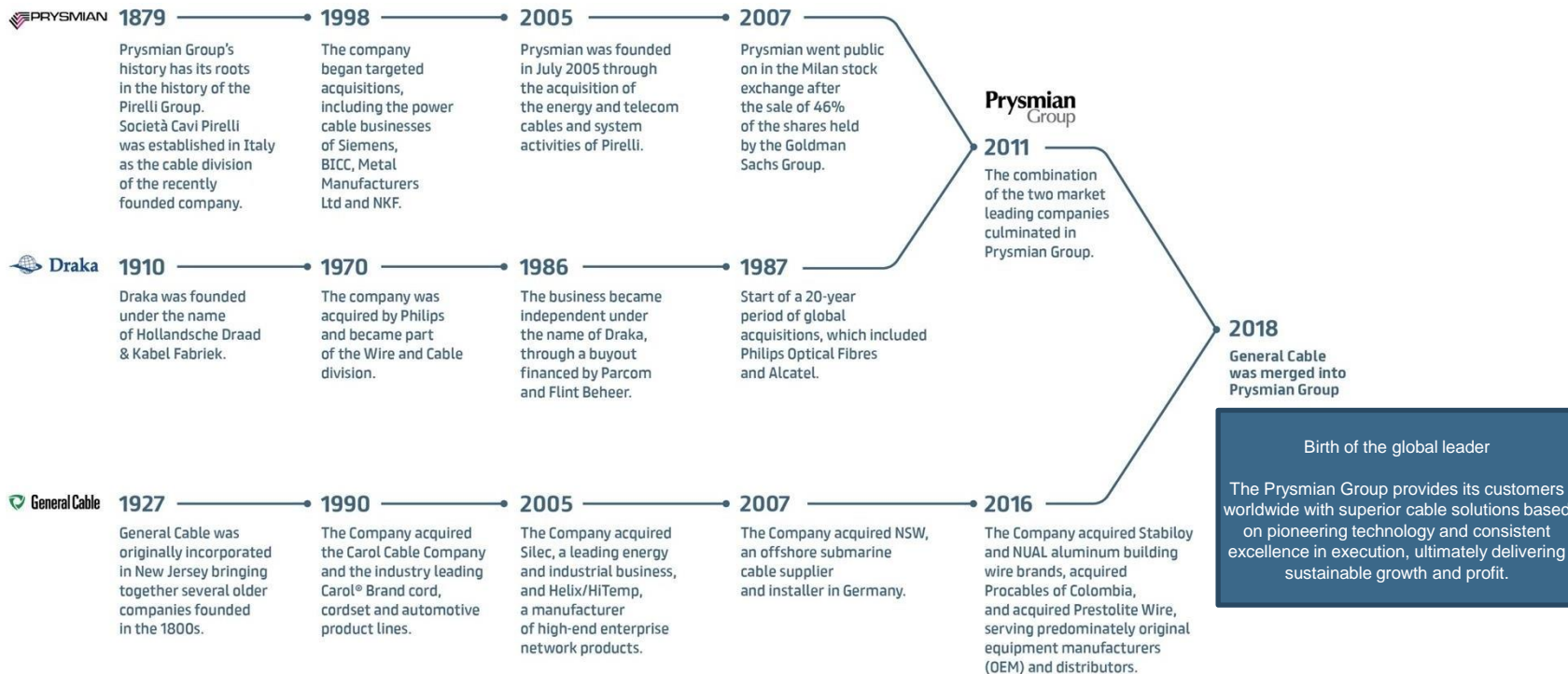


# Linking energy and information to global growth

Prysmian Group company presentation



# A journey that began two centuries ago



# A truly global group leader in the cable industry

A global footprint ensuring higher diversification by portfolio and geographical area



**€+12BN**

Sales



**29,000**

Employees



**50**

Countries worldwide



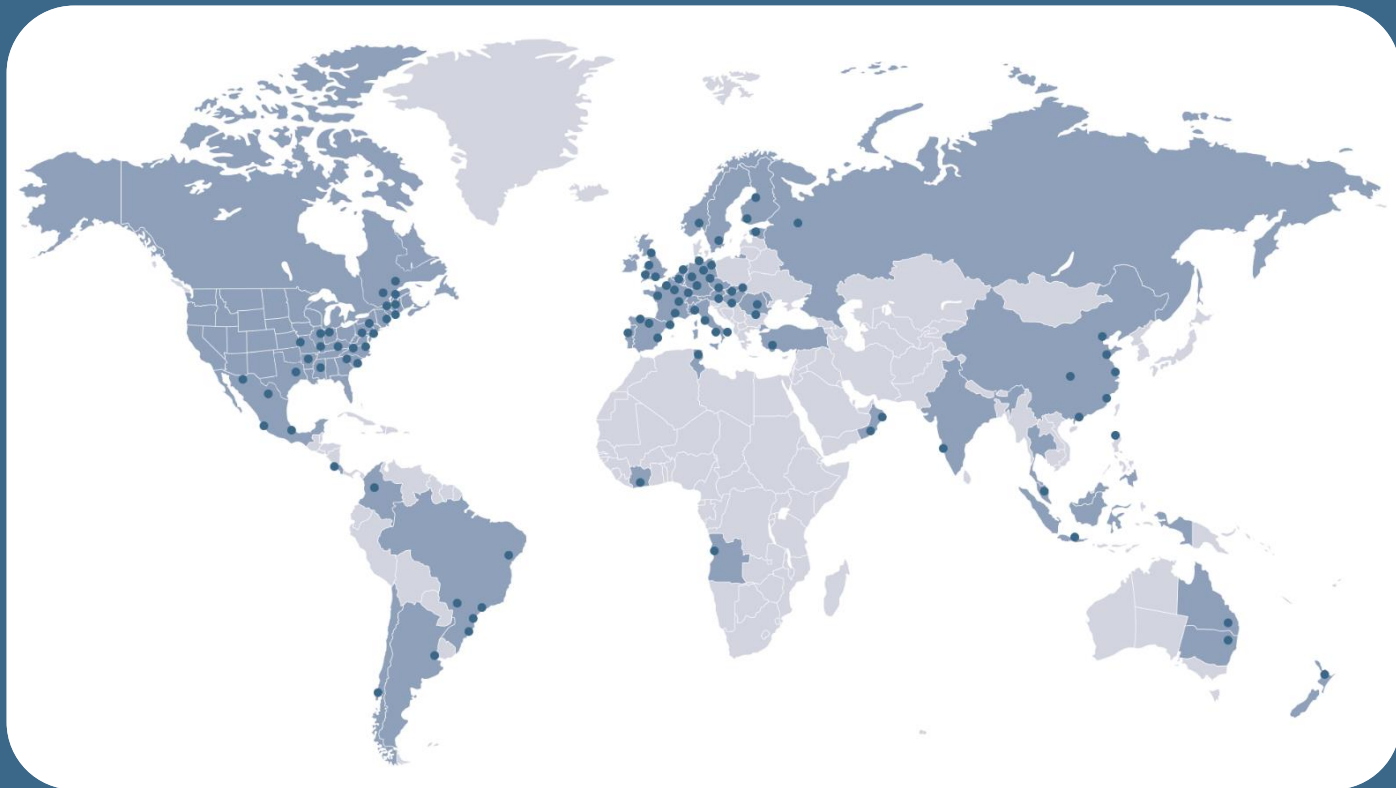
**108**

Plants



**26**

R&D Centres





# Cable technologies for all applications

## POWER GRIDS

HV&Submarine | Transmission | Distribution | Offshore Wind  
Farms | Power from Shore | Asset Monitoring Systems |  
Network Components | Installation Capabilities | Overhead

