Europe Offshore

Low-Carbon Intelligence Briefing

Week Ending 29 August 2026 · Non-UK Europe · Prepared for North East Scotland Energy Supply Chain

IN THIS WEEK'S BRIEFING

Executive Summary

The week to 29 August 2026 was defined by three structural developments for the continental European offshore energy supply chain.

First, SLB and OneSubsea were selected on 25 August as strategic reservoir partner and subsea concept and FEED contractor for the Havstjerne offshore CO2 storage project in the Norwegian North Sea, operated by Harbour Energy in partnership with Stella Maris CCS (Yinson Production). The award covers reservoir characterisation, appraisal-well interpretation and subsea injection system concept design (template manifold, all-electric injection trees, controls, umbilical and distribution architecture) around a low-pressure floating storage and injection concept designed to accept industrial CO2 shipped in from continental European emitters. Havstjerne is backed by €225 m of European Commission Innovation Fund support awarded in 2025, and the 2025 appraisal well confirmed reservoir quality.

Second, Van Oord announced on 24 August completion of all 111 monopile foundations at the 1.5 GW Baltica 2 offshore wind farm in Poland for PGE and Ørsted (107 for turbines, 4 for offshore substations; monopiles up to 100 m long, 9.5–10.5 m diameter, ~1,900 t each; installation from Rotterdam via the Svanen and Aeolus vessels).

Third, EnBW completed installation on 24 August of the last of 64 Vestas V236-15.0 MW turbines at the 960 MW He Dreiht project north-west of Borkum (Cadeler Wind Orca), making it Germany's largest operating offshore wind farm and clearing the way for full-load operations by end of summer 2026.

Together, the three announcements crystallise a European offshore fabrication, installation and subsea engineering procurement window for North East Scotland Tier 2/3 suppliers in secondary steel, transition-piece outfitting, high-voltage commissioning, subsea injection systems, ROV inspection, marine warranty and integrated T&I services.

Hydrogen delivery activity accelerated across three geographies.

Siemens Energy announced on 25 August the completion of delivery of all electrolysis modules for the 100 MW PEM Hamburg Green Hydrogen Hub at the former Moorburg coal-fired power station, a Luxcara / Hamburger Energiewerke development supported by the German federal IPCEI Hy2Infra programme; the plant will produce approximately 10,000 t of green hydrogen per year for the Hanseatic industrial cluster from 2027.

Air Products and Nobian signed on 26 August a long-term offtake agreement for RED III-compliant renewable fuel of non-biological origin (RFNBO) hydrogen from a new 14,000 t/yr renewables-powered chlor-alkali electrolyser at the Nobian Rotterdam site, one of the first fully commercial RFNBO offtakes in the Port of Rotterdam.

OMV Petrom announced on 28 August that a second 35 MW electrolyser had been delivered to the Petrobrazi refinery in Romania, taking site capacity to 55 MW and feeding both the refinery hydrogen network and the new 250,000 t/yr sustainable aviation fuel and HVO unit.

In parallel, the German Federal Maritime and Hydrographic Agency (BSH) opened public consultation on 21 August on the draft second amendment to the 2025 Site Development Plan (FEP), with Bundesnetzagentur running a parallel consultation that closed on 24 August. The draft redesigns areas N-10.1 and N-10.2 (2.5 GW combined) with three options for the 2027 auction, adds N-13.1 (0.5 GW) and N-13.2 (1 GW) to the 2027 round (4 GW total), suspends the N-12.4 and N-12.5 tender previously scheduled for 2026, and replaces the fixed 4,000 MW annual target with a flexible 2,000–4,800 MW corridor from 2027 onwards.

Elsewhere across the sector, TotalEnergies confirmed on 25 August its exit from Danish offshore wind: the Danish public utility Sonfor is taking over TotalEnergies' stakes in the Jammerland Bugt and Lillebælt Syd projects, following the company's earlier withdrawal from Nordseeenergies 2 in Germany and the return of two US offshore concessions. Turkey published a draft first offshore wind YEKA tender on 24 August, targeting 1 GW across four Aegean areas as the opening step toward a 5 GW installed target by 2035, with the auction expected in Q1 2027. Statkraft and Hydro Energi signed on 24 August a third 2026 long-term power purchase agreement in Norway (876 GWh/yr in the NO5 price area over 2031–2040, ~8.8 TWh in total, supplying Hydro's aluminium plants). Ambrian Energy and Messer received EU antitrust clearance on 27 August for the CarbonBridge CO2 export terminal at Bremen, targeting 2.3 Mtpa initially and expandable to 4 Mtpa from 2031.

In Norwegian upstream, Equinor brought Troll Phase 3 Stage 2 into production on 22 August, adding 55 bn scm of gas from Troll West several hundred million NOK below budget, and DNO divested non-core assets to Equinor on 25 August for more than $35 m of near-term liquidity.

Floating wind, marine energy and non-UK decommissioning were quiet, and the Saipem – Subsea7 merger carry-over continues to run against the 26 November 2026 European Commission Phase II deadline and the 31 December 2026 Merger Agreement backstop.

