

Year	No	Project Name	Cable Type	Contractor	Owner	Service Provided	Laying	Trenching	Jetting	Mattresses	CIS	WD
2002	K111	Isle of Man (England)	Power 3x90kV & 1 FO bundled	Pirelli Cavi e Sistemi Energia	Manxcable	Offshore Protection		2300m @ 1.0m		600m		15m
2004	K137	Basslink (Australia)	Power 400 kV DC MI & Metallic Return in bundle	Pirelli Cavi e Sistemi Energia	Basslink Pty	Offshore Protection		54635m @ 0.5m				80m
2006	K183	Corfu - Mainland (Greece)	Power 4x150kV & 2 FO bundled	Nexans Norway	PPC	Landing - Offshore Protection		26960m @ 1.0m	1000m @ 2.0m			20m
2008	K217	Sapei - Phase 1 (Italy)	Power 500 kV HVDC MI	Prysmian Cavi e Sistemi Energia	Terna	Offshore Protection		53725m @ 0.5m	194685m @ 1.0m			680m
2010	K326	Sapei - Phase 2 (Italy)	Power 500 kV HVDC MI	Assodivers	Terna	Offshore Protection		47360m @ 0.5m	165000m @ 1.0m			680m
2011	K237	Cometa Project (Spanish Peninsula-Mallorca)	Power 2x250 kV HVDC MI & a Metallic Return bundled with a FO	Prysmian Cavi - Nexans Norway	Red Electrica Espana	Offshore Protection		37025m @ 1.0m and 0.5m		1925m		125m
2012	K293	Messina II Project - Circuit 1 - 2nd Campaign (Italy-Sicily)	Power 3x380kV HVAC & 2 FO	Prysmian PowerLink Srl	Terna	Offshore Protection		2550m @ 0.5m	82000 @ 1.0m	800m		375m
2013	K293	Messina II Project - Circuit 2 - (Italy- Sicily)	Power 3x380kV HVAC & 2 FO	Prysmian PowerLink Srl	Terna	Offshore Protection		4600m @ 0.5m	130790m @ 1.0m	1450m		375m
2015	K218	Mallorca-Ibiza Interconnection (Spain)	Power 132kV HVAC Composite	Prysmian PowerLink Srl	Red Electrica Espana	Offshore Protection	40845m	10100m @ 0.6m and 1.0m	37650 @ 1.0m			120m
2015	K381	St. George Island Wind Farm (Greece)	Power 150kV 3x300mm <sup>2</sup> composite	Hellenic Cables S.A.	Terna Energy S.A.	Cable Transportation – Installation – Protection	36200m	14080 @ 0.5m and 1.0m	36520 @ 1.0m	95m	200m	215m
2016	K384	Cyclades Project (Lavrio-Syros) – Lavrio (Greece)	Power 3-pole 150kV composite	Prysmian PowerLink Srl	ADMIE (IPTO)	Cable Protection – Landing Assistance		1080m @ 1.0m and 2.0m				50m
2016	K503	Çanakkale 2 Project (Turkey)	Power 6 x380kV HVAC & 2 FO	Prysmian PowerLink Srl	TEIAS	Offshore protection		1350m @ 0.75m	32000m @ 1.5m	1320m		85m
2018	K721	Rampion OWF (English Channel)	Power 1x 3-core 150kV HVAC XLPE (1200mm <sup>2</sup> Al & 1600mm <sup>2</sup> Al)	Assodivers	Rampion Offshore Wind Ltd	Cable Transportation – Landing – Pull-in on platform – Installation – Protection	15870m	12530m @ 1.0m	3805m @ 1.0m			25m
2019	K424	Kafireas Interconnection (Greece)	Power 1x 150kV HVAC XLPE Composite	Fulgor S.A. Hellenic Cables Industry	Wind Farms Anatoli Prinia S.A.	Cable Transportation – Landing – Installation – Protection	44915m	550m (Pre) & 9880m (Post) @ 0.5m, 1.0m, 1.6m and 2.0m	61915m @ 1.0m	90m	410m	85m
2019	K640	IFA2 HVDC (UK/France)	Power 2x HVDC & 1x FO cables bundled	Prysmian PowerLink Srl	National Grid and Réseau de Transport d'Electricité (RTE)	Cable Protection		105275m @ 1.0m, 1.5m and 2.0m				70m
2019	K769	Rion – Antirion (Greece)	6x Power 400kV HVAC & 6x FO (each Power bundled with one FO)	Fulgor S.A. Hellenic Cables Industry	ADMIE (IPTO)	Cable Transportation – Installation – Protection	19330m	14505m @ 1.0m and 0.5m	685m @ 1.0m and 0.5m	90m	2480m	75m
2019	K724	Evia – Andros – Tinos (Greece)	Power 1x 150kV HVAC XLPE Composite	Prysmian PowerLink Srl	ADMIE (IPTO)	Cable Protection – Landing Assistance – Mattresses Installation		1670m @ 0.5m, 1.0m and 2.0m		20m	240m	30m
2019-2020	K812	Lavrio – Syros II (Greece)	Power 1x 150kV HVAC XLPE Composite	Nexans Norway AS	ADMIE (IPTO)	Cable Protection – Landing Assistance		3560m (Pre) & 5660m (Post) @ 0.5m, 1.0m, 1.6m and 2.0m	2110m @ 1.0m	80m		100m
2020	K836	Mantoudi-Skiathos (Greece)	Power 1x 150 kV HVAC XLPE 3x 630mm <sup>2</sup> Cu	Fulgor S.A. Hellenic Cables Industry	ADMIE (IPTO)	Cable Transportation – Landing – Installation – Protection	29110m	1135m (Pre) & 3360m (Post) @ 0.5m, 1.0m, 1.6m and 2.0m	31820m @ 1.0m	70m	890m	260m

