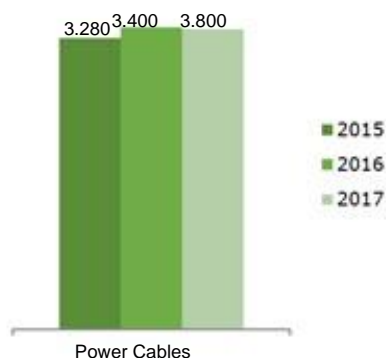
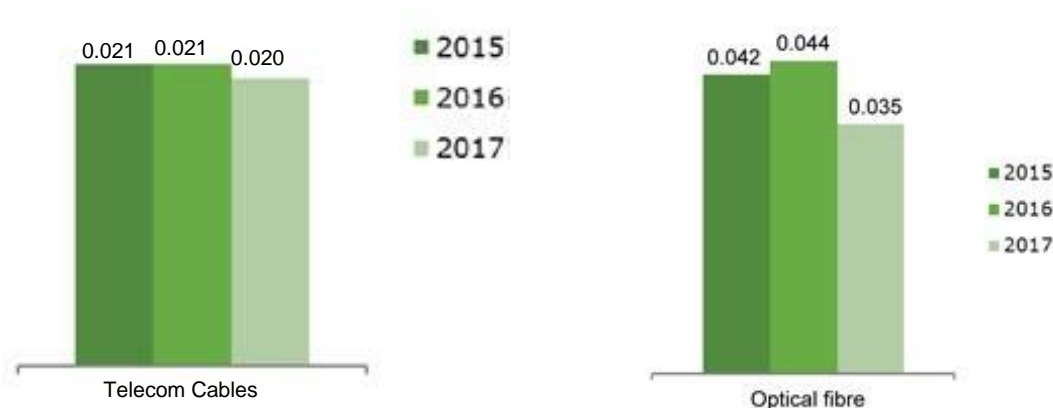


ENERGY CONSUMPTION PER TONNE OF PRODUCT (GJ/t)



ENERGY CONSUMPTION PER Km OF PRODUCT (GJ/Km)



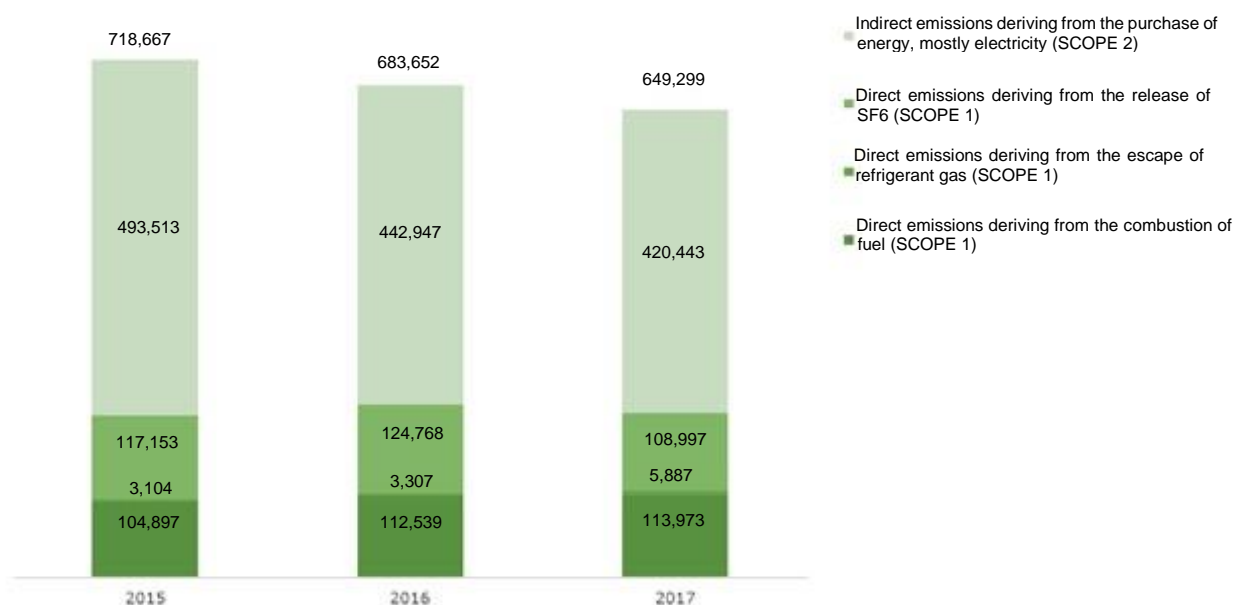
EMISSIONS

Greenhouse gas emissions, measured in tonnes of CO₂ equivalent, have been calculated using the methodologies indicated in "The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition, 2004)" considering, for the Scope 1 emissions (direct greenhouse gas emissions)⁴¹, the consumption of fuels, the release of overflow refrigerant gases and the release of SF₆ and, for the Scope 2 emissions (indirect emissions of greenhouse gases), the consumption of purchased energy (mainly electricity⁴²).