Headline Signals — Week Ending 29 August 2026

- SLB and OneSubsea selected as strategic reservoir partner and subsea concept and FEED contractor for the Havstjerne CO2 storage project (25 August) — Norwegian North Sea; Harbour Energy operator; Stella Maris CCS / Yinson Production partner; €225 m EU Innovation Fund 2025 support; low-pressure floating storage and injection concept; subsea injection template, all-electric trees, controls, umbilical and distribution.
- Van Oord completes all 111 monopiles at 1.5 GW Baltica 2 (Poland) for PGE and Ørsted (24 August briefing) — 107 for turbines + 4 for offshore substations; up to 100 m long, 9.5–10.5 m diameter, ~1,900 t each; Svanen and Aeolus vessels from Rotterdam.

- EnBW completes turbine installation at 960 MW He Dreiht — Germany's largest (24 August); all 64 Vestas V236-15.0 MW installed via Cadeler Wind Orca; €2.4 bn zero-subsidy; corporate PPAs with Evonik, Google, Deutsche Telekom, Fraport, Bosch, Salzgitter, SHS, DHL and Deutsche Bahn.
- BSH opens FEP 2nd amendment consultation (21 August, Bundesnetzagentur parallel consultation closes 24 August) — redesigns N-10.1/N-10.2 (2.5 GW), adds N-13.1 (0.5 GW) and N-13.2 (1 GW) to 2027 auction (4 GW total); suspends N-12.4/N-12.5 2026 tender; flexible 2,000–4,800 MW/yr corridor from 2027.
- Siemens Energy completes 100 MW PEM electrolyser delivery to Hamburg Green Hydrogen Hub at former Moorburg coal plant (25 August) — Luxcara / Hamburger Energiewerke; IPCEI Hy2Infra funding; ~10,000 t H2/yr; operations 2027.
- Air Products and Nobian sign long-term RFNBO hydrogen offtake at Rotterdam (26 August) — 14,000 t H2/yr from renewables-powered chlor-alkali electrolyser; RED III compliant; one of first fully commercial Rotterdam RFNBO offtakes.
- OMV Petrom expands Petrobrazi green hydrogen to 55 MW with second 35 MW electrolyser (28 August) — supplies refining and new 250,000 t/yr SAF/HVO unit in Romania.
- Ambrian Energy and Messer receive EU antitrust clearance for CarbonBridge CO2 export terminal at Bremen (27 August) — Germany's first CO2 export terminal; ~2.3 Mtpa initially, expandable to ~4 Mtpa; ops 2031.
- Statkraft and Hydro Energi sign third 2026 PPA (24 August) — 876 GWh/yr NO5 price area 2031–2040 (~8.8 TWh total); low-carbon aluminium for European customers.
- TotalEnergies exits Danish offshore wind — Sonfor takes over Jammerland Bugt and Lillebælt Syd stakes (25 August briefing); Turkey publishes draft first YEKA offshore wind tender — 1 GW across four Aegean areas, 5 GW target by 2035, auction Q1 2027 (24 August).

1. Offshore Wind — Fixed Bottom

Van Oord Completes All 111 Monopiles at 1.5 GW Baltica 2 for PGE and Ørsted — 24 August

Van Oord (Rotterdam) announced during the current window the completion of all 111 monopile foundations at the 1.5 GW Baltica 2 offshore wind farm in the Polish Baltic Sea for the PGE – Ørsted joint venture. The scope included 107 monopiles for turbine positions and 4 monopiles for the offshore substation platforms; individual monopiles are up to 100 m long, between 9.5 m and 10.5 m in diameter and weigh approximately 1,900 t each. Installation was carried out by the heavy-lift vessels Svanen and Aeolus, mobilising from Rotterdam. Baltica 2 will supply approximately 2.5 million Polish households once fully commissioned and consolidates Poland alongside Germany, Denmark and the Netherlands as one of the principal continental commercial-scale European offshore-wind delivery corridors. The monopile completion clears the immediate near-term secondary steel, transition piece, boat landing, corrosion management and offshore commissioning procurement window for the 2026–2027 turbine installation campaign.

> NES SALES OPPORTUNITY
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> **Van Oord Baltica 2 Monopile Completion — Polish Commercial-Scale Offshore-Wind Turbine Installation and Secondary Steel Procurement Window**
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> NES Tier 2/3 suppliers in secondary steel fabrication, transition-piece outfitting, boat landings, external platform outfitting, corrosion management, marine coatings, dynamic export cable

inspection, HV commissioning, mechanical completion, marine warranty, ROV inspection and integrated T&I services should engage Van Oord (Rotterdam), PGE (Warsaw), Ørsted (Fredericia), Steelwind Nordenham (Nordenham), Bladt Industries (Aalborg) and the Polish commercial-scale offshore-wind supply chain in advance of the 2026–2027 turbine installation and commissioning campaign at Baltica 2.

EnBW Completes Turbine Installation at 960 MW He Dreiht — Germany's Largest Offshore Wind Farm (24 August)

EnBW (Karlsruhe) completed on 24 August the installation of the last of 64 Vestas V236-15.0 MW turbines at the 960 MW He Dreiht offshore wind farm north-west of Borkum in the German North Sea, making He Dreiht Germany's largest operating offshore wind farm to date. Turbine installation was carried out by Cadeler's Wind Orca jack-up installation vessel. He Dreiht was delivered on a €2.4 bn zero-subsidy financing structure and is underpinned by corporate PPAs with Evonik (150 MW), Google (100 MW), Deutsche Telekom (100 MW), Fraport (85 MW), Bosch (50 MW), Salzgitter (50 MW), SHS (50 MW), DHL (20 MW) and Deutsche Bahn (20 MW). Full-load commercial operations are expected by end of summer 2026. Separately, Germany reported wind additions of 3,948 MW for January–July 2026 (+53% year-on-year), of which 1,194 MW were offshore. Together, He Dreiht and the year-to-date additions confirm a rebound in the German commercial-scale offshore-wind delivery pipeline.

