



The European Association of the Electricity Transmission
and Distribution Equipment and Services Industry

PROMOTioN Mid-Term Conference - 6th of June 2018, Amsterdam,

SHAPING A MESHED HVDC OFFSHORE GRID FOR THE NORTHERN SEAS

Diederik Peereboom
Secretary General

Benefits

A unique opportunity to investigate a first-of-its-kind innovation for the future of connecting bulk renewable generation to the main grid

The technology allows for also connecting large consumers like gas-production fields to the meshed HVDC grid, thus can help to reduce CO2 emission and air pollution.

It allows technology providers to demonstrate the available technology and share its system knowledge with partners.

Challenges

A multi-vendor approach needs careful analysis of different characteristics to achieve system stability.

Is the current regulatory framework fit for the roll out of meshed HVDC grids?

T&D industry

Joint network planning and system analysis by technology providers and operators

Awareness raising among EU policy makers