

## PRY-CYCLE™: Towards a Circular and Low-Carbon Future

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Prysmian is accelerating Australia's renewable energy transition with **PRY-CYCLE™**, which ensures the usage of the most sustainable cable materials to date. With **PRY-CYCLE™**, there would be reduced environmental impact across the cable value chain, proving that innovation and sustainability go hand in hand.

Sustainability is in our DNA, and our latest solution integrates **Low-Carbon Aluminium, Bio-Based Nylon, and Recycled Polymers** under **PRY-CYCLE™** — a comprehensive approach aligned with the E PATH (Prysmian's verified sustainability framework) that vouches for the sustainability of our cables.

### **Low-Carbon Aluminium** — First in the Australian cable market

Aluminium production is traditionally energy-intensive. Prysmian Australia now sources aluminium produced with renewable energy, **reducing cable CO<sub>2</sub> emissions by up to 60%** compared to conventional methods. It also enables customers to lower Scope 3 emissions and supports their transition to low-carbon infrastructure.

### **Bio-Based Nylon** — *First in the global cable industry*

This high-performance polymer is supplied entirely from bio-based materials and **delivers a 70% reduction in carbon emissions of the material** compared to fossil-based alternatives. It enables customers to lower lifecycle carbon impact, reduce reliance on non-renewable resources, and demonstrate leadership in circular economy initiatives.

### **Recycled HDPE for Circularity** — *First in the Australian cable market*

By incorporating **recycled high-density polyethylene (HDPE)** into product components, Prysmian **reduces the demand for virgin materials and the energy required for production**. This supports customers' circular economy goals and ESG leadership while maintaining mechanical integrity and compliance with Australian standards.

Through continuous collaboration and innovation, Prysmian is helping build the foundation of Australia's sustainable energy network with **PRY-CYCLE™**.

**A smarter, cleaner, and more resilient future starts here — join us on the journey.**