NES SALES OPPORTUNITY

EnBW He Dreiht Commissioning — German Commercial-Scale Offshore Wind Full-Load Handover Window

NES Tier 2/3 suppliers in HV commissioning, mechanical completion, marine warranty, offshore surveying, ROV inspection, dynamic export cable inspection, subsea cable termination, environmental monitoring and integrated commissioning services should engage EnBW (Karlsruhe), Vestas (Aarhus / Cuxhaven), Cadeler (Copenhagen) and the German commercial-scale offshore wind operations and maintenance architecture ahead of the He Dreiht full-load handover expected by end of summer 2026.

BSH Opens FEP 2nd Amendment Consultation — Redesign of N-10.1/N-10.2 and Addition of N-13.1/N-13.2 for 2027 Auction (21 August)

Germany's Federal Maritime and Hydrographic Agency (BSH) announced on 21 August the drafts of the second amendment to the 2025 Site Development Plan (FEP) and the associated environmental report, and opened both to public consultation. Bundesnetzagentur ran a parallel consultation that closed on 24 August, and the WindSeeG amendment consultation closed on 17 August. The FEP 2nd amendment redesigns areas N-10.1 and N-10.2 (2.5 GW combined) with three options for the 2027 auction, adds N-13.1 (0.5 GW) and N-13.2 (1 GW) to the 2027 auction, and suspends the N-12.4 and N-12.5 tender previously scheduled for 2026. The auction round scheduled for 2027 therefore now covers 4 GW of centrally investigated sites. From 2027 onwards, the fixed 4,000 MW annual auction target is replaced with a flexible 2,000–4,800 MW corridor to align tender volume with grid-connection capacity. The BSH package consolidates the German commercial-scale offshore-wind procurement architecture through 2028–2032 and confirms Germany as the largest continental centrally investigated tender pipeline into 2027.

NES SALES OPPORTUNITY

BSH FEP 2nd Amendment — German Commercial-Scale Offshore-Wind 4 GW 2027 Tender Procurement Window

NES Tier 2/3 suppliers in transition-piece secondary steel, boat landings, external platform outfitting, corrosion management, marine coatings, dynamic export cable inspection, HV commissioning, mechanical completion, marine warranty, ROV inspection and integrated T&I services should engage BSH (Hamburg), Bundesnetzagentur (Bonn), the Federal Ministry for Economic Affairs and Energy (BMWE, Berlin), TenneT Offshore GmbH (Bayreuth) and the German commercial-scale offshore-wind developer architecture (Ørsted, RWE, EnBW, Vattenfall, Iberdrola, Total, Ocean Winds) in advance of the 4 GW 2027 auction covering the redesigned N-10.1, N-10.2, N-13.1 and N-13.2 sites.

Vattenfall Danish 2026 Awards — Hesselø 800 MW + Nordsøen Midt 1 GW (Carry-Over)

The 4 August Vattenfall Danish 2026 offshore-wind tender awards (Hesselø 800 MW at approximately €67.42/MWh and Nordsøen Midt 1 GW at approximately €72.50/MWh, both capability-based two-sided CfDs, operational by 2032) continue as carry-over items into the current window and reinforce Denmark as one of the principal continental commercial-scale offshore-wind procurement destinations alongside the Netherlands, Germany, France and Poland. Structural NES Tier 2/3 engagement continues around Vattenfall (Solna / Copenhagen), Energinet (Fredericia), the Danish Energy Agency (Copenhagen) and the Danish commercial-scale offshore-wind supply chain.

2. Offshore Wind — Floating

The week to 29 August 2026 was again genuinely quiet for continental commercial-scale European floating-wind news. Two developments are worth recording. First, TotalEnergies confirmed on 25 August its exit from Danish offshore wind: the Danish public utility Sonfor is taking over TotalEnergies' stakes in the Jammerland Bugt and Lillebælt Syd projects. The Danish exit follows TotalEnergies' earlier withdrawal from Nordseeenergies 2 in Germany in June 2026 and the return of two US offshore concessions, and is a structural signal of continued portfolio rationalisation by the French supermajor away from higher-CfD-risk European offshore wind and toward its US, LNG and integrated downstream businesses. Second, Turkey published a draft first offshore wind YEKA tender on 24 August targeting 1 GW across four Aegean areas as the opening step toward a 5 GW installed target by 2035; the auction is expected in Q1 2027. The Turkish opening is not itself floating-specific but is expected to include floating options in later YEKA rounds given Aegean water depths.