### Notes:

- [K137 – Basslink Project](#)  
Trenching operations involved cemented sands with shear strength of approximately 50 MPa, depending on the thickness and compactness of the layer.
- [K237 – Cometa Project](#)  
Trenching operations involved calcareous rocks of different structures with a shear strength of approximately 50 MPa.
- [K217/K326 – Sapei Project](#)  
Trenching operations involved outcropping and subcropping rocks of biogenic origin with a shear strength occasionally higher than 50 MPa.

### Protection by means of trenching

AssoTrencher IV series	412km
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- K293 – Messina II Project  
Trenching operations involved irregular bedrock underneath the thin top sandy layer with a shear strength occasionally higher than 50 MPa.
- K218 – Mallorca-Ibiza Interconnection  
Trenching operations involved Rock outcrops and subcropping rock with a strength of approximately 50 MPa.
- K381 – St. George Island Wind Farm  
Trenching operations involved weathered Sandstone, Breccia and stiff Clay of  $C_u > 200$  kPa.
- K384 – Cyclades Project – Lavrio Side  
Trenching operations involved beach-rock and compacted layer.
- K503 – Çanakkale 2 Project  
Trenching operations involved subcropping/outcropping very coarse sediments (loose gravel / pebbles / cobbles).
- K721 – Rampion OWF Project  
Trenching operations involved chalk bedrock, silty/clay bedrock and paleochannel with veneer of sand/ gravel/ cobbles.  $S_u$  scales up to 450kPa.
- K424 – Kafireas Interconnection (Greece)  
Trenching operations involved Dense to very dense SAND and gravelly SAND with segments of loose SAND on top layers. Maximum  $S_u$  up to 50 kPa and  $DR_{max}$  100%.
- K769 – Rion – Antirion  
Trenching operations involved clayey SAND with gravels and cobble and stones of Coral.  $S_u$  ranges between 80 - 300kPa
- K640 – IFA2 HVDC (UK/France)  
Trenching operations involved SANDs, gravelly SANDs or GRAVELs overlying CHALKs or ultra/extremely high strength CLAYs.  $S_u$  scales up to 700kPa
- K812 – Cyclades Phase C (Lavrio – Syros II)  
Trenching operations involved, SAND and stiff SAND or gravelly seabed with rocky areas/outcrops.