## TELECOMS

Optical Fibre | Telecom Networks | Submarine Telecom |  
Multimedia and Enterprise Networks

## ELECTRONICS

PRY-CAM & Omnisens Asset Monitoring Solutions |  
Partial Discharge Measurement | Diagnostics

## CONSTRUCTION & INFRASTRUCTURE

Power & Control | Multimedia

## TRANSPORTATION & MOBILITY

Elevator & Escalator | Aerospace | Automotive | Rolling Stock  
| Marine | Railway

## INDUSTRIES

Solar & Photovoltaics | Wind Turbines | Oil & Gas | Marine |  
Mining | Crane | Nuclear Plants | Military & Defence | Other  
Plants | Other Industries



# Helping to meet today's great challenges



**The energy transition**  
From fossil fuels to renewable  
sources for low carbon future



**The digitalisation of our world**  
Channelling and transporting an  
explosion of big data



**The electrification of society**  
Enabling the application of electrical  
power throughout the world



**Global and flexible** supply chain



**Extended** product range



**Sustainable product** innovation



**Global solution** provider



Advanced proprietary **technologies**

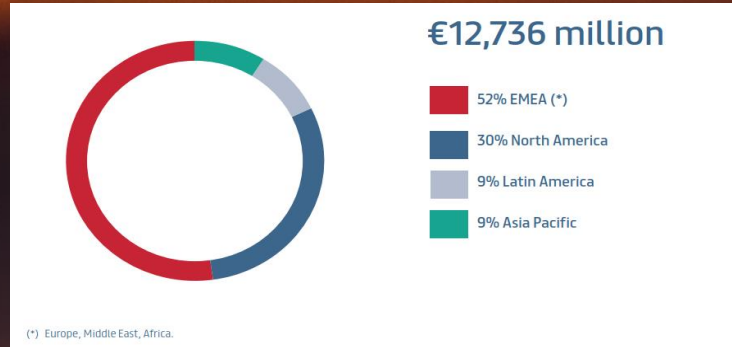
# Partner of the world key players



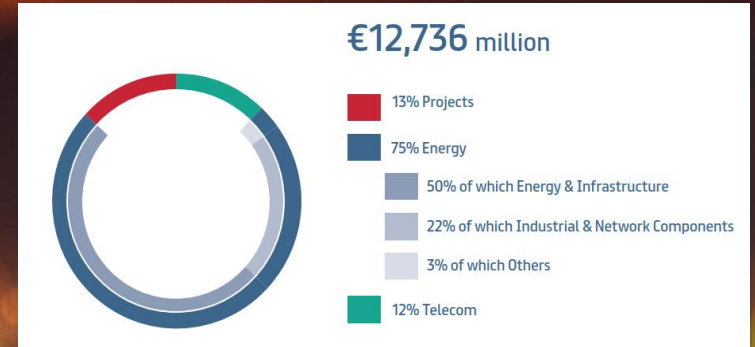


# Solid financial performance

## 2021 SALES BY GEOGRAPHICAL AREA



## 2021 SALES BY BUSINESS AREA



# A public company

## SHARE OWNERSHIP BY TYPE AND SIGNIFICANT SHAREHOLDERS



|       |                                      |
|-------|--------------------------------------|
| 81.6% | Institutional Investors              |
| 7.4%  | BlackRock, Inc.                      |
| 4.7%  | UBS AG                               |
| 4.5%  | Crédit Agricole S.A.                 |
| 4.1%  | T. Rowe Price Group, Inc.            |
| 3.7%  | AXA S.A.                             |
| 3.2%  | Sun Life Financial, Inc.             |
| 2.9%  | The Vanguard Group, Inc.             |
| 2.7%  | Hardman Johnston Global Advisors LLC |
| 2.2%  | Schroders PLC                        |
| 64.6% | Other                                |
| 8.3%  | Retail                               |
| 1.8%  | Own shares                           |
| 3.0%  | Employees + Management               |
| 5.3%  | Other*                               |

## INSTITUTIONAL INVESTORS BY GEOGRAPHICAL AREA



|     |        |
|-----|--------|
| 30% | US     |
| 27% | UK     |
| 12% | France |
| 7%  | Italy  |
| 4%  | Sweden |
| 16% | RoE    |
| 4%  | RoW    |



# Defining our purpose

We drive the flow of energy and information everywhere to enable and sustain human achievement.

## Our vision and mission

### Vision



Energy and information help communities develop. That's why it's so important that they're always available, and that they're supplied:  
*Effectively. Efficiently. Sustainably.*

### Mission



We provide our customers with superior cable solutions based on state-of-the-art technology and consistent excellence in execution, ultimately delivering sustainable growth and profit.

## Sharing our values

### Drive



We aim to lead the industry evolution, combining our ability to develop people and business, in a clear direction while anticipating customer needs.

### Trust



We want to create an environment of trust that leverages diversity and collaboration, where people are empowered to make decisions with integrity.

### Simplicity



We strive to simplify anything we can, focusing on high value generating activities and timely decisions to boost our company results.

