policy makers to discuss opportunities and benefits of a meshed offshore grid for Europe.

During project execution from January 2016 until December 2019, PROMOTioN aims to investigate the benefits of meshed offshore transmission grids to the European electricity market. The goal is to develop and demonstrate three key technologies: diode rectifier offshore converters, multi-vendor HVDC (high-voltage direct current) grid protection system, and the full power testing of HVDC circuit breakers.

Furthermore, proposals for a regulatory and financial framework will be developed that support coordinated planning, construction and operation of integrated offshore infrastructures, including an offshore grid deployment plan (roadmap) for the future offshore grid system in Europe. Currently, the high cost of converter technology, a lack of experience with protection systems and fault clearance components hamper the deployment of meshed HVDC offshore grids. In addition the deployment is hindered by limitations inherent to existing European regulations for the purpose of developing cross

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PROMOTioN – Progress on Meshed HVDC Offshore Transmission Networks

border offshore infrastructures, national legal and regulatory barriers and financing issues.

PROMOTiON is presently the biggest energy project in the EU's Horizon 2020 Research Program. The project consortium which is coordinated by DNV GL includes 34 partners from 11 countries - all major HVDC manufacturers, TSO's linked to the North Sea, several wind turbine suppliers, offshore wind developers, leading academics, industry organisations and consulting companies.



List of Participants

SHORT NAME	LEGAL NAME	COUNTRY
DNV GL	Kema Nederland BV	Netherlands
ABB	ABB AB	Sweden
KU Leuven	KU Leuven	Belgium
KTH	KTH Royal Institute of Technology	Sweden
EirGrid	EirGrid plc	Ireland
SIGI	SuperGrid Institute	France
DWGW	Deutsche WindGuard GmbH	Germany
MEU	Mitsubishi Electric Europe B.V.	Netherlands
Svk	Affärsverket Svenska kraftnät	Sweden
GE	Alstom Grid UK Ltd (Trading as GE Grid Solutions)	United Kingdom
UniAbdn	University of Aberdeen	United Kingdom
RTE	Réseau de Transport d'Électricité	France
TU Delft	Technische Universiteit Delft	Netherlands
Statoil	Statoil ASA	Norway
TenneT	TenneT TSO B.V.	Netherlands
SOW	Stiftung OFFSHORE-WINDENERGIE	Germany
Siemens	Siemens AG	Germany
DTU	Danmarks Tekniske Universitet	Denmark
RWTH Aachen	Rheinisch-Westfälische Technische Hochschule Aachen	Germany
UPV	Universitat Politècnica de València	Spain
FGH	Forschungsgemeinschaft für. Elektrische Anlagen und Stromwirtschaft e.V.	Germany
Dong Energy	Dong Energy Wind Power A/S	Denmark
Carbon Trust	The Carbon Trust	United Kingdom
Tractebel	Tractebel Engineering S.A.	Belgium
EUI	European University Institute	Italy
Iberdrola	Iberdrola Renovables Energía, S.A.	Spain
T&D Europe	European Association of the Electricity Transmission & Distribution Equipment and Services Industry	Belgium
USTRAT	University of Strathclyde	United Kingdom
Adwen	ADWEN Offshore, S.L.	Spain
Prysmian	Prysmian	Italy
RUG	Rijksuniversiteit Groningen	Netherlands
MVOW	MHI Vestas Offshore Wind AS	Denmark
Energinet	Energinet.dk	Denmark
SHE Transmission	Scottish Hydro Electric Transmission plc	United Kingdom



PROMOTioN

PROGRESS ON MESHED HVDC
OFFSHORE TRANSMISSION
NETWORKS



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