

PRESS RELEASE

PRYSMIAN CREATES THE WORLD'S FIRST NEGATIVE-CARBON-FOOTPRINT CABLE

Milan, March 24, 2026 – Prysmian has set a world first by creating the first ever **negative-carbon-footprint** cable, a significant breakthrough to reduce carbon emissions. This assessment uses a *cradle-to-gate* approach, meaning the cable's sourcing and manufacturing processes remove more carbon emissions than they release, delivering a real positive climate benefit.

Prysmian will now begin the industrialization process of the technology using its manufacturing footprint across the world for Power Grid Customers. The technology is patent pending, ensuring Prysmian's leadership in the development of the most advanced cable technology.

How are we making this happen, and where will we deploy it first?

The new cables will be able to integrate into existing grid designs, and also offer unprecedented positive impacts on tackling carbon emissions thanks to two core innovations:

- **Advanced Engineering:** Optimized cable architecture that maintains uncompromised electrical and mechanical performance.
- **Next Generation Materials:** A carefully engineered combination of bio-polymers, low-carbon and recycled materials that significantly lower and ultimately achieve product negative-carbon-footprint.

Prysmian plans to first roll-out this technology in its Power Grid business in the second half of 2026.

Cinzia Farisé, Executive Vice President – Power Grid & Electrification Business: *"We all know that reducing carbon emissions in industrial processes is necessary, but the only way to do this effectively is through innovation. We've done just that, offering our Customers something no other cable company has ever done: a cable that can go beyond carbon neutrality, and make a positive effect on climate. This is great news for our business partners: with this solution we can significantly reduce their carbon emissions, making this technology a must-have for all Customers right across the world."*

Sathish Kumar Ranganathan, Vice President – R&D Materials and Power Grid: *"This is an example of our approach to R&D in action. We are setting a world-first with this technology and transforming the perception of the role manufacturing can play in reducing carbon emissions in our sector. Our R&D and Procurement teams work together as part of our Beyond Neutral program, always looking at how we can accelerate a win-win circular approach to design, material recovery and low-carbon technologies."*

The new cable will reach a negative carbon balance up to 1 ton of CO₂ absorbed per km of cable.

Prysmian is the leading provider of solutions for energy and digital connections, delivering major electrical transmission projects on land and at sea, modernizing power grids, and unlocking renewable energy, electrification, and digital connectivity worldwide. The company combines engineering excellence with sustainability-driven innovation, enabled by its 34,000 employees, 109 production facilities and 30 R&D centers in over 50 countries. Prysmian is a public company, listed on the Italian stock exchange and recorded 2025 revenues of approximately €20 billion.

For more info:

Cristina Bifulco
Chief Strategy, IR, M&A
& Communication Officer
mariacristina.bifulco@prysmian.com

Jonathan Heywood
Communication, Public Affairs &
Media Relations Director
jonathan.heywood@prysmian.com

Media Relations
media@prysmian.com



The planet's pathways

+39.331.6573546