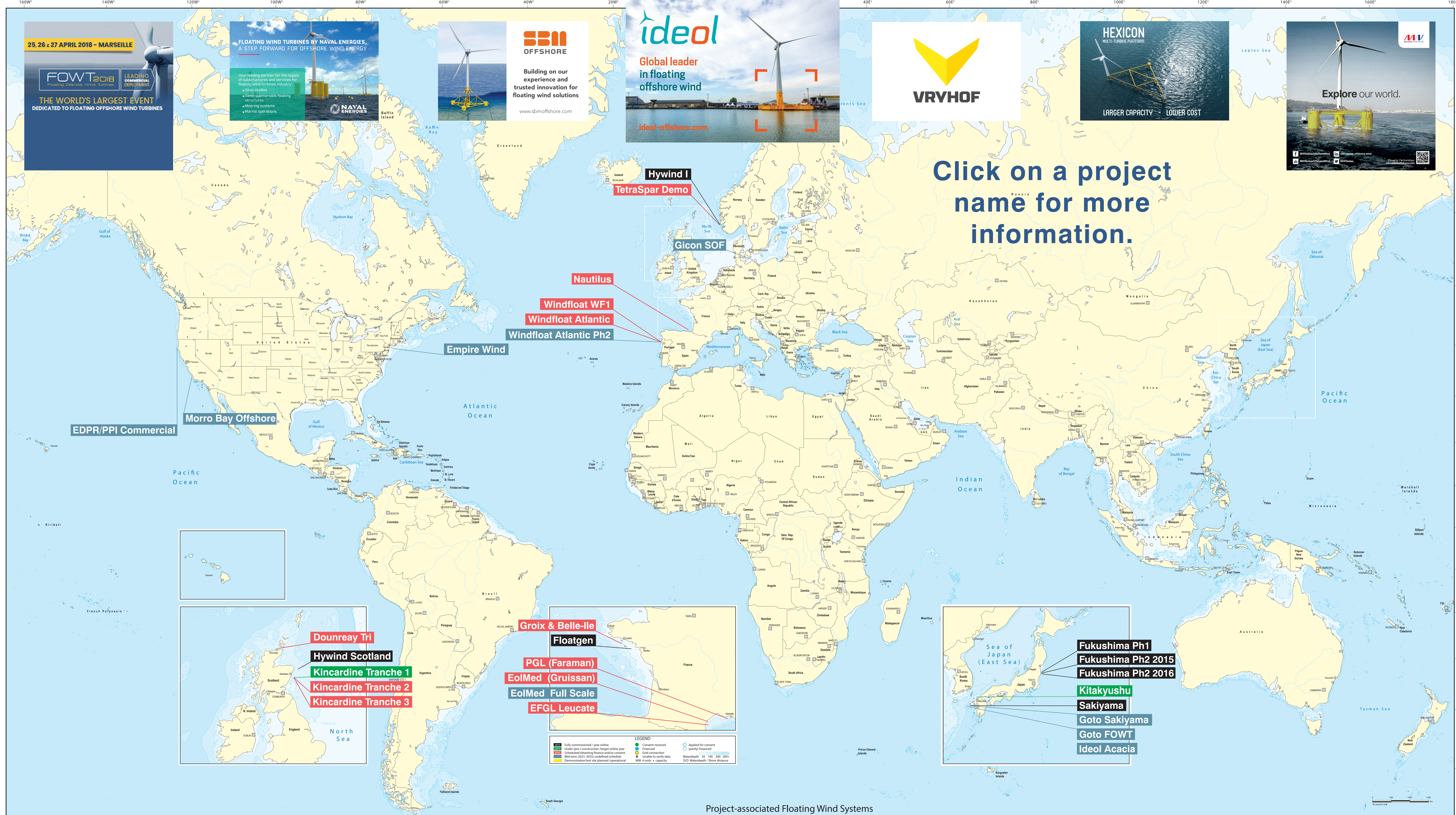




Project	Operator	System	Turbine	MW	D/D	Mooring	Status	Project	Operator	System	Turbine	MW	D/D	Mooring	Status	Project	Operator	System	Turbine	MW	D/D	Mooring	Status	Project	Operator	System	Turbine	MW	D/D	Mooring	Status				
FRANCE																																			
1	Floatgen	Floatgen	Ideal Damping Pool	Vestas	2	30 - 20	Cat/Taut 6	2018	1	Fukushima Ph1	Marubeni	Semsub Mirai	Hitachi	2	120 - 20	Category 6	2018	1	Hywind Scotland	Hywind Scotland	Spar Roator	Siemens	5 x 6	100 - 25	Category 3	2018	1	Hywind Scotland	Hywind Scotland	Spar Roator	Siemens	5 x 6	100 - 25	Category 3	2018
2	Groix/Belle-Ile	EDPR / CDEE	Naval Sea Reed	GE Energy	4 x 6	70 - 20	Semi-taut 6	2018	2	Fukushima Ph2	Marubeni	Semsub Shimpuu	Hitachi	7	120 - 20	Category 6	2018	2	Kinacardine	Kinacardine	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	2	Kinacardine	Kinacardine	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018
3	EolMed (Gruissan)	EDPR	Ideal Damping Pool	Servion	4 x 6.2	50 - 15	Category 6	2018	3	Fukushima Ph2	Marubeni	Spar Hanakaze	Hitachi	5	120 - 20	Category 6	2018	3	Dounreay Tri	Dounreay Tri	HEXCON RES	HEXCON	2 x 5	62 - 15	Category 4	2018	3	Dounreay Tri	Dounreay Tri	HEXCON RES	HEXCON	2 x 5	62 - 15	Category 4	2018
4	PGL (Faraman)	EDPR	Ideal Damping Pool	Siemens	3 x 8	90 - 22	Taut 3	2018	4	Sakiyama	Goto	Spar (from Kabaishima)	Hitachi	2	100 - 5	Category 3	2018	4	Kinacardine	Kinacardine	HEXCON RES	HEXCON	8 x 6.15	62 - 15	Category 4	2018	4	Kinacardine	Kinacardine	HEXCON RES	HEXCON	8 x 6.15	62 - 15	Category 4	2018
5	EDPR (Leucate)	EDPR	Ideal Damping Pool	Haliade	4 x 6	70 - 20	Category 4	2018	5	Kitakyushu NEDO	Marubeni	Ideal Damping pool	Hitachi	3	70 - 1.5	Cat/Taut 6	2018	5	Atlantis / Ideal	Atlantis / Ideal	Ideal Damping Pool	Atlantis / Ideal	100		Category 4	2018	5	Atlantis / Ideal	Atlantis / Ideal	Ideal Damping Pool	Atlantis / Ideal	100		Category 4	2018
6	Quadrant Commercial	SDM-REV	Quadrant / Ideal	SDM-REV	500			2018	6	Fukushima Comm.	Marubeni	Sem-sub	IGW	120 - 30	1GW		2018	6	Atlantis commercial	Atlantis commercial	Ideal Damping Pool	Atlantis commercial	1.5 GW		Category 4	2018	6	Atlantis commercial	Atlantis commercial	Ideal Damping Pool	Atlantis commercial	1.5 GW		Category 4	2018
