



# HVDC Projects

## WETS'15 Workshop

*Organization: Jicable and Prospective 2100  
Palais des Congrès de Versailles, France  
Thursday, 25 June 2015*

Paul Penserini  
Line expertise Director,  
Rte, France

# HVDC cable : In operation or awarded

In operation and Awarded Projects							
Country	Name	Year	Power (MW)	Voltage (kV)	Technology	Insulation	Total length (km)
FR/ES	France-Spain Interconnection	2015	2000	320	2*Bipole	XLPE	65
DE	HELWIN 1	2015	576	250	Bipole	XLPE	130
DE	HELWIN 2	2015	690	320	Bipole	XLPE	130
SE/LT	NordBalt (SwedLit)	2015	700	300	Bipole	XLPE	450
DE	SYLWIN 1	2015	864	320	Bipole	XLPE	185
UK	Western Link	2015	2200	600	Bipole	MI-PPL	424
DE	DOLWIN 3	2017	900	320	Bipole	XLPE	161
IT/ME	Italy-Montenegro (MONITA)	2017	1000	500	Bipole	MI	415
ID	Java - Sumatra	2017	3000	500	Bipole		40
UK/DE	NEMO	2017	1000	400	Bipole	XLPE	142
UK	Caithness-Moray (CMS)	2018	1200	320	Bipole Multiterminal	XLPE	161
UK	Shetland (CMS)	2018	600	300	Bipole Multiterminal	XLPE	345
DE	BORWIN 3	2019	900	320	Bipole	XLPE	159
NO/DE	NORD.Link	2019	1400	525	Bipole	MI	568
FR/IT	Savoie-Piemont	2019	1200	320	2*Bipole	XLPE	190
CH/IT	Green Connector	?	1000	400	Bipole		
KR	Dangjin (Seoul) South Korea		1500	500			

# HVDC cable : planned projects

## Planned Projects

Country	Name	Year	Power (MW)	Status
NO/DE	NorGer	2015	1400	
FR/UK	ELECLINK	2016		decided
CA/US	Champlain Hudson Power Project (CHPE)	2017	1000	Tender
BE/DE	ALEGRO	2019	950/1200	
DK/NL	COBRA Cable	2019	700	Tender
UK	Hornsea (Heron Wind et Njord)	2020	1000	
UK	Hornsea 2 (Breezea et Optimus Wind)	2020	1000 / 1800	
FR/UK	IFA2	2020	1000	decided
FR	MIDI-PROVENCE	2020		decided
NO/UK	Norway-UK (NSN)	2020	1400	
UK/DK	Viking Link	2020	1000	
ES/MA	Fuerteventura - Maroc in DC ?	2020	400	
FR/UK	FAB	2022	1400	decided
	Iceland - UK (Icelink)	2022	?	
DE	Borwin 8	2029	900	
UK	Eastern Link	?	2000	
IT/FR	SACOI 3	?	600	

Thank you for your attention

