10 April 2026

Tethys is a knowledge hub with information and resources on the environmental effects of wind and marine energy. The bi-weekly Tethys Blast highlights announcements and upcoming events; new documents in the Knowledge Base; and international energy news. ORJIP Ocean Energy has partnered with OES-Environmental to provide additional content. Email us to contribute!

Announcements

Bats and Wind Energy Research Finder

The Bats and Wind Energy Cooperative (BWEC) has launched a new Bats and Wind Energy Research Finder that compiles published research on bats and wind energy in an interactive map and data exploration tool. The core of the finder is a database containing the project goals, key findings, research topics, and other attributes for each paper in a downloadable spreadsheet. The finder will be updated regularly with additional research articles and new attributes.

FERN Launch

The Fundy Energy Research Network (FERN) is a newly launched collaborative hub dedicated to advancing the development of tidal energy in the Bay of Fundy. Hosted by the Acadia Tidal Energy Institute, FERN brings together academics, researchers, industry leaders, government, and communities to support interdisciplinary research. Register for free membership here.

INORE Symposium Applications Open

The International Network on Offshore Renewable Energy (INORE) is accepting applications for its 2026 symposiums. The North America symposium will take place from 27 July to 1 August 2026 in Hoboken, New Jersey, USA, followed by the European symposium from 27 September to 4 October 2026 in Bilbao, Spain. Applications are due by 8 May 2026.

MECC Applications Open

The U.S. Department of Energy's (DOE) Hydropower and Hydrokinetic Office (H2O) and the National Laboratory of the Rockies (NLR) have opened applications for the 2027 Marine Energy Collegiate Competition (MECC), which challenges multidisciplinary teams of undergraduate and graduate students to offer unique solutions to marine energy challenges. Apply by 1 May 2026.

Public Comment Period Open: Oregon Offshore Wind Energy Roadmap

The Oregon Department of Land Conservation and Development (DLCD) has released a draft Offshore Wind Energy Roadmap for public review. Directed by Oregon House Bill 4080, the Roadmap outlines how Oregon could evaluate, plan for, and manage potential offshore wind energy development. DLCD is seeking public input by 27 April 2026.

SCGSR Applications Open

The U.S. DOE Office of Science Graduate Student Research (SCGSR) program, which supports PhD students while working at DOE National Laboratories, is accepting applications for its 2026 solicitation. Apply by 6 May 2026.

U.S. Knauss Fellowship Applications Open

The National Sea Grant College Program is accepting applications for its 2027 Knauss Fellowship Program, which places graduate students interested in ocean, coastal and Great Lakes resources in executive and legislative offices where they contribute to real-world policy work. Apply by 3 June 2026.

Calls for Abstracts & Proposals

The Call for Abstracts for the North American Wind Energy Academy (NAWEA)/WindTech Conference 2026 is now open through 17 April 2026. NAWEA/WindTech will take place on 21-23 September 2026 in Portland, Oregon, USA.

The Call for Abstracts for OCEANS 2026 Monterey is now open through 20 April 2026. The conference will take place on 21-24 September 2026 in Monterey, California, USA.

The Call for Abstracts for the 156th Annual Meeting of the American Fisheries Society is open until 22 April 2026. The meeting will take place from 30 August to 3 September 2026 in Columbus, Ohio, USA. Consider submitting to the symposium session, The Blue Economy, Fish, and Fisheries – Emerging Knowledge, Technology Advancement, and Applications.

Renewable Energy Wildlife Institute (REWI) has opened the Call for Proposals for workshops, coordinated sessions, and field trips for the 16th Wind Wildlife Research Meeting (WWRM 2026) through 30 April 2026. WWRM will take place on 27-30 October 2026 in Albuquerque, New Mexico, USA.

The Call for Abstracts for the International Conference on Ocean Energy (ICOE) / Ocean Energy Europe (OEE) 2026 has been extended until 24 April 2026. ICOE/OEE will take place on 5-7 October 2026 in The Hague, The Netherlands.

The Call for Abstracts for the 2026 University Marine Energy Research Community (UMERC) Annual Conference and Marine Energy Technology Symposium (METS) is open through 30 April 2026. UMERC/METS 2026 will take place on 4-6 August 2026, at Stevens Institute of Technology in Hoboken, New Jersey, USA.