Elsewhere, the 5 GW floating component of the France AO10 mega-tender (bids due 12 October 2026, awards February 2027, ceiling €100/MWh, 75% European content) enters the final six weeks of the bid-preparation window, with structural procurement engagement continuing around the French floating-wind port programme (€260 m across Cherbourg, Brest, Nantes-Saint-Nazaire, Port-la-Nouvelle and Marseille-Fos), the DEOS Fos-sur-Mer BW Ideol / NGE Fos3F floating-wind foundation factory, the Ocean Winds EFGL full operations at 30 MW off Leucate-Le Barcès in Occitanie, and the Norwegian Storting KS2 external quality-assurance review of the Utsira Nord subsidy architecture. Structural NES Tier 2/3 engagement continues around Principle Power, BW Ideol, NGE, EDF Renewables, TotalEnergies (for its remaining floating positions) and the French, Norwegian, Portuguese and Turkish floating-wind commercial-scale operator architecture.

NES SALES OPPORTUNITY

Turkey First YEKA Offshore Wind Tender + France AO10 12 October Deadline — South European Floating Wind Positioning Window

NES Tier 2/3 suppliers in floating substructure secondary steel, dynamic mooring, dynamic cabling, station-keeping, marine warranty, offshore commissioning and integrated floating-wind T&I services should engage the Turkish Ministry of Energy and Natural Resources (Ankara), EPDK (Ankara), the French Ministry for the Energy Transition (La Défense), EDF Renewables, Iberdrola, RWE, TotalEnergies, Ocean Winds and Vattenfall in advance of the 12 October 2026 AO10 bid deadline and the Q1 2027 YEKA offshore auction.

3. Hydrogen

Siemens Energy Completes 100 MW PEM Electrolyser Delivery to Hamburg Green Hydrogen Hub — 25 August

Siemens Energy (Erlangen / Berlin) announced on 25 August the completion of delivery of all electrolysis modules for the 100 MW PEM Hamburg Green Hydrogen Hub, developed by Luxcara and Hamburger Energiewerke at the former Moorburg coal-fired power station in the Port of Hamburg. The plant will produce approximately 10,000 t of green hydrogen per year for the Hanseatic industrial cluster, is supported by the German federal Important Project of Common European Interest (IPCEI) Hy2Infra funding programme and is scheduled to enter operations in 2027. Hamburg Green Hydrogen Hub consolidates Hamburg alongside Wilhelmshaven, Rotterdam and Antwerp as one of the principal continental commercial-scale European green hydrogen production and delivery hubs, and complements the parallel ITM Power / GET H2 Nukleus first delivery to Evonik at Marl (previous week carry-over) and the wider IPCEI Hy2Infra delivery pipeline.

NES SALES OPPORTUNITY

Siemens Energy Hamburg 100 MW PEM Delivery — German Commercial-Scale Green Hydrogen Electrolyser BoP Procurement Window

NES Tier 2/3 suppliers in PEM electrolyser BoP, high-pressure gas handling, hydrogen embrittlement testing, hydrogen purification and compression, HV commissioning, mechanical completion, safety systems and integrated hydrogen production plant delivery should engage Siemens Energy (Erlangen), Luxcara (Hamburg), Hamburger Energiewerke (Hamburg), the Federal Ministry for Economic Affairs and Energy (BMWE, Berlin) and the wider IPCEI Hy2Infra commercial-scale delivery architecture ahead of the 2027 operations start at the Moorburg site.

Air Products and Nobian Sign Long-Term RFNBO Hydrogen Offtake at Rotterdam — 26 August

Air Products (Allentown) and Nobian (Amersfoort) signed on 26 August a long-term offtake agreement for RED III-compliant renewable fuel of non-biological origin (RFNBO) hydrogen produced by a new 14,000 t/yr renewables-powered chlor-alkali electrolyser at the Nobian Rotterdam site. The agreement is one of the first fully commercial RFNBO hydrogen offtakes in the Port of Rotterdam and consolidates Rotterdam alongside Antwerp, Hamburg, Wilhelmshaven and Bilbao as one of the principal continental commercial-scale European RFNBO hydrogen production and delivery hubs. The Nobian Rotterdam site couples electrolysis to existing chlor-alkali membrane cell architecture, converting non-fossil electricity into RED III-certified green hydrogen for European industrial customers, and complements the parallel Kassø emethanol project (fourth offtaker announced 20 August, carry-over) and the Hellesylt Hydrogen Hub Norwegian RFNBO certification.

OMV Petrom Doubles Petrobrazi Green Hydrogen to 55 MW — 28 August

OMV Petrom (Bucharest) announced on 28 August the delivery of a second 35 MW electrolyser at the Petrobrazi refinery in Romania, taking site green hydrogen capacity to 55 MW. The additional electrolyser will feed both the Petrobrazi refinery hydrogen network (displacing steam methane reforming grey hydrogen) and the new 250,000 t/yr sustainable aviation fuel (SAF) and HVO co-processing unit under construction at the site. The Petrobrazi expansion consolidates Central and Eastern Europe alongside Germany, France, Denmark and the Netherlands as one of the emerging continental commercial-scale European green hydrogen industrial-integration corridors, and complements the parallel Repsol Cartagena, Cepsa Palos de la Frontera and TotalEnergies Grandpuits SAF programmes.

> NES SALES OPPORTUNITY
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> **OMV Petrom Petrobrazi 55 MW Green Hydrogen + Air Products / Nobian Rotterdam RFNBO Offtake — Commercial-Scale European Green Hydrogen Industrial Integration Procurement Window**
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> NES Tier 2/3 suppliers in alkaline and PEM electrolyser BoP, hydrogen purification and compression, high-pressure gas handling, hydrogen embrittlement testing, RFNBO certification support, safety systems, HV commissioning, mechanical completion and integrated hydrogen commercial-scale delivery services should engage OMV Petrom (Bucharest), Air Products (Allentown / Rotterdam), Nobian (Amersfoort / Rotterdam) and the Central and Eastern European commercial-scale refining and SAF/HVO architecture (MOL, PKN Orlen, INA, Lotos) alongside the wider Port of Rotterdam commercial-scale RFNBO hydrogen commercial-scale industrial offtake architecture.

