

PRESS RELEASE**PRYSMIAN LAUNCHES ECOSLIM™, THE FIBRE-OPTIC SYSTEM WITH UP TO 90% RECYCLED PLASTIC AND RECORD REDUCED DIAMETER****THE INNOVATIVE SOLUTION ALLOWS MAJOR SAVINGS IN THE USE OF RAW MATERIALS AND REDUCED CAPEX**

Milan, 25 May, 2023 - Prysmian Group, world leader in the energy and telecom cable systems industry, announces its global launch of the sustainable telecommunication system Ecoslim™, using Sirocco HD and Sirocco Extreme (XT) optical cables which are available with up to 864 optical fibres. Sirocco HD cables are made with 50% less plastics and up to 25% smaller in diameter, in line with the Group's commitment to increase the amount of recycled material in their products. The Group is showcasing the solution at the ANGA COM Conference 2023 taking place in Cologne from May 23 to 25 (Koelnmesse Congress Center, Hall 8, booth D60).

Limited space for installation and its upscaling volumes and need for higher performance with less impact on environment are a few of today's FTTx construction challenges. Therefore, Prysmian Group is focusing on development of solutions which are more efficient yet with lower environmental impact. Ecoslim™ uses the new generation of Easenet microducts which are up to 90% made of reclaimed HDPE, resulting in up to 50% less usage of virgin plastics compared to the conventional duct solutions. In specific cases that have already been deployed in the Netherlands, 14/10mm ducts have been replaced with smaller diameter 10/7mm ducts for the installation of Sirocco HD and Sirocco Extreme cables with up to 192 optical fibres, enabling longer lengths of both cable and ducts to be stored on a drum, resulting in up to 60% drum quantity reduction, therefore also reducing number of truckloads and warehouse space by 60%.

All these improvements, comparing with traditional diameter micro ducts of 14/10 mm with a larger fibre cable used, make Ecoslim™ an undisputable champion in reduction of the CO₂ emissions. Moreover, Environmental Product Declaration (EPD) is also available for an independent comparison with conventional networks, proving up to 50% CO₂ reduction along the value chain and making Ecoslim™ one of the first optical network components with EPDs.

"Network owners move towards shifting the task for greener networks to suppliers and installers, and Prysmian Group is ready to answer this challenge with Ecoslim™", states Philippe Vanhille, Executive Vice President Telecom Division at Prysmian Group, "The solution shows stronger performance and efficiency, and with record fibre density of Sirocco HD or Sirocco Extreme cables allows network owners and providers to transmit even more data through the available duct infrastructure."

Ecoslim™ also shows efficiency improvement in trench and cable installation. Reduced diameters of the Ecoslim™ system allow micro trenching and avoid wide trenches usually required for high volume of ducts, which is beneficial especially in overcrowded areas, resulting in less civil works and reduction of spoil by 50%.

Since 2020 when the first pilot with the Dutch operator KPN proved to be successful, together with Open Dutch Fiber (ODF) more than 300.000 houses have been connected. Growing interest in the Scandinavian countries is evident, too, showing the world's ever-increasing demand for sustainable information provided by innovative solutions.

Prysmian Group

Prysmian Group is world leader in the energy and telecom cable systems industry. With almost 150 years of experience, sales of over €16 billion, about 30,000 employees in over 50 countries and 108 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.

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