# Executive team overview



- 1 One-Company approach: common global processes and identity while being close to local customers needs
- 2 Matrix organization: to be responsive to local markets and maintain a global view trough the BUs
- 3 Accountability & Governance: to ensure strategy alignment and governance of key processes



# Sustainability in Prysmian Group



Sustainability is in our DNA and is an integral part of our business across the Group's entire organization

## SHAREHOLDERS

Create **long lasting values** for our shareholders

Transparent and **solid governance**

## EMPLOYEES

**Wellbeing** of our employees

Social Ambition, focus on **diversity, inclusion, safety** and much more

## INNOVATION

Develop new and **low carbon technologies** and processes

**Net-Zero Ambition**

## SUPPLIERS

**Early adopters** of innovative technologies

**Reduce** their **Scope 3 emissions**

## LOCAL COMMUNITIES

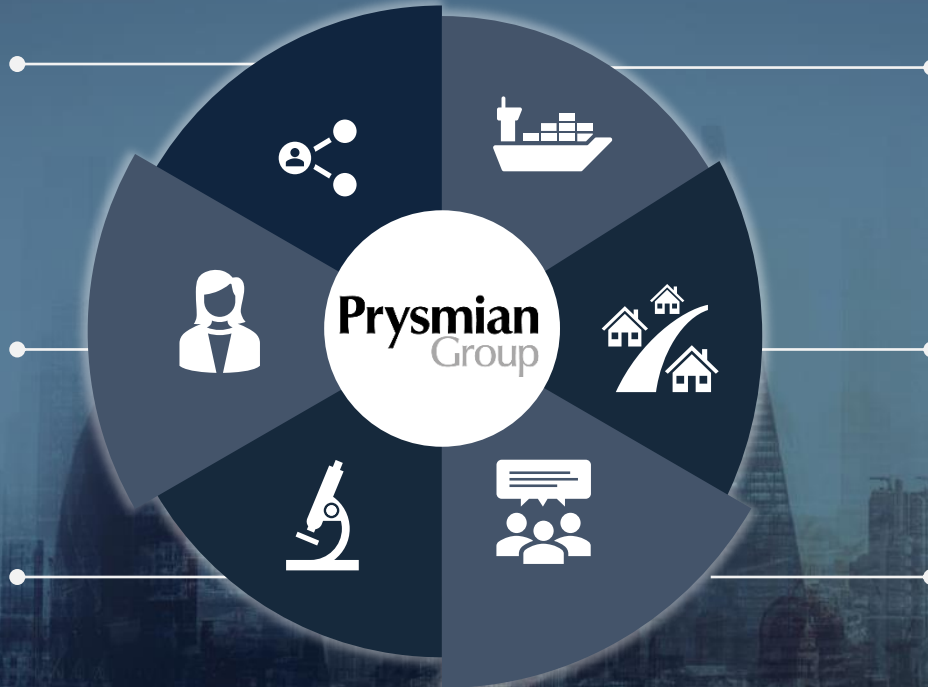
Nurture **social inclusiveness** along the value chain

**Positive impact** on the communities we operate in

## CUSTOMERS

Our innovations **reduce the emissions** of our customers

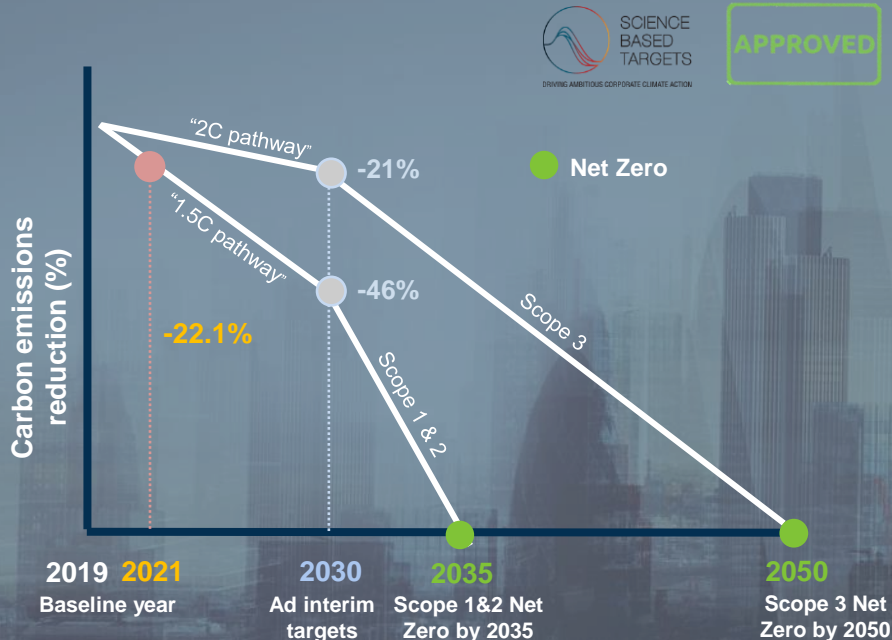
**Guarantee** of ethical business conduct



# Our Climate Change and Social Ambitions

Prysmian Group set Net Zero targets approved by SBTi and its early commitment with Side by Side initiative turned into a Social Ambition in 2021

## Climate Change Ambition



## Social Ambition



### GENDER EQUALITY

- **50/50 in Recruiting** of Desk Workers
- **30% of Women** in Senior Leadership roles
- **Zero Pay Gap** for Desk Workers
- **25%** of Women in the Total Workforce
- **+500** women in a fully dedicated STEM program



### DIGITAL

- Connecting **100%** of our employees through global platforms



### LOCAL EMPOWERMENT

- At least a project per year, with focus on developing vulnerable communities
- Local projects with cable donation



### INCLUSION & DIVERSITY

- **>30%** of Executives from under-represented origins
- Mentoring programs for 500 students



### HEALTH & SAFETY

- Injuries Index towards **0** for employees & contractors



### ENGAGEMENT & UPSKILLING

- **40 yearly training hours** per employee
- **50%** of employees involved in share ownership plans (YES)
- More than 25% of employees is involved in mobility/growth experience every year
- Higher than 80% response rate to Engagement Survey
- Leadership Impact Index improved to 70-80%





# Innovation defines us

To us, innovation means meeting the needs of our customers and communities by understanding their business drivers as quickly as they do.

Our ability to innovate is what makes us a market leader, with a track record of delivering products that are faster, smarter and more sustainable than before. In other words, products that are simply better to enable the energy transition and power the digitalisation and electrification of our communities in a sustainable way.

## OUR R&D CAPABILITIES AND RESOURCES



About **5,600** patents  
covering the main  
innovations



**26**  
Research centres  
**900**  
Professionals



**298**  
Product families  
launched during  
the year



Over **50**  
Collaborations with research  
centres and universities

## OUR INNOVATION PILLARS

New products aligned with BUs' strategies  
(P-Laser, ECOCABLE; etc.)

Electronics and Optical Sensing Solutions for Asset Monitoring  
(PRY-CAM, Omniens)

Digital Culture & Digital Products  
(Alesea, PRY-ID)

Innovation Accelerator & Start-ups  
(Corporate Hangar)

# Our People Strategy



## Jobs, Sizing & Cost

- Workforce Reporting & Planning
- Cost Optimization Strategies
- Job Banding



## Talent Acquisition & Employer Branding

- Onboarding
- Graduate Program
- STEM IT| SELL IT | SUM IT
- Employer Branding Strategy



## Talent Management & People Development

- P3 - Performance
- P4 - Talent
- Succession Planning
- Academy
- Internal Job Posting
- My Mentorship



## D&I and Sustainability

- Side by Side
- Volunteering
- Human Rights



## Engagement

- YES
- SpeakUP
- Prysmian People (Intranet)
- New Working Policy



## Rewarding & International Mobility

- Total Rewarding Policy
- Value4All
- International mobility Policy



- Digital inclusion of all our People
- Employee Centricity
- Users experience for effectiveness and simplicity





# Projects



# A driving force in the energy transition

Our cable solutions  
are the backbone of  
next-generation grids,  
connected to cleaner,  
greener energy.