4. CCUS — Carbon Capture, Use & Storage

SLB and OneSubsea Selected as Strategic Reservoir Partner and Subsea Concept and FEED Contractor for Havstjerne CO2 Storage — 25 August

SLB (Houston / Stavanger) and its subsea joint venture OneSubsea were selected on 25 August as strategic reservoir partner and subsea concept and FEED contractor for the Havstjerne offshore CO2 storage project in the Norwegian North Sea, operated by Harbour Energy in partnership with Stella Maris CCS (Yinson Production). The award covers reservoir characterisation, appraisal-well interpretation, geomechanics modelling and subsea injection system concept design for a low-pressure floating storage and injection facility designed to accept CO2 shipped in liquid form from continental European industrial emitters. The subsea injection scope covers the template manifold, all-electric injection trees, subsea control system, umbilical and distribution architecture. Havstjerne is backed by €225 m of European Commission Innovation Fund support awarded in 2025, and the 2025 appraisal well confirmed reservoir quality. Havstjerne consolidates the Norwegian Continental Shelf alongside Northern Lights (Equinor / Shell / TotalEnergies), Poseidon (Bifrost) and the Barents Blue project as one of the principal continental commercial-scale European CCUS commercial-scale storage architectures for the 2030+ delivery window, and is the first structural strategic contract award to SLB and OneSubsea on Havstjerne.

> NES SALES OPPORTUNITY

SLB / OneSubsea Havstjerne CO_2 Storage FEED — Norwegian Commercial-Scale CCUS Subsea Injection Engineering Procurement Window

NES Tier 2/3 suppliers in subsea injection systems, template manifolds, all-electric subsea trees, subsea control systems, umbilicals, subsea distribution, MMV instrumentation, seabed inspection, CO_2 pipeline integrity, subsea intervention, ROV inspection, marine warranty and integrated subsea CCUS services should engage SLB (Stavanger / Aberdeen), OneSubsea (Bergen / Aberdeen), Harbour Energy (London / Stavanger), Stella Maris CCS (Yinson, Oslo / Kuala Lumpur) and the Norwegian Offshore Directorate (Stavanger). The 25 August award opens continental commercial-scale Norwegian CCUS commercial-scale subsea engineering procurement engagement through the FEED and subsequent EPCIC procurement windows toward FID.

Ambrian Energy and Messer Receive EU Antitrust Clearance for CarbonBridge Bremen CO_2 Export Terminal — 27 August

Ambrian Energy and Messer received on 27 August European Commission antitrust clearance for the CarbonBridge CO_2 export terminal at Bremen in northern Germany. CarbonBridge will be Germany's first dedicated CO_2 export terminal, initially handling approximately 2.3 Mtpa of captured CO_2 from German industrial emitters and expandable to approximately 4 Mtpa, with target operations from 2031. The terminal will accept CO_2 by pipeline and rail from the German industrial hinterland and export it in liquid form to Norwegian offshore storage sites (Northern Lights, Poseidon, Havstjerne). The clearance is a structural signal of continued European Commission willingness to fast-track cross-border CCUS logistics infrastructure and complements the parallel Yara Netherlands, Ørsted Kalundborg and Stockholm Exergi BECCS Northern Lights commercial offtake architecture.

Northern Lights and European CCUS Backbone (Carry-Over)

Delivery activity continues on the second-generation Norwegian CCS projects. The Northern Lights JV (Equinor / TotalEnergies / Shell) Phase 1 fleet of four Dalian-built LCO_2 carriers (Northern Pioneer, Northern Pathfinder, Northern Prospect and Northern Purpose) continues to enable commercial CO_2 storage for Yara Netherlands (€120 m/yr contract, 800 kt CO_2), Ørsted Kalundborg (Denmark, 430 kt CO_2/yr) and Stockholm Exergi (BECCS, 800 kt CO_2/yr). Northern Lights Phase 2 (Bergen, capacity expansion from 1.5 to 5 Mt CO_2/yr by 2028) and Hafslund Celsio Klemetsrud (Oslo, 350 kt CO_2/yr) remain under construction. AGR's Ruby CO_2 storage subsurface and geomechanics advisory contract (Denmark, previous week carry-over) also continues in delivery.

5. Marine Energy

The week to 29 August 2026 was again silent for continental European marine-energy news, reflecting the continued summer procurement lull. No fresh awards, FIDs, permit issuances or grant signings landed during the current window. Structural procurement engagement continues around CorPower Ocean's world-first DNV Prototype Certificate for the C4 wave energy converter (21 July 2026), the 10 MW VianaWave commercial extension at Viana do Castelo (Portugal), the 5 MW Valiant EMEC array at Orkney, CorPower's next-generation C5 development (targeting full DNV type certification and commercial readiness by 2027) and the POWER-Farm European €30 m consortium project. The September 2026 CEF Energy call and the OPEN SEA demonstrator call remain the principal European commercial-scale procurement vehicles for wave and tidal engagement through H2 2026. Structural NES Tier 2/3 engagement continues around CorPower Ocean, Ocean Energy Europe, Tidal Sails, Principle Power, Ecocean and the European Commission DG ENER for wave and tidal foundation engineering, dynamic mooring, dynamic cabling, marine warranty, offshore commissioning and integrated ocean-energy services.

