



## PRESS RELEASE

# SCiBreak officially announced as new PROMOTioN project partner

**Arnhem/Berlin, 21 September 2017.** On 11.09.2017, SCiBreak became the 35<sup>th</sup> project partner of the PROMOTioN consortium. SCiBreak is a Swedish company founded in 2014 to commercialise new technology for interrupting electric current.

The aim of PROMOTioN is to develop and demonstrate three key technologies which are Diode Rectifier offshore converters, an HVDC (High-voltage direct current) grid protection system and existing HVDC circuit breaker prototypes. Furthermore a regulatory and financial framework will be developed, including an offshore grid deployment plan for the future offshore grid system in Europe.

As developer of HVDC technology equipment, SCiBreak will contribute to the objectives of PROMOTioN in many ways. Its HVDC breaker technology differs from what the other manufacturers in the project develop, whereby the technology base in the project will be widened. In this way the issue of interoperability of equipment originating from different vendors in an HVDC grid will be better addressed.

SCiBreak intends to take part in the efforts towards standardization in the field of HVDC breakers within the project, together with the other project partners. By introducing its breaker technology to the project, it will add a further perspective to this work.

SCiBreak will also support the work towards creating mathematical models of HVDC breakers on different levels of abstraction, so that their interaction with the overall system can be studied by simulation. Furthermore, SCiBreak will contribute to the development of practices and standards for testing of HVDC breakers. In particular, a prototype of their breaker technology will be made available for testing at DNV GL's facilities. The results from the testing will further contribute to the modelling and simulation efforts in the project. Finally, SCiBreak will contribute to a techno-economic analysis of HVDC equipment that will serve as one input to the deployment plan for a European offshore HVDC grid that PROMOTioN will provide.





The PROMOTioN project consortium warmly welcomes SCiBreak as the latest project partner and looks forward to a successful collaboration for the rest of the project duration and beyond.

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 35 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.