**Offshore wind  
solutions** bring  
power from sea to  
shore



**Submarine cable  
systems** go deeper  
and further



**Land  
interconnectors**  
bring power to  
where it's needed  
most

# Powerlink and leadership in HV & Submarine cables and systems

*Our key success factors*

## 3. Integrated worldwide **organisation** and **technology master**



**HQ**  
in Milan



**Regional offices**  
worldwide



**+ 1000**  
people



**Integrated unit for**  
submarine and HV



# Submarine cable industry

*Offering the widest range of manufacturing and installation assets*

**Powerlink**

A Brand of Prysmian Group

## Centre of excellence



Arco Felice (Italy)



Nordenham (Germany)



Pikkala (Finland)



Drammen (Norway)



## Cable laying vessels

**Best-in-class  
vessels and  
equipment**



Giulio Verne



Ulisse

**Extended project  
versatility**



Cable Enterprise



Leonardo Da Vinci

**Deep water  
installation  
capability  
up to 3,000 m**

**Shallow water  
and near shore  
installation  
solutions**

## Burial tools



Jetting machines



Vertical injector



Hydroplow



Heavy duty plough



SeaREX



# Leonardo Da Vinci: The most advanced cable-laying vessel in the world

*The state of the art vessel represents a unique asset for the development of efficient and sustainable power grids to support the energy transition*

With 171 metres, Leonardo da Vinci will **CONSOLIDATE THE GROUP'S LEADERSHIP** and boost the capability of submarine cable operations.

2 rotating platforms of 7,000 and 10,000 tons to ensure the **HIGHEST CAROUSEL CAPACITY IN THE MARKET.**

The capstan capacity of up to 100 tons **IS DOUBLE THE INDUSTRY AVERAGE.**

Bollard pull of about 200 tons has the **HIGHEST PULLING/TOWING CAPACITY** in its class.

Equipped to carry out the deepest power cable installations of up to **3,000 METRES.**

All technical features can lead to a **REDUCED TRANSPORTATION TIME** from the factory to the site, **IMPROVING OVERALL PROJECT EFFICIENCY.**

The first mission assigned to the Leonardo da Vinci vessel is the installation of the **Viking Link submarine cable connection** between the UK and Denmark, the world's longest power interconnection.

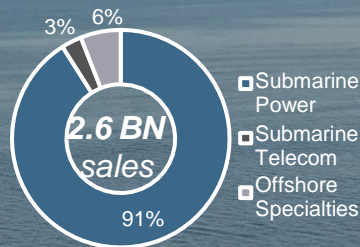
**Other projects:** Lanzarote-Fuerteventura, Saint Nazaire offshore wind farm, Sofia.



