

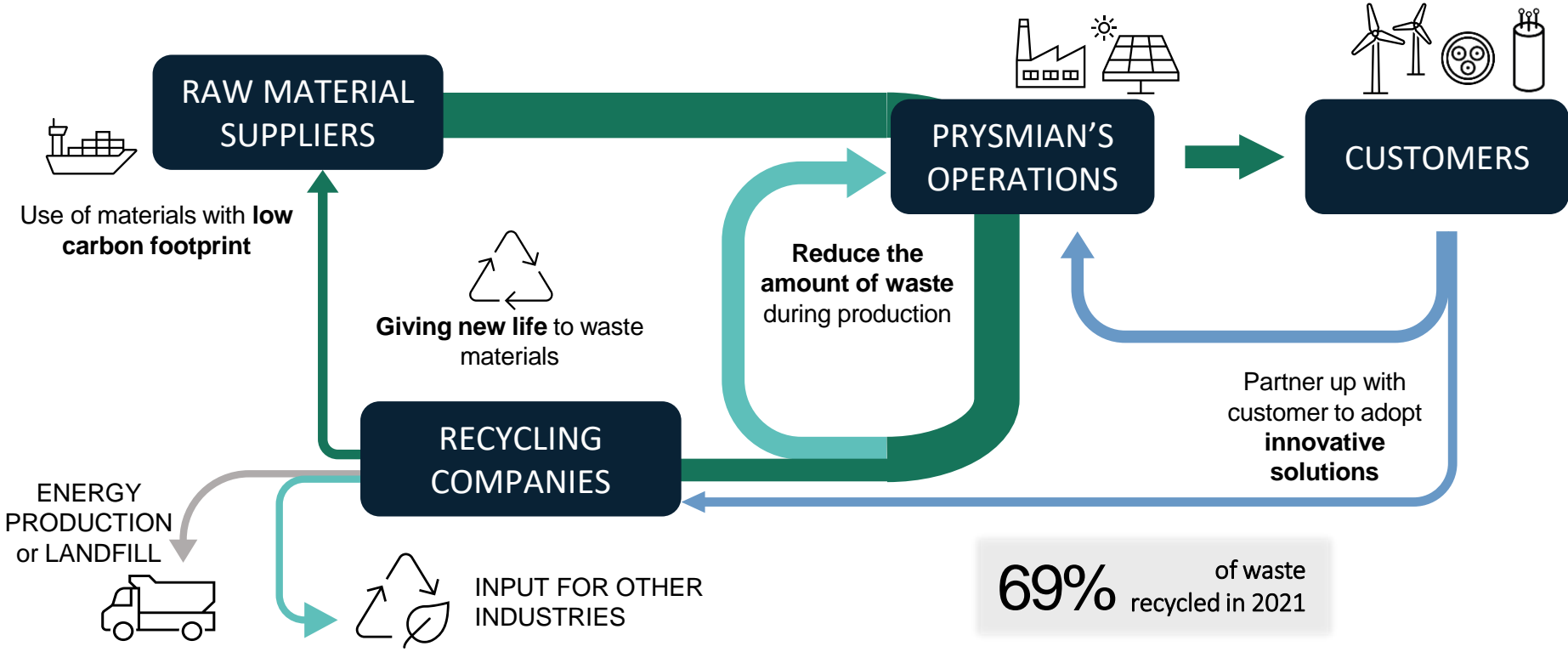
DIGITAL EVENTS  
#linkingthesustainablefuture

Prysmian  
Group

**We are what we do.**  
Sustainability is *not an act but a habit.*

**Prysmian Commitment  
to Circular Economy**

# Promoting and Implementing Circular Economy



69% of waste recycled in 2021

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# Upstream Value Chain – Recycled Raw Material Sourcing



## Situation as of today:

- **Proven recycled streams** using PCR / PIR grades of PE based jackets.
- Qualified few suppliers of **consistent high-quality material**
- Our internal Champion is Central East Europe
- Main application are in **Jacketing, Bedding/Filler & Yarns**

## We take actions:

1. **Accelerate PRC and PIR introduction in jacketing compound.** Our Vision in 5 years is to have 80% of PE jackets in Prysmian to contain 20-40% recycled material.
2. Develop **standardized qualification funnel** to internally qualify PCR/ PIR materials including harmonized raw materials specifications.

# Internal Waste Management – Reuse of Materials



## Situation as of today:

- Adequate treatment applied to factory **materials which are reintroduced in the factory flow**
- **Several Prysmian factories** has some internal reuse in place for some selected material (Mainly PE and PVC)
- Reused in **non-critical cable components** as jacketing and bedding
- Limitations due to customer requests, qualifications, and technical aspects (ex. cross-linked materials)

## We take actions:

1. **Drastically reduce the amount of waste generated** by unit of product. Our vision in the mid-term is to discard only hard-to-recycle materials
2. Develop a global and standardized approach to material reuse in the factories for each material.



# Downstream Value Chain – Waste Management



## Situation as of today:

- Waste segregation is not yet translated into recycling opportunities from dealers.
- **High value waste as metals** are 100% recycled.
- **Limited market opportunities** for most plastics materials (PVC, PE) and cross-linked materials (rubber or XLPE).
- Many limitations apply linked to segregation, substance of concerns, and geographical distribution

## We take actions:

1. Having a consistent and incrementally challenging approach to waste management and setting recycling targets by material.
2. **Scout for market opportunities in other industries** for our production waste, so to achieve cross-industry circularity

# Downstream Value Chain – Customer Engagement



## Situation as of today:

- Utilities and Customers starting to ask for **products with recycled or/and bio content** with circularity as main driver.
- **Design for sustainability** to be key for a holistic approach integrating circularity, decarbonization and hazardous substances elimination.
- Cable systems usually involve **hard-to-recycle plastics**

## We take actions:

1. We are ahead of the market in the **offering of products with recycled material content** and develop the first Eco Label in the industry
2. Innovate materials to **increase recyclability**
3. Prysmian Group **partnering with key customers** to introduce innovative sustainable solutions in the grid.

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# Wrapping Up Circularity Aspirations

*All PE jackets in Prysmian to contain 20-40% recycled material*

*Drastically reduce the amount of waste generated by unit of product.*

**Upstream Value Chain**

**Internal Waste Management**

**Full Circularity with the Customers**

**Downstream Waste Management**

*Team up with Customers to facilitate the adoption of innovative solutions*

*Having a consistent, shared an incrementally challenging approach to waste management*

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