

Non-UK European Offshore Low Carbon Projects

Complete Project Directory — 47 Projects Across 10 Sectors

Prepared by [ExportCentral AI](#) for North East Scotland Energy Supply Chain Companies

April 2026

Source: [Offshore Low Carbon Market Opportunities in Europe Report](#)

Overview

This document provides a comprehensive directory of 47 non-UK European offshore low carbon projects, spanning 10 sectors and 13 countries. These projects represent a combined estimated CAPEX of approximately €190 billion and cover the full spectrum of low carbon energy defined as:

Offshore Wind (fixed and floating), CCUS, Green Hydrogen, Solar Marine — Wave & Tidal, Hydropower, Clean Fuels (biofuel and SAF), Decommissioning, and Geothermal.

Projects range from FEED and procurement stages through to EPC and operational assets. All data is sourced from the [Offshore Low Carbon Market Opportunities in Europe report \(April 2026\)](#).

Please Note: While Geothermal is included here, there is a separate report available for this sector on the [ExportCentral AI](#) web site.

47 PROJECTS	13 COUNTRIES	10 SECTORS	~€190B+ EST. CAPEX
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Offshore Wind — Fixed Bottom

15 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
1	Nordseecluster (Nordlicht I & II)	Germany	1.6 GW	€3–4B	Under Construction	2027–2028	RWE, Vestas
2	IJmuiden Ver Zone	Netherlands	6 GW	~\$9B	FEED/Procurement	2029–2032	RVO, multiple developers
3	Baltica 2	Poland	1.5 GW	€4–5B	FID/EPC	2027–2028	PGE, Ørsted
4	Baltica 3	Poland	1.2 GW	€3–4B	FID/EPC	2028	ORLEN, Northland Power
5	Thor Offshore Wind Farm	Denmark	1,000 MW	~€3B	Under Construction	2027	RWE
6	Borssele Wind Farm Zone	Netherlands	1.6 GW	Operational	Operational	Operational	Ørsted, Shell, Eneco
7	Princess Elisabeth Zone	Belgium	3.5 GW	€8–10B	Planning/Tender	2030+	Belgian Government
8	EMYN (Yeu-Noirmoutier)	France	496 MW	~€2B	Under Construction	2027–2028	Ocean Winds
9	Doordewind Site II	Netherlands	2 GW	€4–5B	Planning	2031+	Dutch Govt/TenneT
10	Danish 2.8 GW Tender	Denmark	2.8 GW	€7.3B	Tender Phase	2032–2034	TBD (CfD auction)
11	Sylen Offshore Wind Plant	Sweden	8,675 MW	~\$13B	Planning	2033	SVEA/IG, Iberdrola
12	Eystrasalt	Sweden	3,900 MW	\$9.6B	Development	2032+	Skyborn Renewables
13	Erik Segersall	Sweden	6,000 MW	~\$9B	Planning	2033+	Deep Wind Offshore
14	Galatea-Galene	Sweden	1,700 MW	€3–4B	Development	2031	OX2
15	Polish Phase II Auctions	Poland	4 GW	€10–12B	Auction/Planning	2030–2035	Multiple developers

Offshore Wind — Floating

6 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
16	Utsira Nord	Norway	1.5 GW	€5–7B	Development	2030+	Equinor-led
17	Med Wind	Italy	2,800 MW	\$9.8B	Development	2030+	Renexia
18	Provence Grand Large (expansion)	France	500+ MW	€2–3B	FEED	2029+	EDF Renewables
19	French Mediterranean Floating Tenders	France	3–5 GW	€10–15B	Planning/Tender	2030–2035	Multiple developers
20	Portuguese Floating Wind Round	Portugal	2+ GW	€6–8B	Planning	2030+	Multiple developers
21	Italian Floating Wind Pipeline	Italy	5+ GW	€15–20B	Various	2030–2040	Multiple developers

Offshore Wind — Fixed/Hybrid

1 project

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
22	Sørlige Nordsjø II	Norway	3 GW	€6–8B	Development	2030+	Norwegian Government

CCUS — Carbon Capture, Utilisation & Storage

7 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
23	Northern Lights Phase 2	Norway	5+ Mt CO ₂ /yr	€3–4B	Under Development	2028+	Equinor, Shell, TotalEnergies
24	Porthos	Netherlands	2.5 Mt CO ₂ /yr	€1.5B	Under Construction	2026	Port of Rotterdam consortium
25	Aramis	Netherlands	5+ Mt CO ₂ /yr	€639M+	Development	2027	Shell-led consortium
26	Ravenna CCS Hub (Phase 2)	Italy	4 Mt CO ₂ /yr	€2–3B	Development/FID	2030	Eni, Snam
27	Project Greensand (expansion)	Denmark	1.5+ Mt CO ₂ /yr	€1–2B	Development	2028+	INEOS-led consortium
28	Belgian CCUS Hub	Belgium	3+ Mt CO ₂ /yr	€2–3B	Planning/FEED	2029+	Antwerp cluster
29	German CCUS Pipeline Projects	Germany	10+ Mt CO ₂ /yr	€5–8B	Various stages	2030+	Multiple emitters