# Powerlink and leadership in HV & Submarine cables and systems

*Our key success factors*

## 1. Leadership in cables system solution



**2020 order intake**



**>60 projects**  
currently in execution



**~15 projects**  
concluded



**>25 countries ww**  
with active projects

## 2. Projects-based business model and turn-key approach



**>2,000 km of**  
submarine cables



**>65,000 tons of**  
submarine cables



**> 850 km of submarine**  
cables installed



**~ 35 offshore wind farms**  
delivered in the last 10 years

# Heritage in high-performing submarine cables & systems



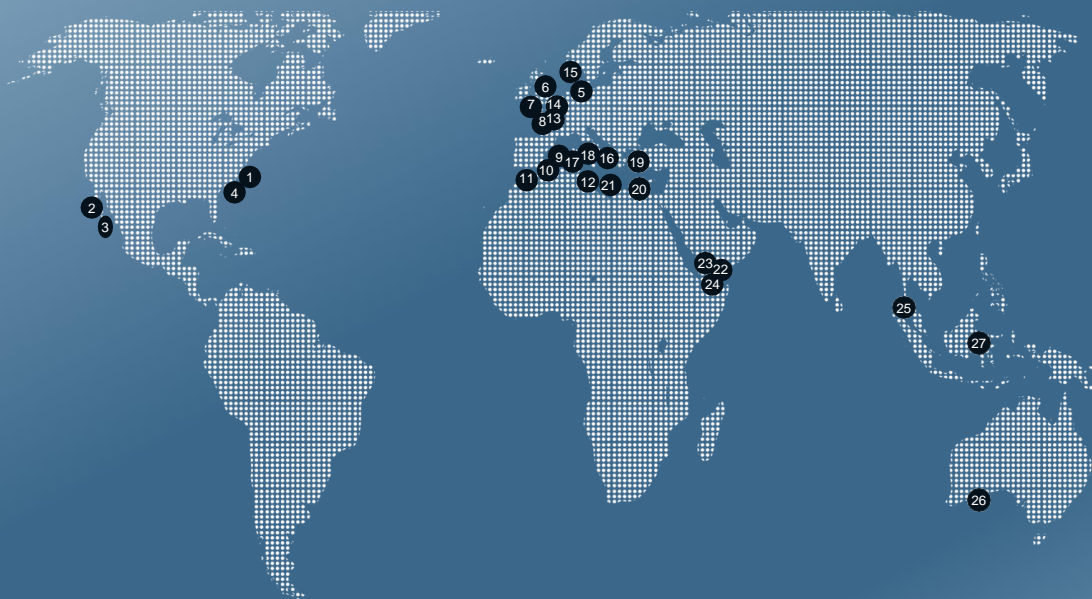
140 years  
of experience



~ 30 interconnections  
delivered in the last 10 years



>1600 km of DC extruded submarine  
cables installed in the last 10 years



1 HTP Hudson  
Transmission Project  
New Jersey – Manhattan

4 Trans Bay Cable  
San Francisco-Pittsburg

3 Exxon/Santa Ynez  
Oil Platform - California

4 Neptune  
New Jersey - Long  
Island

5 Cobra  
Netherlands - Denmark

6 Western HVDC Link  
Scotland – England

7 Shannon River  
Ireland

8 Normandie 3  
France – Jersey Island

9 Romulo  
Spain – Mallorca

10 Ibiza – Mallorca  
Baleari Islands (Spain)

11 Spain - Morocco II  
(Remo)  
Spain – Morocco

12 Messina II (Sicily–  
italian Peninsula

13 Normandie 1&3  
UK – France

14 IFA2  
France - UK

15 NSL  
Norway - UK

16 Mon.Ita.  
Montenegro - Italy

17 Sa.Pe.I.  
Sardinia – Italian  
Peninsula

18 Capri –T. Annunziata  
Italy

19 Dardanelles  
Turkey

20 Cyclades  
Syros – Greece

21 Italy – Greece  
Italy – Greece

22 Zakum Oil Field  
Abu Dabi – U.A.E.

23 GCCIA  
Saudi Arabia – Bahrain

24 Doha Bay Crossing  
Qatar

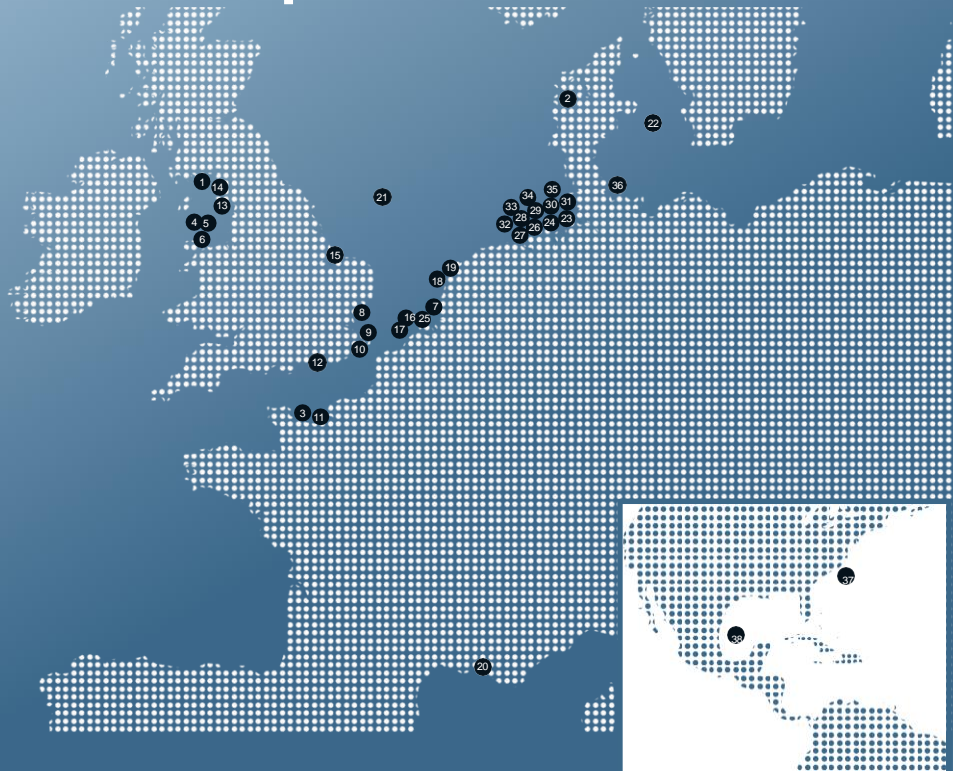
25 Phu Quoc Island  
Vietnam

26 Basslink  
Victoria – Tasmania

27 CNP 1&3  
(Cebu-negros – Panay)  
Philippin  
230 kV - 52 km



# Flagship offshore windfarms in Europe and America



- 1 Hornsea 2 – UK  
66 kV
- 2 Horns Rev3 – Dk  
HVAC 245 kV
- 3 Saint Nazaire /Fécamp/  
Calvados – FR  
HVAC 220 kV various sizes

- 4 GWYNT-Y-MOR – UK  
33 kV various sizes

- 5 Ormonde – UK  
HVAC 132 kV 3x800 mm2  
33 kV various sizes

- 6 Walney I and II – UK  
HVAC 132 kV 3x800 mm2  
33 kV various sizes

- 7 Hollandse Kust Zuid III&IV  
HVAC 66 kV

- 8 Greater gabbard – UK  
HVAC 132 kV  
3x800 mm2

- 9 Gunfleet sands – UK  
HVAC 132 kV 3x800 mm2  
33 kV various sizes

- 10 Thanet – UK  
HVAC 132 kV  
3x1000 mm2 and 3x630 mm2  
33 kV various sizes

- 11 Borselle III & IV – FR  
66 kV various sizes

- 12 East Anglia – UK  
66 kV

- 13 Robin Rigg – UK  
HVAC 132 kV  
3x300 mm2

- 14 Barrow – UK  
HVAC 33 kV  
various sizes

- 15 Teesside – UK  
33 kV  
various sizes

- 16 Bligh bank 2 – BBE  
33kV various sizes

- 17 Rentel- BE  
33kV various sizes

- 18 Egmond – NL  
33 kV, various size

- 19 Westerneerwind – NL  
33 kV various sizes

- 20 Provence grand large – FR  
66 kV various sizes

- 21 Kincardine – UK  
33 kV various sizes

- 22 Nysted – DK  
HVAC 132 kV 3x760 mm2

- 23 Helwin1 – GER  
HVDC ± 250 kV various sizes  
HVAC 155 kV 3x400 mm2

- 24 Helwin2 – GER  
HVDC ± 320 kV various sizes  
HVAC 155 kV 3x400 mm2

- 25 Northwestern 2 - BLG  
HVAC 33 kV

## Powerlink

A Brand of Prysmian Group

- 26 Alpha Ventus – GER  
HVAC 110 kV 3x240 mm2

- 27 West of Adlergrund – GER  
HVAC 220 kV 3x1200 mm2

- 28 Dolwin5 – GER  
HVDC 320 kV

- 29 Sylwin1 – GER  
HVDC ± 320 kV various sizes

- 30 Borwin2 – GER  
HVDC ± 300 kV various sizes  
HVAC 155 kV 3x800 mm2

- 31 Borwin3 – GER  
HVDC ± 320 kV various sizes

- 32 Dolwin3 – GER  
HVDC ±320 kV various sizes

- 33 Merkur – GER  
33 kV various sizes

- 34 Deutsche Bucht – GER  
HVAC 155 kV 3x400 mm2

- 35 Butendiek- GER  
HVAC 155 kV 3x400 mm2  
33 kV various sizes

- 36 OWP Wikinger – UK  
MV 33 kV various sizes

- 37 Niagara Wind Farm – USA  
MV 35 kV

- 38 Vineyard – USA  
HVAC - 220 kV

# Milestone HV underground cable projects



## Powerlink

A Brand of Prysmian Group

1. **Capital Grid**  
Washington Dc, US  
HVDC, 230 kV
2. **Burnham Talyer**  
Chicago, US  
HVAC, 345 kV
3. **Olympic Tunnel**  
London, UK  
HVAC, 400 kV
4. **ALEGrO**  
Belgium - Germany  
HVDC,  $\pm 320$  kV
5. **Barajas Ariport**  
Madrid, ES  
HVAC, 400 kV
6. **Kasso – Tjele Links**  
Denmark  
HVAC, 400 kV
7. **Centralnaya - Yuzhnaya**  
Russian Federation  
HVAC, 330 kV
8. **Umm Al Amad - Lusail**  
Qatar  
HVAC, 400 kV
9. **Inelfe**  
France – Italy  
HVDC,  $\pm 320$  kV
10. **Puerto Bravo**  
Perù  
HVAC, 500 kV
11. **Wagerup**  
Western Australia  
HVAC, 300 kV
12. **ElecLink**  
France - UK  
HVDC,  $\pm 320$  kV
13. **Ingula**  
Republic of South Africa  
HVAC, 400 kV
14. **Anhui Xiang Shuijian**  
China  
HVAC, 500 kV
15. **Transco**  
United Arab Emirates  
HVAC, 400 kV
16. **Piedmont-Savoy**  
Italy - France  
HVDC,  $\pm 320$  kV



