

BELGIUM

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Thornton Bank phase 1	Off Zeebrugge	30	6	12 to 27	27 to 30	2008	Repower	C-power (RWE Innogy)	Gravity	GeoSea
TOTAL		30								

DENMARK

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Vindeby	NW of Vindeby, Lolland	4,95	11	2,5 to 5	2,5	1991	Siemens	Dong Energy	Gravity	
Tunø Knob	Off Aarhus, Kattegat Sea	5	10	0,8 to 4	6	1995	Vestas	Dong Energy	Gravity	
Middelgrunden	Oresund, E of Copenhagen	40	20	2 to 6	2	2001	Siemens	Dong Energy	Gravity	MT Højgaard
Horns Rev 1	NW of Esbjerg	160	80	6 to 14	14	2002	Vestas	Vattenfall, Dong	Jacket	SIF, Smulders, MTHS Entreprenør
Nysted	Off Rødsand, Lolland	165,6	72	6 to 10	6 to 10	2003	Siemens	E.On, Dong Energy Samsø	Gravity	Per Aarsleft
Samsø	Palludan Flak, S of Samsø	23	10	11 to 18	3,5	2003	Siemens	Kommune	Monopile	Bladt Industries
Frederikshavn	Frederikshavn Harbour	10,6	4	3	0,8	2003	Vestas, Bonus Nordex	Dong Energy		
Horns Rev 2	Blåvandshuk	209	91	9 to 17	30	2009	Siemens	Dong Energy	Monopile	Bladt, Per Aarsleft & Bilfinger Berger
Storebaelt/Sprogø	N of Sprogø	21	7	6 to 16	2	2009	Vestas	Sund & Baelt	Gravity	Per Aarsleft & Bilfinger Berger
TOTAL		639,15								

FINLAND

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Kemi Ajos phases 1+2	Ajos Harbour	24	8	3	<1	2008	WinWind	Pohjolan Voima	Gravity	
TOTAL		24								

GERMANY

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Enova offshore - Emden	Ems River in Emden	4,5	1		<1	2004	Enercon	Enova, EWE		
Breitling	Rostock Harbour	2,5	1	2	1	2006	Nordex	Nordex AG		
Hooksiel	Hooksiel Harbour	5	1	2 to 8	0,4	2008	Bard	Bard-Group	Tripod	Bard
Alpha Ventus - Borkum West	N of Borkum	30*	6	30	43	2009	Multibrid	DOTI (EWE, E.On, Vatenfall)	Tripod	Aker, BiFab
TOTAL		42								

IRELAND

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Arklow Bank	Off Arklow, Co Wicklow	25,2	7	2.5 to 5	10	2004	GE	GE	Monopile	Sif, Smulders
TOTAL		25,2								

NETHERLANDS

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Lely	Medemblik, IJsselmeer	2	4	7,5	0,75	1994	Nedwind	Nuon	Monopile	
Irene Vorrink	Dronten, IJsselmeer	16,8	28	2	0,03	1996	NordTank	Nuon	Monopile	
Offshore Wind Farm Egmond aan Zee	Off Egmond aan Zee	108	38	19 to 22	8 to 12	2007	Vestas	NoordzeeWind	Monopile	Bladt
Prinses Amalia	Off IJmuiden	120	60	19 to 24	23	2008	Vestas	Econcern, Eneco	Monopile	Sif, Smulders
TOTAL		246,8								

NORWAY

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Floating Hywind	Off Karmoy	2,3	1	220	12	2009	Siemens	Statoil	Floating	
TOTAL		2,3								

*Wind farm only partially grid connected on 31 December 2009

SWEDEN

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Bockstigen	Gotland	2,75	5	6 to 8	3	1998	NEG-Micon		Monopile	
Utgrunden I	Kalmarund	10,5	7	4 to 10	7	2001	GE	Vattenfall	Monopile	
Yttre Stengrund	Kalmarund	10	5	8 to 12	4	2002	NEG-Micon	Vattenfall	Monopile	
Lillgrund	Oresund Straight	110,4	48	2,5 to 9	10	2007	Siemens	Vattenfall	Gravity	Hochtief
Gässlingegrund	Vänern	30	10	4 to 10	4	2009	WinWind	Vindpark Väners	Gravity	PEAB
TOTAL		163,65								

UNITED KINGDOM

ONLINE

Project Name	Location	Capacity	N° of Turbines	Water depth	Distance to shore	Online	WT manufacturer	Owner/operator	Foundation type	Foundation supply
Blyth Offshore	Blyth Harbour	4,0	2	6	1	2000	Vestas	E.On	Monopile	
North Hoyle	Prestatyn and Rhyl	60,0	30	5 to 12	3 to 10	2003	Vestas	Npower (RWE Innogy)	Monopile	Sif, Smulders
Scroby Sands	NE of Greater Yarmouth	60,0	30	2 to 10	2,5	2004	Vestas	E.On	Monopile	
Kentish flats	Off Whitstable	90,0	30	5	8,5	2005	Vestas	Vattenfall	Monopile	MT Højgaard, Sif, Smulders
Barrow	Off Walney Island	90,0	30	21 to 23	7	2006	Vestas	Dong, Centrica	Monopile	Sif, Smulders, KBR
Beatrice	Oilfield, Moray Firth	10,0	2	40	25	2007	Repower	Scottish and Southern, Talisman	Jacket	BiFab
Burbo Bank	Crosby	90,0	25	10	5,2	2007	Siemens	Dong	Monopile	MT Højgaard
Inner Dowsing	Ingoldmells/ Skegness	97,2	27	10	5	2008	Siemens	Centrica	Monopile	MT Højgaard
Lynn	Ingoldmells/ Skegness	97,2	27	10	5,2	2008	Siemens	Centrica	Monopile	MT Højgaard
Rhyl Flats	Rhyl	90	25	4 to 15	8	2009	Siemens	Npower (RWE)	Monopile	MT Højgaard
Robin Rigg	Maryport, Rock Cliffe	90*	30	>5	9,5	2009	Vestas	E.On	Monopile	MT Højgaard
Gunfleet Sands 1 and 2	Clacton-on-Sea	104,4*	29	2 to 15	7	2009	Siemens	Dong	Monopile	MT Højgaard
TOTAL		882,8								

TOTAL CAPACITY**2055,9**

*Wind farm only partially grid connected on 31 December 2009