Emissions totalled 649,299 tCO₂eq in 2017, down by 5% with respect to 2016. The figure is down thanks to the improvement actions carried out with the aim of recovering SF₆, which otherwise would be dispersed in the environment (see Chapter "Main initiatives to lower environmental impact"), and following the adoption of emission factors updated with regard to electricity.

⁴¹ Source of Scope 1 emission factors: GHG protocol

⁴² Main sources of Scope 2 emissions factors: for 2015 and 2016 Defra 2012, for 2017 Terna 2014 and GHG protocol

CO₂ EMISSIONS, ANALYSED BETWEEN SCOPE 1 AND SCOPE 2 (tCO₂eq)**GREENHOUSE GAS EMISSIONS AFTER THE PURCHASE OF ORIGIN GUARANTEE CERTIFICATES**

The Prysmian Group represents a multinational and diversified reality; for this reason, two main methods for accounting for emissions in Scope 2 are used: the Location-based method and the Market-based method. Both methods, described below, are recognised and required by the GHG Protocol and are necessary for the reporting of Scope 2 emissions in the "CDP's Climate Change program" starting in 2016.

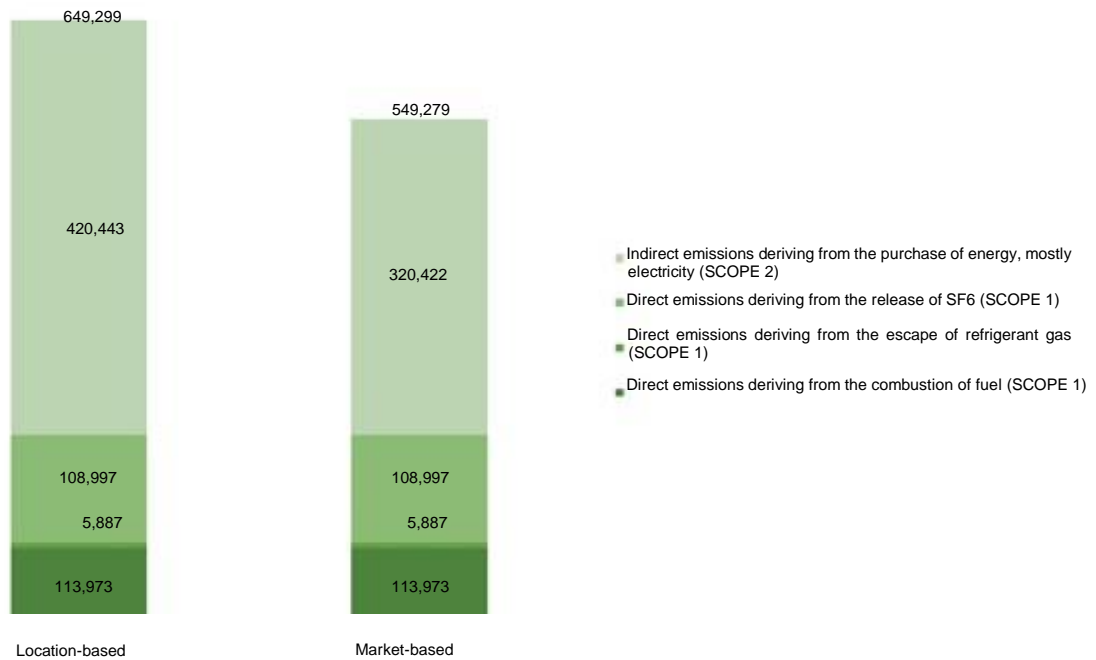
Location-based method

This is a method for quantifying Scope 2 CO₂ emissions based on average emission factors for energy generation by well-defined geographical boundaries, including local, sub-national or national boundaries.

Market-based method

This is a method to quantify the CO₂ emissions of Scope 2 based on the CO₂ emissions by the energy suppliers from which the reporter (company that compiles the report) purchases, through a contract, an electricity package. Markets differ on the contracts available for the purchase of energy or on the claim of specific attributes, but may include: guarantee certificates of energy origin and direct contracts with suppliers (RECs, GOs, I-REC, etc.); supplier-specific emission factors; default emission factors that represent uncontrolled or unclaimed energy and emissions (defined as "residual mix"); regional or sub-national medium or national emission factors.