# Powerlink and leadership in HV & Submarine cables and systems

*Our key success factors*

## 4. The champion in enabling the energy transition



### **P-Laser**

100% eco-friendly  
HTPE and fully  
recyclable materials



### **Leonardo da Vinci**

The most advanced CLV  
in the world with reduced  
environmental footprint



### **Synthetic armor**

~30% lighter than  
the equivalent steel



### **66 kV**

Innovative & sustainable  
cables for offshore wind  
industry



# Projects - Products

## Submarine power

### Main Market Segments:

INTERCONNECTORS

OFFSHORE WIND

POWER FROM SHORE

### PRODUCT PORTFOLIO

Medium Voltage, HVAC  
and HVDC solutions

Extruded and paper  
insulation technologies

Voltage levels up to 700kV

### BUSINESS MODEL

EPC contractor capability

Realization of full  
turn-key projects

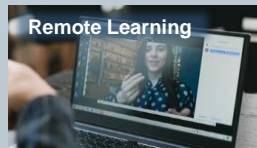
Unique manufacturing  
and installation asset base



OFFERING FULL TURNKEY PROJECT SOLUTIONS

ENABLING THE ENERGY TRANSITION

## Submarine Telecom Systems



**MARKET**  
Telecom, Power utilities  
and Oil & Gas

We are One stop shop of Turnkey  
Subsea Telecom Cable  
networks for Telecom operators,  
Power utilities & OGP customers.

# Projects - Products

## Offshore specialties

### Main Market Segments:

**OIL & GAS SUBSEA**  
from Hydraulic to Full Electrical Solutions

**POWER FROM SHORE**  
Solutions for Floating Applications

| UMBILICALS                  |                            | CORE ELEMENTS                 | FLOATING POWER & OF                            |
|-----------------------------|----------------------------|-------------------------------|--|
| Electro-Hydraulic Umbilical | Flexible pipe              | Low and Medium Voltage Cables | Dynamic Power Cables for floating applications |
| (a) Thermoplastic           | Well Intervention Workover | Optical Cables                | ROV Umbilicals                                 |
| (b) Steel Tubes             |                            |                               |  |
| (c) Full Electrical         | Subsea Flying Leads        | Subsea Ancillaries            | Sensing Umbilicals                             |

### Dedicated Offshore Services, incl. splicing



### FULL RANGE OF SOLUTIONS FOR:

- Efficient and safe subsea production
- Technology shift towards the electrification of subsea gas compression facilities
- Offshore floating future energies (tidal and wave power generation)

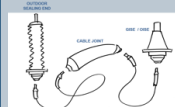
## High Voltage BU

### WHAT

#### Ultimate technological solutions

to ensure reliable achievements for our customers

- 500kV AC & 525kV DC full systems



- Complete Service packages



### WHERE

17 plants to secure Global supply of most advanced HV & EHV cable systems

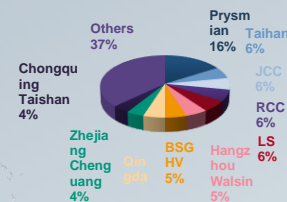
- 17 HV/EHV plants
- 3 Accessories plants
- 25 R&D centers
- 200+ qualified jointers



### HOW

Keeping **leadership in the HV land market**, never compromising quality vs. profitability.

- Revenues in excess of 600m€



2020 figures

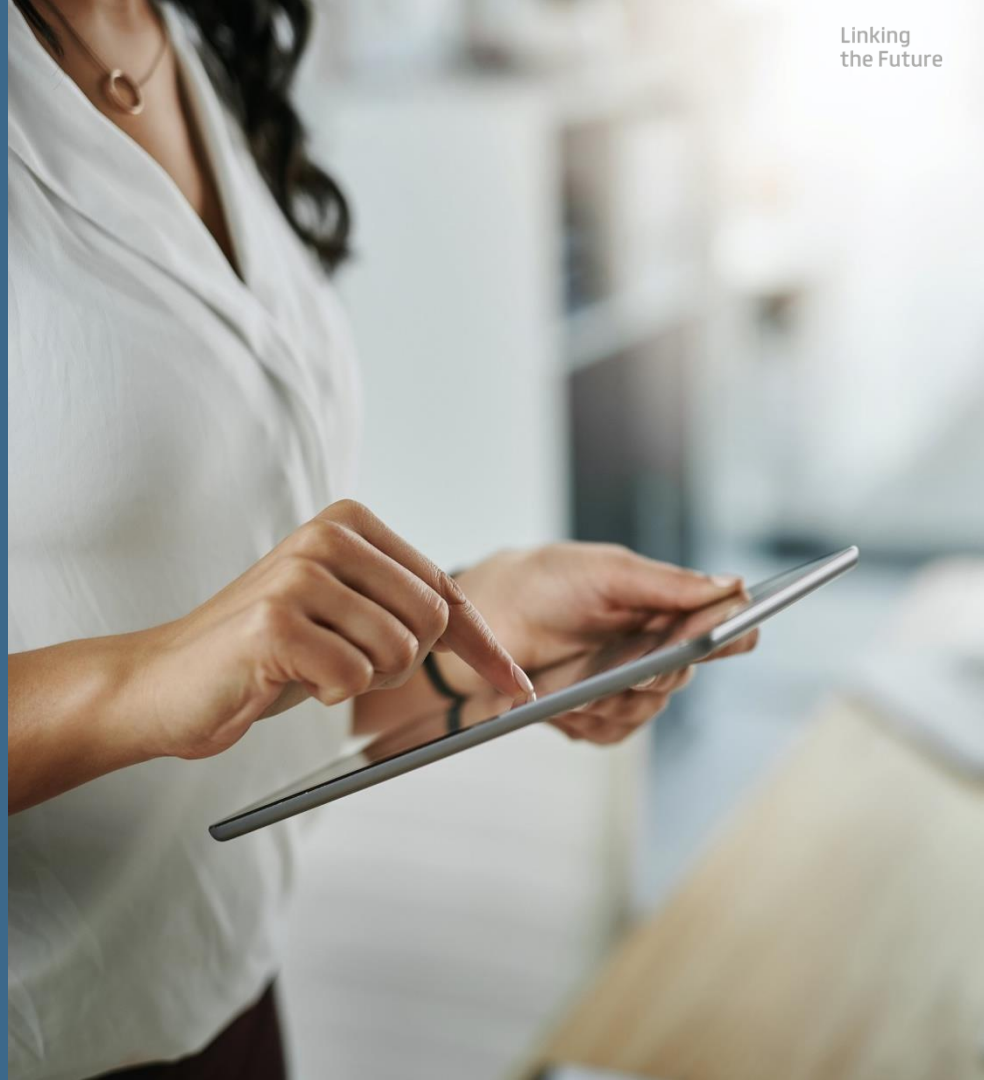
# Telecom



# Digitalisation

**Our telecoms solutions are realising the infrastructure of today and tomorrow, helping the world to meet its most pressing challenges.**