Green Hydrogen

5 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
30	BrintØ Green Hydrogen Island	Denmark	10 GW electrolysis	Multi-billion	Under Construction	2030	CIP
31	Aqua Ventus	Germany	10 GW electrolysis	€6B	Under Construction	2030	RWE Renewables
32	Holland Hydrogen I	Netherlands	200 MW electrolysis	€150M	Under Construction	2025–2026	Shell
33	HOPE	Belgium	10 MW (demo)	EU-funded	Development	2028+	Multi-partner consortium
34	Repsol Green H2 Spain	Spain	100 MW	€300M+	FID	2027+	Repsol

Marine Energy — Wave & Tidal

3 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
35	FloWatt	France	17 MW	€51M + €75M	Development	2027–2028	HydroQuest/Qair
36	NH1 Normandie Hydroliennes	France	12 MW	Raz Blanchard funding	Development	2027–2028	Normandie Hydroliennes
37	ONDEP WaveRoller	Portugal	2 MW	€19M	Development	2027+	AW-Energy

Hydropower — Pumped Storage

4 projects

#	Project	Country	Capacity	Est. CAPEX	Status	Target Date	Key Stakeholders
38	Austrian PSH Programme	Austria	1.3 GW + 2.8 GW pipeline	€5B	Construction/Dev	2025–2035	Verbund, others
39	Italian PSH Pipeline	Italy	~4 GW	€6–8B	Development	2028–2035	Enel, others
40	Greek PSH Programme	Greece	3+ GW	€4–5B	Development	2030+	PPC, others
41	Aguayo PSH Expansion	Spain	1,000 MW	\$800M	Development	2028+	Endesa

Decommissioning

3 projects

#	Project	Country	Scale	Est. CAPEX	Status	Target Date	Key Stakeholders
42	Norwegian Decom Programme	Norway	50+ platforms by 2030	\$3–4B	Ongoing	2025–2035	Equinor, Aker BP, ConocoPhillips
43	Dutch North Sea Decom	Netherlands	30+ platforms	\$2–3B	Ongoing	2025–2035	NAM, Shell, TotalEnergies
44	Danish Decom Programme	Denmark	20+ assets	\$1–2B	Ongoing	2025–2035	TotalEnergies, INEOS

Geothermal

2 projects

#	Project	Country	Scale	Est. CAPEX	Status	Target Date	Key Stakeholders
45	Graben-Neudorf Geothermal	Germany	Thermal/power	Undisclosed	Demonstration	2026+	Deutsche Erdwärme
46	QHeat Drilling Programme	Netherlands	Multiple boreholes	Undisclosed	Operational	Ongoing	QHeat

Clean Fuels / SAF

1 project

#	Project	Country	Scale	Est. CAPEX	Status	Target Date	Key Stakeholders
47	EU eSAF Plant Programme	Multiple EU	4 eSAF + 5 SMF plants	€446M	Development	2028–2032	Multiple developers

Summary by Sector

Sector	Projects	Combined Capacity/Scale	Est. Total CAPEX
Offshore Wind (Fixed)	15	~44 GW	~€85B+
Offshore Wind (Floating)	6	~15 GW	~€50B+
Offshore Wind (Hybrid)	1	3 GW	€6–8B
CCUS	7	~31 Mt CO ₂ /yr	~€15B+
Green Hydrogen	5	~20 GW electrolysis	~€10B+
Marine Energy	3	31 MW	~€145M
Hydropower (PSH)	4	~12 GW	~€16B+
Decommissioning	3	100+ platforms	~\$7B+
Geothermal	2	Various	Undisclosed
Clean Fuels/SAF	1	9 plants	€446M
TOTAL	47	—	~€190B+

Summary by Country

Country	Projects	Sectors Present
Germany	5	Fixed Wind, Green Hydrogen, CCUS, Geothermal
Netherlands	6	Fixed Wind, CCUS, Green Hydrogen, Decommissioning, Geothermal
Poland	3	Fixed Wind
Denmark	5	Fixed Wind, CCUS, Green Hydrogen, Decommissioning
France	5	Fixed Wind, Floating Wind, Marine Energy (Tidal)
Norway	3	Floating Wind, Fixed/Hybrid Wind, CCUS, Decommissioning
Sweden	4	Fixed Wind
Italy	3	Floating Wind, CCUS, Hydropower (PSH)
Belgium	3	Fixed Wind, CCUS, Green Hydrogen

Country	Projects	Sectors Present
Portugal	2	Floating Wind, Marine Energy (Wave)
Spain	2	Green Hydrogen, Hydropower (PSH)
Austria	1	Hydropower (PSH)
Greece	1	Hydropower (PSH)
Multiple EU	1	Clean Fuels/SAF

Source: *Offshore Low Carbon Market Opportunities in Europe Report, April 2026*. All data based on publicly available sources current as of the date of publication.