

The quality of optical fibre and level of innovation used in its cables allow the Group to meet the most difficult and ambitious challenges, like deployment of the underwater FlexTube® cable boasting the densest fibre count ever (1,728), installed in 2017 to boost broadband connections in Hong Kong, marking a true world first in broadband telecommunication network technology.

The Group has also been selected to support the development of a new broadband network in Singapore, and in Australia it is helping the local government achieve the goal of creating an ultra broadband network that will connect 93% of the country's residential and commercial buildings. In the United States Prysmian will partner the telecom carrier Verizon Communications in its "Onefiber" project which, with 17 million kilometres of ribbon and loose tube cables, will foster an IoT digital transformation through the deployment of 5G services.

Operating segments

The **Energy Projects Operating Segment** encompasses the high-tech and high value-added High Voltage underground and Submarine businesses focused on projects and their execution, as well as on product customisation:

- Prysmian engineers, manufactures and installs high and extra high voltage cables for *underground and submarine power transmission* directly from power stations to primary distribution networks. Through Prysmian PowerLink S.r.l., the Group develops pioneering "turnkey" submarine cable systems for installation at depths of up to 2,000 metres, assisted by its cable-laying fleet boasting the "Giulio Verne", one of the largest and most high-tech such vessels in the world, the "Cable Enterprise" and the "Ulisse". Prysmian also offers cutting-edge solutions, ranging from project management to cable installation, for submarine cables between offshore wind farms and the mainland, used for both generation and distribution. The Group's technological solutions for this business cover wind turbine, inter-array and export cables.

The **Energy Products Operating Segment** encompasses the businesses offering a complete and innovative product portfolio designed to meet the many diverse demands of the market: Energy & Infrastructure (including Power Distribution and Trade & Installers) and Industrial & Network Components (comprising Specialties & OEM, Elevators, Automotive and Network Components).

- In the field of power transmission and distribution, the Group manufactures medium voltage cables and systems to connect industrial and residential buildings to primary distribution grids and low voltage ones for power distribution and the wiring of buildings. Prysmian solutions are designed to support utilities and grid operators, industrial concerns, installers and wholesalers in the electric power industry. In particular, its products for the Trade & Installers market include cables and systems for distributors and installers used to wire buildings and distribute power to or within commercial and residential structures. Fire-resistant and low smoke halogen-free cables complete one of the widest and most comprehensive product ranges in the world.
- The Group's offer of integrated cabling solutions for the Industrial market constitutes the most comprehensive and technologically advanced response to the needs of a wide variety of industries.