6. Hydropower

Statkraft and Hydro Energi Sign Third 2026 PPA — 876 GWh/yr NO5 2031–2040 (24 August)

Statkraft (Oslo) and Hydro Energi (Oslo) signed on 24 August in Oslo a third 2026 long-term power purchase agreement, covering 876 GWh per year in the NO5 Norwegian price area from 2031 to 2040 (approximately 8.8 TWh in total). The PPA supplies Hydro's Norwegian primary aluminium plants and underpins the production of low-carbon aluminium for European industrial customers. The signing is the third 2026 Statkraft – Hydro PPA, following two agreements signed in April (approximately 0.9 TWh/yr for 2029–2030 and 1.3 TWh/yr for 2031–2038). Together, the three 2026 PPAs consolidate the Norwegian commercial-scale hydropower commercial-scale industrial offtake architecture and complement the wider Nordic aluminium (Alcoa, Norsk Hydro, Elkem) and green steel (SSAB, Salzgitter) commercial-scale industrial decarbonisation architecture. NES Tier 2/3 engagement continues around Statkraft, Hydro Energi, Statnett, Fingrid and the wider Nordic commercial-scale industrial PPA delivery architecture.

ANDRITZ Q2 2026 Delivery Portfolio and European Hydropower Modernisation (Carry-Over)

ANDRITZ AG (Graz) Q2 2026 results (30 July, briefed in the previous window) continue to underpin the continental commercial-scale European hydropower equipment supplier architecture with a record €12.6 bn Group backlog. The ANDRITZ Strandfossen Norway upgrade for Hafslund on the Glomma river, the ANDRITZ ENGIE / Movhera Picote I Portugal award (3 x 72 MW Francis runners on the Douro cascade, end-2030), the ANDRITZ Vouglans / Saut-Mortier France 17 MW variable-speed pump-turbine order (award 20 July 2026, execution 2026-2031, 80–85 MW added, storage capacity lifted from 50 to 250 GWh), the Voith Torrejon Spain 2 additional pump-turbines order for Iberdrola and Grimsel 4 Switzerland 2 x 70 MW variable-speed pump-turbines order all continue in delivery. The France Loire and Ain river cascade programmes, EDP's Portuguese pumped-storage portfolio and Swiss KWO Grimsel modernisation continue to consolidate the European hydropower commercial-scale modernisation pipeline.

7. Geothermal

Aardwarmte Wippolderlaan Completes Deep Geothermal Drilling in the Netherlands — 27 August

Aardwarmte Wippolderlaan announced on 27 August the completion of deep geothermal drilling at its Wippolderlaan project in the Netherlands. The drilling completion clears the way to commissioning and consolidates the Netherlands alongside Germany, France, Italy and Belgium as one of the principal continental commercial-scale European deep-geothermal district-heating markets. Vattenfall Netherlands separately confirmed on 25 August a portfolio of four active geothermal projects (including Amsterdam and Almere), the EBN SCAN project (12 exploratory projects since 2019 with 8 exploratory wells) and approximately 150 new heat projects in development, against a Dutch Heat Act 2030 CO_2 conditions framework. Only 11.2% of Dutch homes are currently non-gas heated, giving continued policy momentum to deep-geothermal district-heating investment.

DMT Starts 3D Seismic Survey in Greater Munich — 24 August

DMT (Essen) started on 24 August the 3D seismic survey campaign in the Greater Munich metropolitan area for the GIGA-M consortium (Technische Universität München, Stadtwerke München, Erdwärme Grünwald, City of Munich, Stadtwerke Fürstenfeldbruck, Stadtwerke Bad Tölz). The GIGA-M 3D seismic survey is the largest in Munich metropolitan history, covering 1,100 km² across Munich, Bad Tölz-Wolfratshausen, Miesbach, Starnberg and Fürstenfeldbruck. Execution is scheduled through to November 2026. The GIGA-M campaign will inform the next wave of Munich deep-geothermal doublets and consolidates Munich alongside Aschheim/Feldkirchen/Kirchheim (AFK Geothermie – Daldrup & Söhne, previous window) as the principal continental commercial-scale European deep-geothermal district-heating cluster.

2gré Secures Geothermal-Lithium Permit in France Limagne Basin — 27 August

2gré secured on 27 August a permit for a combined geothermal energy and lithium extraction project in the Limagne Basin in central France. The permit consolidates France alongside Germany (Vulcan Energy Resources Landau, Insheim; Neura Cornia Bavaria), the United Kingdom (Cornish Lithium) and the Upper Rhine Graben corridor as one of the principal continental commercial-scale European geothermal-lithium extraction development destinations. Structural NES Tier 2/3 engagement continues around 2gré (Paris), Vulcan Energy Resources (Karlsruhe), Eramet (Paris), the French Bureau of Geological and Mining Research (BRGM, Orléans) and the wider continental commercial-scale European geothermal-lithium commercial-scale downstream battery-grade lithium carbonate supply chain.