7								2018	7	Goto Sakiyama	Goto	Concrete SPAR	Concrete	8 x 2	100 - 8		2018	7	TLP Wind UK	TLP Wind UK	TLP	Scottish Gov.	5	81 - 25	Tethered 3	2018	7	TLP Wind UK	TLP Wind UK	TLP	Scottish Gov.	5	81 - 25	Tethered 3	2018
GERMANY																																			
1	Gicon SOF	Gicon	TLP	Siemens	2.3	18 - 21	Tether 4 / Taut 4	2018	KOREA (South)								1	SeaTwirl S1	SeaTwirl	OffshoreVast					2018	1	SeaTwirl S1	SeaTwirl	OffshoreVast					2018	
2								2018	2	Dongbu	Halla Wind	GustoMSC Tri-Roat	100				2018	2	Aquila Flat	Aquila Flat	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	2	Aquila Flat	Aquila Flat	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018
IRELAND																																			
1	Gaelictrac / Ideal	Gaelictrac	Ideal Damping Pool		15			2018	NORWAY								1	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	1	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	
2	Gaelictrac Commercial	Gaelictrac	Ideal Damping Pool		1.5 GW			2018	2	Hywind I	Statkraft	Spar Roator	Siemens	2.3	200 - 7	Category 3	2018	2	Empire Wind	Empire Wind	HEXCON RES	HEXCON	1.5 GW	100 - 130	Category 3	2018	2	Empire Wind	Empire Wind	HEXCON RES	HEXCON	1.5 GW	100 - 130	Category 3	2018
UNITED STATES																																			
1	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	1	Unison / KETEP	Unison	Unison 750	0.75			2018	1	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	1	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	
2	SeaTwirl S2	SeaTwirl	OffshoreVast					2018	2	Dongbu	Halla Wind	GustoMSC Tri-Roat	100			2018	2	Aquila Flat	Aquila Flat	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	2	Aquila Flat	Aquila Flat	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	
UNITED KINGDOM																																			
1	Hywind Scotland	Hywind Scotland	Spar Roator	Siemens	5 x 6	100 - 25	Category 3	2018	1	Hywind I	Statkraft	Spar Roator	Siemens	2.3	200 - 7	Category 3	2018	1	Hywind Scotland	Hywind Scotland	Spar Roator	Siemens	5 x 6	100 - 25	Category 3	2018	1	Hywind Scotland	Hywind Scotland	Spar Roator	Siemens	5 x 6	100 - 25	Category 3	2018