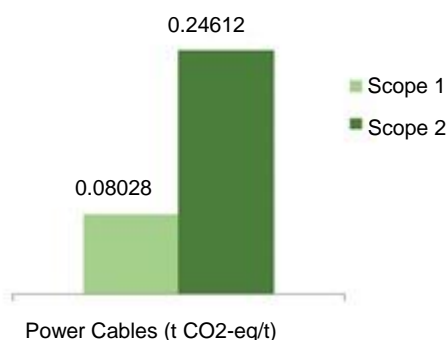
Also in 2017, the Prysmian Group purchased of Origin Guarantee certificates from some European suppliers, increasing the share of the electricity consumed by the Group from renewable sources and reducing the corresponding CO₂ emissions according to the Market-based calculation method. This initiative contributed to the decrease in CO₂ emissions generated by the Group by 7.2% compared to 2016.



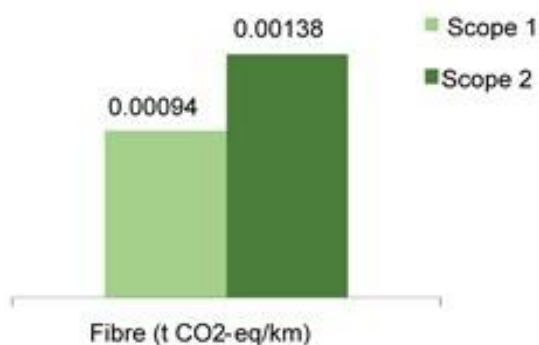
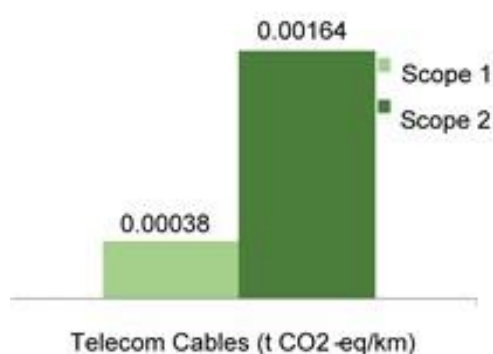
SCOPE 2 CO2 EMISSIONS Location-based and Market-based in 2017 (tCO2eq)

EMISSIONS (tCO2eq)	2017				2016	2015
	Power Cables	Telecom Cables	Accessories	Optical fibre	Group	Group
Emissions Scope 1	97,117	14,473	80,342	36,925	228,857	240,615
Direct emissions deriving from the combustion of fuel	62,417	12,228	2,569	36,759	113,973	112,539
Direct emissions deriving from the escape of refrigerant gas	3,359	2,245	117	166	5,887	3,308
Direct emissions deriving from the release of SF6	31,340	-	77,657	-	108,997	124,768
Emissions Scope 2 Location-based	304,534	55,984	5,917	54,008	420,443	442,947
Emissions Scope 2 Market-based	226,739	51,896	4,488	37,300	320,422	-
Indirect emissions deriving from the purchase of energy, mostly electricity	304,534	55,984	5,917	54,008	420,443	442,947
Total Location-based	401,651	70,456	86,259	90,933	649,299	683,562
Total Market-based	323,856	66,368	84,830	74,225	549,279	-

SCOPE 1 AND SCOPE 2 CO2 EMISSIONS PER TONNE OF PRODUCT (tCO2eq/t)



SCOPE 1 AND SCOPE 2 CO₂ EMISSIONS PER Km OF PRODUCT (tCO₂eq/km)



Product lines	Direct emissions deriving from the combustion of fuel	Direct emissions deriving from the escape of refrigerant gas	Direct emissions deriving from the release of SF6	Emissions Scope 1	Scope 2 - Indirect emissions deriving from the purchase of energy, mostly electricity	Emissions Scope 2	Total
Power Cables (t CO₂-eq/t)	0.05160	0.00278	0.02591	0.08029	0.24612	0.24612	0.32640
Telecom Cables (t CO₂-eq/km)	0.00032	0.00006	-	0.00038	0.00146	0.00146	0.00202
Fibre (t CO₂-eq/km)	0.00094	0.000004	-	0.00094	0.00138	0.00138	0.00232

WASTE

The principal types of waste generated by productive activities have been split into specific categories, classifying their level of danger (hazardous waste and non-hazardous waste) according to the related classification system, regardless of the waste's country of origin and disposal. An exception is made for certain types of waste (such as laboratory chemicals), whose allocation among the categories depends on local regulatory requirements.

Overall, the total quantities of waste disposed of increase by about 6%, to which the categories optical fibre and accessories contribute, while - if compared to the product - the plants of the major product categories - "Power Cables" and "Telecom Cables" - are largely stable. It should be noted that the part of waste classified as hazardous sees an opposite trend, marking a reduction of around 1.2%.

WASTE DISPOSED OF BY TYPE (Kg)