The Society for Underwater Technology's (SUT) Offshore Site Investigation and Geotechnics (OSIG) Committee has opened the Call for Abstracts for the 10th International SUT OSIG Conference on Geophysics, Geoscience & Geotechnics for Energy and Resource Resilience until 30 April 2026. The conference will take place on 14-16 September 2027 in London, England.

NetZero Atlantic has opened the Call for Abstracts for the Atlantic Canada Offshore Wind Readiness Forum 2026 until 14 May 2026. The Forum will take place on 16 September 2026 in Halifax, Nova Scotia.

Marine Renewables Canada has opened the Call for Research & Technical Track Abstracts and the Call for Member Workshop Proposals for the Marine Renewables Canada 2026 Conference & Exhibition through 15 May 2026. The conference will take place on 17-19 November 2026 in Ottawa, Ontario, Canada.

Marine Technology Society (MTS) has opened the Call for Abstracts for the 2026 Global eDNA Conference until 29 May 2026. The conference will take place 28-30 October 2026 in Seattle, Washington, USA.

The Call for Abstracts for the 3rd Australian Ocean Renewable Energy Symposium (AORES) is open through 31 May 2026. AORES will take place 9-11 November 2026 in Adelaide, Australia.

Funding & Testing Opportunities

The Research Infrastructure Services for Renewable Energy (RISEnergy) project has opened the 4th RISEnergy Transnational Access Call, which provides free access to testing facilities across Europe for researchers from academia and industry working across several target areas including ocean energy, offshore wind, and photovoltaics. Apply by 26 April 2026.

Massachusetts Clean Energy Center (MassCEC) has released a funding opportunity through its Offshore Wind Science, Research & Analysis Program to support applied research that advances the development of offshore wind in southern New England and the Gulf of Maine. Apply by 28 April 2026.

The Scottish Government has opened applications for the Marine Fund Scotland for 2026-27, which is focused on supporting projects that deliver outcomes relating to Scotland's Blue Economy Vision. The closing date for the first round of applications is 15 May 2026.

Innovate UK is funding a competition to support early stage innovation projects within offshore wind, including smart environmental services. UK registered organizations can apply for a share of up to £10 million to support Feasibility Studies in Offshore Wind. Apply by 3 June 2026.

The U.S. Testing Expertise and Access for Marine Energy Research (TEAMER) program, which supports marine energy testing and development projects, is accepting Request for Technical Support (RFTS) 18 applications until 5 June 2026. TEAMER now provides expertise, non-open water, and open water support, as well as commercialization support.

UK Research and Innovation (UKRI) has opened applications for the Clean Maritime Demonstration Competition 7: Deployment trials, which will fund real world demonstrations of innovative clean maritime technologies in an operational setting. UK organizations and collaborators can apply by 15 July 2026.

Career & Internship Opportunities

Ocean Renewable Power Company (ORPC) is looking for an Operations and Communications Coordinator to serve as the backbone of its Sherbrooke (Québec, Canada) team and bridge the gap between its Canadian operations, US-based team and partners, ensuring administrative, regulatory, and communication engines run seamlessly.

France Énergies Marines is looking for its next Head of the "Wildlife and Interactions" Department. This is a strategic leadership role at the crossroads of marine ecology and offshore renewable energy development. Apply by 12 April 2026.

European Marine Energy Centre (EMEC) is hiring a Project Portfolio Manager to manage the delivery of decarbonisation projects underneath the Islands Centre for Net Zero (ICNZ) program and a Business Development Officer (Graduate) to identify, develop, and secure opportunities for EMEC to grow its portfolio of projects. Apply by 17 April 2026.

Ocean Energy Europe is hiring a Policy Officer to work alongside colleagues committed to push for the best possible framework to develop ocean energy at the European Union and national levels. Apply by 17 April 2026.

The Technical University of Denmark is offering a two-year Postdoctoral Position as part of the SUSTAINOW project, which aims to support the expansion of offshore wind by strengthening how environmental and social considerations are integrated into spatial planning and decision-making. Appy by 19 April 2026.

Pacific Northwest National Laboratory (PNNL) is seeking a Data Scientist - Field Robotics and AI to help continue to execute and grow its burgeoning portfolio in field robotics, sensing, and AI. This role seeks to add an experienced researcher to the existing robotics, software, and AI team within Coastal Sciences. Appy by 21 April 2026.