Data networks must support the exponential demands of IoT, 5G, connected buildings, Industry 4.0 and more. Ensuring high-speed connectivity in the core network, within data centres or at the edge.



# Our organisation

Our five business units help us to serve our customers more effectively – and with the specialist knowledge they require



**Telecom  
Solutions**



**Multimedia  
Solutions (MMS)**



**Optical Fibre**



**Connectivity**



**OPGW and  
Specials**

# Telecom:

In a connected world, fibre is the common denominator



Residential



Antennas



Administration



Business



Buildings



Ships



Data centres



Rural areas



IoT



Industry 4.0



CCTV



Offices



# The challenges of our time

*Our telecoms solutions are realising the infrastructure of today and tomorrow, helping the world to meet its most pressing challenges:*



## Digitalisation

Data networks must support the exponential demands of IoT, 5G, connected buildings, Industry 4.0 and more, ensuring high-speed connectivity.



## Network congestion

Providing an extreme fibre count and reduced diameter, the right cables are a crucial part of the world's shift towards flexible and reliable connectivity.



## Fast-paced, competitive markets

We may have a global footprint, but we have a local feel when it comes to getting to know each and every customer's business – and discovering what solutions they need. Our unrivalled footprint means we can serve our customers faster, and with shorter lead times than our competitors, providing complete end-to-end solutions.



## Our approach to the market

Prysmian Group Telecoms offers a one-stop-shop service solution for all your telecom needs. From fibre to cables to connectivity. From R&D and production to installation, testing maintenance and beyond. You name it, we do it all. In-house.

# Becoming closer to our customers

*The rise of ecommerce, the evolution of technology and a global explosion in data consumption are all examples of the increasing pressures businesses face. And at Prysmian, we're here to help.*

We may have a global footprint, but we have a local feel when it comes to getting to know each and every customer's business – and discovering what solutions they need.

Our unrivalled footprint means we can serve our customers faster, and with shorter lead times than our competitors, providing complete end-to-end solutions – not just mass-produced products.

And because we have plants across the world, supply chains are shortened and resulting logistics costs are lower, so we can pass those savings on to our customers too, for a lower TCO.



# Our approach to the market

Prysmian Group Telecoms offers a **one-stop-shop service solution** for all your telecom needs.

From fibre to cables to connectivity. From **R&D and production to installation, testing maintenance and beyond**. You name it, we do it all. In-house.

Made up of five business units working as one integrated whole, you'll benefit from the commitments and efficiency of a single-source provider, and the **combined knowledge and capabilities of multiple specialists**.

It means we can offer **integrated, end-to-end solutions**, and **guaranteed expertise** at every step.





# Telecom Products

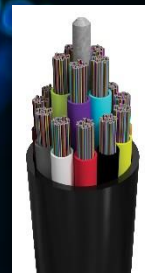
## TELECOM SOLUTIONS

Extensive range of **optical fibre and copper cabling**, including products for next generation networks such as hybrid cables, Fibre-to-the-Antenna (FTTA) and 5G.

## PRODUCT HIGHLIGHTS



**Sirocco**: boasting world-record fibre densities & cable diameters for microduct cables, including the worlds first range of 180  $\mu\text{m}$  fibre cables



**FlexTube**: Optical micromodule cables made of soft flexible materials. **FlexRibbon™** in **MassLink™** fibre cable technology for building high fibre count access and core networks at rapid speed. The latest addition to the family, the 6,912-fibre cable, meets the highest fibre count demanded in high-performance data centre networks



**FTTA and 5G**: A large portfolio of optical fibre, power and hybrid cabling and connectivity solutions for the deployment of next generation networks, such as Fibre to the Antenna and 5th generation mobile networks



**CasaLink**: pre-connectorised solution for the rapid deployment of the final optical drop cable to the customer

# Telecom Products

## MULTIMEDIA SOLUTIONS

**Copper and fibre cables for short/medium distance applications** in offices and data centres, and studio cables for radio, TV and film

**Signalling cables** for railway network systems.

**Coaxial RF cables**

**Base station and antenna connections** in mobile networks

## PRODUCT HIGHLIGHTS

- **GEN5 10G**: Smallest and highest performing CAT6A products on the market
- **UC900 SS23 Cat.7 LSHF-FR Cca & B2ca**: Upgraded CPR class
- **UC Future® with FlexTube® or FlexRibbon®**
- **MMS OM5 Fibre**: Expanding the need for BB-OM5 fibre
- **Single Pair Ethernet (SPE)**

## OPTICAL FIBRE

Complete range of **single-mode, multimode and specialty fibres** designed for every purpose

## PRODUCT HIGHLIGHTS

**BendBright<sup>XS</sup> 200 µm and BendBright<sup>XS</sup> 180 µm**, specifically fit for **cable densification** and miniaturisation enabling sustainable, future-proof and cost-effective networks.