> NES SALES OPPORTUNITY
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> **Aardwarmte Wippolderlaan + DMT Munich 3D + 2gré Limagne — Continental Commercial-Scale Deep-Geothermal Drilling, Seismic and Permitting Procurement Window**
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> NES Tier 2/3 suppliers in deep-geothermal well engineering, casing supply, drilling mud engineering, downhole pumps, cathodic protection, corrosion management, high-temperature completion equipment, 3D seismic acquisition, seismic interpretation, reservoir characterisation, ORC integration, direct lithium extraction pilot equipment and geothermal district-heating design should engage Aardwarmte Wippolderlaan (Wateringen), DMT (Essen), GIGA-M consortium (Munich), 2gré (Paris), Vattenfall Netherlands (Amsterdam), EBN (Utrecht) and the Bavarian State Ministry of Economic Affairs (Munich).

8. Decommissioning & Norwegian Continental Shelf

Equinor Brings Troll Phase 3 Stage 2 Online — 22 August

Equinor announced during the current window the start-up of Troll Phase 3 Stage 2, which will bring 55 bn scm of additional natural gas to production from the Troll West field in the Norwegian North Sea. Stage 2 came online on 22 August 2026, several months ahead of the original schedule and several hundred million NOK below budget. Troll remains the largest offshore gas field on the Norwegian Continental Shelf and one of the principal continental commercial-scale European gas supply anchors, and Phase 3 Stage 2 consolidates the Troll West delivery pipeline into the 2030s. Structural NES Tier 2/3 engagement continues around Equinor (Stavanger), Aker Solutions (Fornebu), Aibel (Haugesund), TechnipFMC (Oslo) and the wider NCS commercial-scale operator commercial-scale delivery pipeline.

DNO Divests Non-Core Interests to Equinor — 25 August

DNO (Oslo) announced on 25 August the divestment of non-core exploration and production interests to Equinor for more than $35 m of near-term liquidity improvement. The divestment consolidates the mid-cap Norwegian E&P consolidation into Equinor and reinforces the parallel Equinor – ORLEN Johan Sverdrup crude supply deal (20 August, previous window carry-over) as a structural signal of continued NCS commercial-scale operator commercial-scale portfolio optimisation. Structural NES Tier 2/3 engagement continues around DNO (Oslo), Equinor (Stavanger), the Norwegian Offshore Directorate (Stavanger) and the wider NCS supply chain.

SLB / OneSubsea Havstjerne CO2 Storage — Norwegian Continental Shelf Cross-Reference

The 25 August SLB / OneSubsea Havstjerne CO2 storage FEED award (see CCUS section above) is also a structural Norwegian Continental Shelf development. Havstjerne, operated by Harbour Energy in partnership with Stella Maris CCS (Yinson Production), will use NCS geology to store CO2 shipped from continental European industrial emitters, and complements Equinor Troll Phase 3 Stage 2 as evidence that NCS activity levels remain robust in H2 2026 across both hydrocarbon field-life extension and CCUS commercial-scale delivery.

AF Gruppen / Heerema and Saipem-Subsea7 (Carry-Over)

AF Gruppen (via its AF Offshore Decom division at Vats yard in Norway) and Heerema Marine Contractors (Leiden) continue delivery on the second UKCS platform-removal engineering contract (July 2026 award). The Norwegian-Dutch consortium remains the principal continental commercial-scale UKCS platform-removal engineering delivery vehicle alongside DeepOcean, TechnipFMC, Aker Solutions, Subsea7 and Saipem. The Saipem – Subsea7 merger EC Phase II process (26 November 2026 deadline; 31 December 2026 Merger Agreement backstop) and the ACCC Phase 2 SURF review continue in parallel.

9. Industry & Policy

Capcora Appointed Exclusive M&A Advisor for SOWITEC 32 GW Renewables Pipeline — 26–27 August

Capcora (Frankfurt) was appointed during the current window as exclusive M&A advisor to Sowitec Group for the sale of the group's 32 GW international renewables pipeline. Sowitec is in insolvency proceedings and the portfolio includes approximately 330 MW of German wind and solar projects, alongside pipeline in Brazil, Chile, Colombia and other Latin American markets. The Capcora mandate consolidates the emerging continental commercial-scale European wind and solar M&A architecture around Sowitec's 32 GW portfolio and complements the parallel Acciona Energía 361 MW Spanish sale to Galp (previous window carry-over), the Ørsted return-to-dividend (24 August briefing, following the $9.35 bn rights issue) and the earlier Vestas Q2 2026 guidance upgrade. Structural NES Tier 2/3 engagement continues around Capcora (Frankfurt), Sowitec Group (Sönnbuhl), Galp (Lisbon), Acciona Energía (Alcobendas) and the German, Iberian and Latin American commercial-scale renewables commercial-scale operator architecture.

Saipem – Subsea7 Merger — EC Phase II Deadline 26 November 2026 (Carry-Over)

The Saipem – Subsea7 merger carry-over continues without fresh material developments during the current window. The European Commission Phase II (opened 22 July 2026) statutory deadline remains 26 November 2026. The Australian Competition and Consumer Commission (ACCC) Phase 2 SURF review continues. US Hart-Scott-Rodino clearance from 31 July stands. The Merger Agreement contains a 31 December 2026 backstop date that would automatically terminate the transaction if clearance is not obtained. Combined subsea backlog stands at approximately €43 bn as of Q2 2026. Structural NES Tier 2/3 engagement continues around Saipem (Milan), Subsea7 (Sutton / Oslo), the European Commission DG COMP (Brussels), the US FTC and DoJ (Washington DC) and the Australian ACCC (Melbourne).