2	Kinacardine	Kinacardine	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	2	TetraSpar Demo	Statkraft	Sway Spar	Siemens	2.6	200 - 7	Tethered 1	2018	2	Kinacardine	Kinacardine	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018	2	Kinacardine	Kinacardine	HEXCON RES	HEXCON	1 x 2	62 - 15	Category 4	2018
3	Dounreay Tri	Dounreay Tri	HEXCON RES	HEXCON	2 x 5	62 - 15	Category 4	2018	3	SWAY Test 2.6 MW	SWAY	Cat 3 test site				2018	3	Dounreay Tri	Dounreay Tri	HEXCON RES	HEXCON	2 x 5	62 - 15	Category 4	2018	3	Dounreay Tri	Dounreay Tri	HEXCON RES	HEXCON	2 x 5	62 - 15	Category 4	2018	
4	Kinacardine	Kinacardine	HEXCON RES	HEXCON	8 x 6.15	62 - 15	Category 4	2018	4	Stadthavn	Traener vest					2018	4	Kinacardine	Kinacardine	HEXCON RES	HEXCON	8 x 6.15	62 - 15	Category 4	2018	4	Kinacardine	Kinacardine	HEXCON RES	HEXCON	8 x 6.15	62 - 15	Category 4	2018	
5	Atlantis / Ideal	Atlantis / Ideal	Ideal Damping Pool	Atlantis / Ideal	100		Category 4	2018	5	Traener vest						2018	5	Atlantis / Ideal	Atlantis / Ideal	Ideal Damping Pool	Atlantis / Ideal	100		Category 4	2018	5	Atlantis / Ideal	Atlantis / Ideal	Ideal Damping Pool	Atlantis / Ideal	100		Category 4	2018	
6	Atlantis commercial	Atlantis commercial	Ideal Damping Pool	Atlantis commercial	1.5 GW		Category 4	2018	6	Stadthavn	Traener vest					2018	6	Atlantis commercial	Atlantis commercial	Ideal Damping Pool	Atlantis commercial	1.5 GW		Category 4	2018	6	Atlantis commercial	Atlantis commercial	Ideal Damping Pool	Atlantis commercial	1.5 GW		Category 4	2018	
7	TLP Wind UK	TLP Wind UK	TLP	Scottish Gov.	5	81 - 25	Tethered 3	2018	7	Stadthavn	Traener vest					2018	7	TLP Wind UK	TLP Wind UK	TLP	Scottish Gov.	5	81 - 25	Tethered 3	2018	7	TLP Wind UK	TLP Wind UK	TLP	Scottish Gov.	5	81 - 25	Tethered 3	2018	
8	OWINZ (N7)	OWINZ (N7)	Development area	Scottish Gov.				2018	8	Traener vest						2018	8	OWINZ (N7)	OWINZ (N7)	Development area	Scottish Gov.				2018	8	OWINZ (N7)	OWINZ (N7)	Development area	Scottish Gov.				2018	