**BendBright<sup>XS</sup> fibres** provide enhanced **digital security to optical networks. BendBright<sup>XS</sup> OM4 and OM5 multimode fibres** supporting the high-speed data centre applications



# Telecom Products

## CONNECTIVITY

**Racks, joints, wall boxes, customer termination boxes and pre-connectorised products** – including indoor, outdoor, and high density products. Extensive portfolio of pre-connectorised optical cables available in a **wide range** of fibre count, fibre types and mechanical constructions

## OPGW and SPECIALS

**Products for Electrical overhead lines**, helping electrical utilities to support the digitalisation of their assets

### Oil and Gas applications

Providing hydrocarbon resilient, fire resistant, and flame-retardant solutions

### Sub-aqua application

Enabling the deployment of fibre into particular rights-of-way such as dams, rivers, sewers, and water pipelines

### Industrial applications

An extensive range of high-performance systems for railways, tunnels and industrial applications where extreme durability is vital

### Distributed Fibre Optic Sensing (DFOS) systems

Particular fibre optic cable designs to detect and monitor the activities and processes of critical infrastructure



# Energy



# Electrification

**Cable solutions for all sectors, industries and infrastructures to enable the application of electrical power throughout the world**



**Energy &  
Infrastructure**



**Renewable  
Energies**



**Transportation**



**Heavy Industry &  
Plants**



**Electrified  
mobility**



**Condition  
assessment &  
asset monitoring**

# E&I strategy key pillars



## Customer centricity

Continuously **monitor customer satisfaction levels** and share realignment plans



## Digitalisation

**Support** customers' growing **needs to go digital**

Improve **one-to-one communication** flows



## Sustainability

Focus on **sustainability** in our product offering

Co-develop '**Green Offer**' activities with customer accounts



## Innovation & servitisation

Develop and deliver **innovative solutions and services** on top of our product offering

Promote **product differentiation and innovation**



## Supply chain

Improve **customer service** via efficient stock management in order to **respond quickly** to market changes and varying customer needs, while offering **shorter delivery times**



# What we do for the construction industry

Our insulated building wires provide secure, reliable power to buildings and structures



Our portfolio includes products suitable for all domestic wiring circuits found in a typical home



We offer an unrivalled portfolio of low-voltage cables, manufactured to the highest quality standards



Our electrical equipment is designed for use with a voltage rating between 50V and 1000V for alternating currents, and between 75V and 1500V for direct current

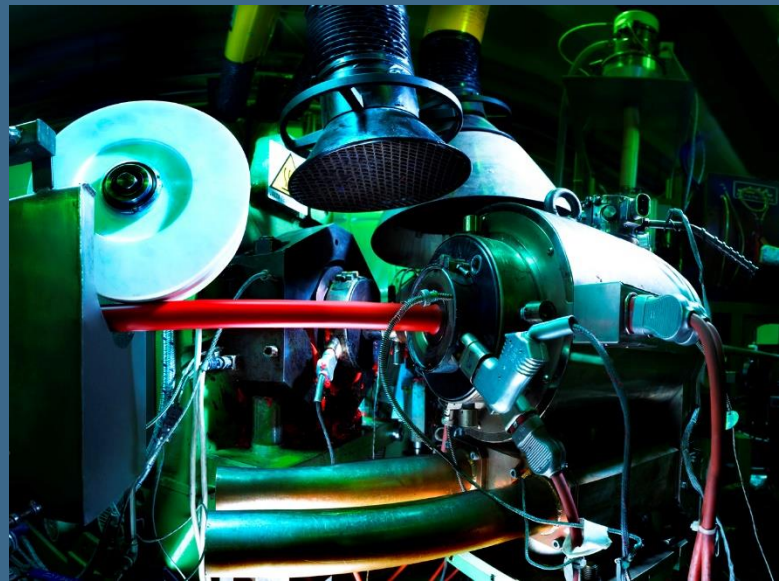
# What we do for Power Distribution

Our solutions exist to help grid operators and utilities, industrial companies, and installers transmit and distribute the energy that powers every aspect of our world.



Our product portfolio includes both **aerial and underground medium-voltage cable systems** (including P-Laser) for the connection of industrial

and/or residential buildings to the primary distribution network, alongside low-voltage cable systems for power distribution and cabling to buildings.



# Linking global challenges to a variety of industries

*At Prysmian Group, we are helping OEM and industrial businesses across the world meet ever-changing and increasingly demanding challenges.*

## Innovation

Our commitment to innovation has allowed us to engineer bespoke product designs, drive the evolution of our product portfolio and excel in developing high-end technologies.

## Efficiency Increase, Reliability & Performance

For industries where reliability of equipment performance is paramount, our cables provide the backbone of dependable and high performing equipment, with high performance under electrical, physical and mechanical stresses, torsion, bending, radiation and any other stress linked to harsh environments.

## Decarbonisation & Electrification

We are powering greater sustainability for the renewable industry, both wind and solar; we are driving efficiency and safety of operations for heavy industries – such as crane and mining, and industrial infrastructures – such as nuclear, hydro and power plants; and we are enabling decarbonisation in transportation, whether for railway, rolling stock or marine.





# Industrial & OEM key drivers



**Innovation**



**Sustainability**



**Digitalisation**



**Servitisation**



**Customer  
intimacy**



**Global capabilities  
& local presence**



**Outstanding & complete  
product portfolio**

# Industrial & OEM Product Range By Application

## SOLAR



LV, MV and special cables used in solar PV panels and solar electrical infrastructure

## WIND



HV, MV, LV and special cables used inside wind turbines and for their connection to the grid

## AUTOMOTIVE



All types of electric wiring and harnessing on board vehicles

## E-MOBILITY INFRASTRUCTURE



AC and DC cables for Electric Vehicles charging applications

## Other INFRASTRUCTURE



MV, LV, instrumentation, control and special cables for a variety of infrastructures: airports, bridges, processing plants, etc.

## MINING



MV, LV & special cables for equipment and machinery in opencast and underground mines, tunnelling applications and mine electrical infrastructure

## CRANE



MV, LV and special cables used in port cranes for containers handling and port electrical infrastructures

## ELEVATORS & ESCALATORS



Cables, harness kits, handrails, components and services for elevators, escalators and moving walks

## ROLLING STOCK



Instrumentation, Power, TLC and special cables for use on board trains, metros and trams

## RAILWAY



Power, Control, Signaling, Communication cables and accessories for railway lines

## MARINE AND DEFENCE



MV, LV, instrumentation, control and special cables used on board civil, merchant and military ships

## OIL & GAS



Power, control, instrumentation and special cables and accessories for off-shore, on-shore and down-well pump applications; downhole technology for well completion

## NUCLEAR



Power, Control, Instrumentation and Communication cables used inside nuclear plants and surrounding areas

## UTILITY SUBSTATIONS



Power, Instrumentation, Control and Communication cables used to operate substations' equipment

## WATER



LV cables used to operate water treatment, pumping and irrigation machineries

# Electronics and Optical Sensing Solutions

The background image shows a modern control room or data center. In the foreground, there are several computer workstations with multiple monitors. The monitors display various data visualizations, including maps and charts. The background features a large, curved wall display that shows a complex, multi-colored map or data visualization. The overall atmosphere is high-tech and professional.



# Monitoring Solutions for Data-Driven Asset Integrity



**PRY-CAM**

A Brand of Prysmian Group

For data-driven  
power

**omnisens**  
Securing asset integrity

## Low Voltage Monitoring

- Safety of home electrics
- Instrumental tests for certification
- Power Quality
- Consumption

## Power Grids Monitoring

- Partial Discharge
- Temperature
- Pressure
- Currents
- Acoustic Events

## Services

- Partial Discharge Spot Measurement
- Fault Location
- Diagnostics

Thank You