> NES SALES OPPORTUNITY
>
> **Saipem – Subsea7 Merger EC Phase II 26 November + 31 December Backstop — Continental Commercial-Scale Subsea M&A Procurement Window**
>
> NES Tier 2/3 suppliers in subsea intervention, ROV inspection, subsea trees, umbilicals, rigid pipelay support, marine warranty, offshore commissioning, mechanical completion, environmental monitoring and integrated subsea services should engage Saipem (Milan), Subsea7 (Sutton / Oslo) and the European Commission DG COMP (Brussels) ahead of the 26 November 2026 EC Phase II deadline and the 31 December 2026 Merger Agreement backstop.

Ørsted Confirms Return to Dividend from 2027 (Carry-Over)

Ørsted (Fredericia) confirmed during the current window its return to dividend from 2027 following the successful completion of the $9.35 bn rights issue and non-core disposal programme. The dividend restoration underpins investor confidence in the continental commercial-scale European offshore-wind developer architecture and complements the parallel EnBW He Dreiht handover and Van Oord Baltica 2 monopile completion. Structural NES Tier 2/3 engagement continues around Ørsted, EnBW, Vattenfall, RWE, Iberdrola, Ocean Winds and TotalEnergies.

Priority Action Table

Ten NES sales opportunities from this week’s briefing, ranked by commercial proximity. HIGH = engage in next 30 days; MEDIUM = engage in next 60-90 days; LOW-MED = position-building 6-12 months.

#	Opportunity	Sector	Target Counterparties	Window	Priority
1	SLB / OneSubsea Havstjerne CO2 storage FEED (25 August) — Norwegian North Sea; €225 m EU IF 2025; low-pressure floating storage and injection; subsea injection template, all-electric trees, controls, umbilical, distribution	CCUS / Subsea	Harbour Energy, Stella Maris CCS / Yinson Production, SLB, OneSubsea, Norwegian Offshore Directorate	FEED current; FID pending	HIGH
2	Van Oord Baltica 2 111 monopile completion (24 August) — 1.5 GW; PGE / Ørsted; secondary steel + transition-piece + turbine install 2026–2027	Fixed-Bottom Wind	PGE, Ørsted, Van Oord, Steelwind Nordenham, Bladt Industries	Turbines to end-2026; commissioning 2027	HIGH
3	EnBW He Dreiht 960 MW commissioning (24 August) + Capcora SOWITEC 32 GW renewables M&A mandate (26–27 August; ~330 MW Germany)	Fixed-Bottom Wind / M&A	EnBW, Vestas, Cadier, Capcora, Sowitec Group	Full ops late summer 2026; SOWITEC sale open	HIGH
4	BSH FEP 2nd amendment + WindSeeG consultations (21–24 August) — 4 GW 2027 auction (N-10.1/2, N-13.1/2); flexible 2–4.8 GW/yr corridor	Fixed-Bottom Wind / Policy	BSH, Bundesnetzagentur, BMWE, TenneT Germany	Consultations closed 17–24 August; 2027 auction	HIGH

5	Siemens Energy 100 MW PEM to Hamburg Green Hydrogen Hub (25 August) — Moorburg; 10,000 t H2/yr; IPCEI Hy2Infra; ops 2027	Hydrogen	Siemens Energy, Luxcara, Hamburger Energiewerke, BMWE	Delivery complete 25 August; ops 2027	**MEDIUM**
6	Air Products / Nobian Rotterdam RFNBO offtake (26 August) + OMV Petrom Petrobrazi 55 MW expansion (28 August) with SAF/HVO integration	Hydrogen	Air Products, Nobian, OMV Petrom, Port of Rotterdam Authority	Offtake current; SAF/HVO integration	**MEDIUM**
7	Ambrian / Messer CarbonBridge Bremen CO2 export terminal EU clearance (27 August) — 2.3 Mtpa → 4 Mtpa; ops 2031	CCUS	Ambrian Energy, Messer, EU DG COMP, German industrial emitters	Cleared 27 August; ops 2031	**MEDIUM**
8	Statkraft – Hydro Energi 8.8 TWh PPA (24 August) — 876 GWh/yr NO5 2031–2040; third 2026 PPA in low-carbon aluminium chain	Hydropower / PPA	Statkraft, Hydro Energi, Statnett	Delivery 2031–2040	**MEDIUM**
9	Aardwarmte Wippolderlaan NL geothermal drilling complete (27 August) + DMT Munich 3D seismic (24 August) + 2gré Limagne geothermal-lithium permit (27 August)	Geothermal	Aardwarmte Wippolderlaan, DMT, 2gré, GIGA-M consortium, Vattenfall NL, EBN	Current window	**LOW-MED**
10	TotalEnergies exit Danish offshore wind — Sonfor takeover (25 August briefing) + Turkey draft first YEKA 1 GW offshore tender (24 August)	Floating / Fixed Wind	TotalEnergies, Sonfor, Turkish Ministry of Energy and Natural Resources, EPDK	Sonfor takeover current; YEKA Q1 2027	**LOW-MED**

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