

**PRESS RELEASE**

**SUCCESSFUL COMMISSIONING OF SYLWIN1 HVDC GRID CONNECTION**

**CONTRACT WAS AWARDED TO PRYSMIAN GROUP BY THE DUTCH-GERMAN GRID OPERATOR TENNET**

**WITH 864 MW POWER RATING AND  $\pm$  320 kV VOLTAGE, SYLWIN1 SETS A MILESTONE IN HVDC OFFSHORE GRID CONNECTIONS**

Milan, 27 April 2015. Prysmian Group, world leader in the energy and telecom cable systems industry, announces the successful commissioning of the High Voltage Direct Current (HVDC) offshore grid connection project SylWin1 realised off the North Sea coast of Germany in a contract with the Dutch-German transmission system operator TenneT.

Prysmian secured this project in January 2011 as part of overall contracts awarded to consortia between the Group and Siemens Energy for the grid connection of offshore wind farms to the mainland.

SylWin1 now links the offshore wind parks DanTysk and Butendiek, followed by Sandbank, located about 160 km offshore, to the mainland Germany passing to the east of Helgoland and continuing along a 45 km land route to the land converter station in Büttel, north-west of Hamburg and is now ready to start commercial operations.

The project marks a series of significant milestones, being the highest ever rated system for VSC technology, with a power rating of 864 MW, operating at the highest commercially available voltage level of  $\pm$  320 kV DC and employing an extruded cable connection along a total route of approximately 205 km (160 km offshore and 45 km onshore).

SylWin1 uses extruded HVDC cable technology from Prysmian together with Siemens HVDC Plus<sup>®</sup> converter technology at the offshore platform and onshore stations. Prysmian Group has also installed the 155 kV HVAC submarine cables which connect the converter platforms to the respective individual offshore wind farm transformer platforms.

The completion and hand-over of this important project re-affirms the Group's continued successful relationship with TenneT who have awarded Prysmian the submarine and land cable systems for a total of six HVDC grid connection projects in recent years. SylWin1 is the third grid connection to be handed over this year following the BorWin2 and HelWin1 projects commissioned in late January and early February, respectively; another DC offshore grid connection, HelWin2, is also near completion. Prysmian is currently implementing also the HVDC cable systems for the DolWin3 and BorWin3 projects.

Over the last years the Group has continued to develop a wide range of state-of-the-art products and technologies for the renewable energies sector. These latest achievements underline the Group's pre-eminent role in the development of HVDC cable transmission systems and its leading position in the commercial application of HVDC cable technology.

**Prysmian Group**

Prysmian Group is world leader in the energy and telecom cables and systems industry. With more than 130 years of experience, sales of nearly €7 billion in 2014, some 19,000 employees across 50 countries and 89 plants, the Group is strongly positioned in high-tech markets and offers the widest possible range of products, services, technologies and know-how. It operates in the businesses of underground and submarine cables and systems for power transmission and distribution, of special cables for applications in many different industries and of medium and low voltage cables for the construction and infrastructure sectors. For the telecommunications industry, the Group manufactures cables and accessories for voice, video and data transmission, offering a comprehensive range of optical fibres, optical and copper cables and connectivity systems. Prysmian is a public company, listed on the Italian Stock Exchange in the FTSE MIB index.

**Media Relations**

Lorenzo Caruso  
Corporate and Business Communications Director  
Ph. 0039 02 6449.1  
lorenzo.caruso@prysmiangroup.com

**Investor Relations**

Cristina Bifulco  
Investor Relations Director  
Ph. 0039 02 6449.1  
mariacristina.bifulco@prysmiangroup.com