9	Moray Firth Deepwater	Moray Firth Deepwater	Development area	Scottish Gov.				2018	9	Traener vest						2018	9	Moray Firth Deepwater	Moray Firth Deepwater	Development area	Scottish Gov.				2018	9	Moray Firth Deepwater	Moray Firth Deepwater	Development area	Scottish Gov.				2018	
UNITED STATES																																			
1	AquaVentus 1	AquaVentus 1	HEXCON RES	HEXCON	2 x 6	65 - 26	Category 3	2018	1	Hywind I	Statkraft	Spar Roator	Siemens	2.3	200 - 7	Category 3	2018	1	AquaVentus 1	AquaVentus 1	HEXCON RES	HEXCON	2 x 6	65 - 26	Category 3	2018	1	AquaVentus 1	AquaVentus 1	HEXCON RES	HEXCON	2 x 6	65 - 26	Category 3	2018
2	EDPR/PPI Commercial	EDPR/PPI Commercial	HEXCON RES	HEXCON	15x10	500 - 35	Category 4	2018	2	TetraSpar Demo	Statkraft	Sway Spar	Siemens	2.6	200 - 7	Tethered 1	2018	2	EDPR/PPI Commercial	EDPR/PPI Commercial	HEXCON RES	HEXCON	15x10	500 - 35	Category 4	2018	2	EDPR/PPI Commercial	EDPR/PPI Commercial	HEXCON RES	HEXCON	15x10	500 - 35	Category 4	2018
3	Empire Wind	Empire Wind	HEXCON RES	HEXCON	1.5 GW	100 - 130	Category 3	2018	3	SWAY Test 2.6 MW	SWAY	Cat 3 test site				2018	3	Empire Wind	Empire Wind	HEXCON RES	HEXCON	1.5 GW	100 - 130	Category 3	2018	3	Empire Wind	Empire Wind	HEXCON RES	HEXCON	1.5 GW	100 - 130	Category 3	2018	
4	AWH Oahu North	AWH Oahu North	HEXCON RES	HEXCON	50 x 8	1200		2018	4	Stadthavn	Traener vest					2018	4	AWH Oahu North	AWH Oahu North	HEXCON RES	HEXCON	50 x 8	1200		2018	4	AWH Oahu North	AWH Oahu North	HEXCON RES	HEXCON	50 x 8	1200		2018	
5	AWH Oahu South	AWH Oahu South	HEXCON RES	HEXCON	50 x 8	1300		2018	5	Traener vest						2018	5	AWH Oahu South	AWH Oahu South	HEXCON RES	HEXCON	50 x 8	1300		2018	5	AWH Oahu South	AWH Oahu South	HEXCON RES	HEXCON	50 x 8	1300		2018	
6	Morro Bay Offshore	Morro Bay Offshore	HEXCON RES	HEXCON	100 x 7			2018	6	Traener vest						2018	6	Morro Bay Offshore	Morro Bay Offshore	HEXCON RES	HEXCON	100 x 7			2018	6	Morro Bay Offshore	Morro Bay Offshore	HEXCON RES	HEXCON	100 x 7			2018	

Floating Wind Energy Projects of the World 2018

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