Oregon State University is seeking a Power & Data Systems Manager to assist the PacWave team in establishing the facility as a leading global test facility, which will provide the marine

energy sector with the opportunity to test and conduct research, development, demonstration, and deployment activities for wave energy systems and other technologies. Appy by 27 April 2026.

Coastal Partners is hiring a Habitats Regulations & Environmental Impact Assessment Specialist to provide technical support on Planning and Marine License Applications within highly sensitive and designated environments on a variety of Flood and Coastal Erosion Risk Management (FCERM), habitat creation and allied projects. Appy by 30 April 2026.

The Institute of International Education (IIE) has opened applications for the Ocean Futures Fellowship, which provides training, educational projects, professional development, and mentorship over a six-month full-time program. Apply by 3 May 2026.

Heriot-Watt University, in partnership with the Scottish Government and Orkney Islands Council, is offering an Island Scholarship to help fund the tuition fees for UK and international students on three full-time programs at its Orkney campus: MSc Marine Renewable Energy, MSc Renewable and Sustainable Energy Transition, and MSc International Marine Science. Apply by 11 May 2026.

Upcoming Events

The Tethys Events Calendar highlights key events from around the world related to wind and marine energy, including conferences, webinars, workshops, and more.

Upcoming Webinars

The National Laboratory of the Rockies is hosting the next webinar its *Marine Energy Microgrid and Power Electronics Webinar Series*, "A HERO WEC Journey: Energizing Microgrids With Wave Energy", on 13 April 2026 at 12:00pm MDT (6:00pm UTC). The webinar will cover practical considerations for deploying wave energy devices and lessons learned from real-world Hydraulic and Electric Reverse Osmosis Wave Energy Converter (HERO WEC) deployments.

Discovery of Sound in the Sea (DOSITS) is hosting the first webinar in its *2026 DOSITS Webinar Series*, "Using acoustic tags and Uncrewed Aerial Systems to study cetaceans Overview", on 15 April 2026 at 12:00pm EDT (4:00pm UTC). Join for a discussion on the deployment and use of acoustic tags on cetaceans to study their movement and behaviors.

The Wind Energy-Environmental Research & Engagement Network (WREN) is hosting a three-part *Mitigation Hierarchy Webinar Series* on the application, effectiveness, and future development of the Mitigation Hierarchy to improve practice in wind energy and biodiversity, featuring panel discussions with experts from regulation, industry, research, and consultancy across different countries. Register for all three webinars here.

- Part 1: Global Perspectives will take place on 16 April 2026 from 12:00-1:00pm EDT (4:00-5:00pm UTC) and explore how the Mitigation Hierarchy is applied and perceived across different countries and stakeholder groups in wind energy development.

- Part 2: Effectiveness will take place on 30 April 2026 from 12:00-1:00pm EDT (4:00-5:00pm UTC) and examine whether current mitigation measures in wind energy projects are effectively achieving their intended biodiversity outcomes.
- Part 3: Solutions will take place on 7 May 2026 from 12:00-1:00pm EDT (4:00-5:00pm UTC) and synthesize findings from the previous sessions and discuss concrete solutions, guidance, and pathways towards a more strategic and nature-positive application of the Mitigation Hierarchy.

The New York State Energy Research and Development Authority (NYSERDA) Offshore Wind team is hosting the next webinar in its *Learning from the Experts series*, "How Offshore Wind Can Bolster Grid Reliability", on 29 April 2026 from 12:00-1:00pm EDT (4:00-5:00pm UTC). The webinar will discuss how offshore wind enhances energy reliability and offers a unique solution for New York, integrating alongside other energy infrastructure in the grid.

Interreg North Sea's Anemoi project is hosting the 2nd Anemoi Stakeholder Event on 20 June 2026 at 2:00pm CEST (12:00pm UTC). The event will feature presentations on the project and its next steps, chemical emissions from offshore wind to the marine environment, differences in offshore regulations, and potential effects from offshore wind leachates.

Upcoming Short Courses & Masterclasses

Aalborg University is offering a PhD-level Course on Numerical and Experimental Modelling and Control of Wave Energy Converters from 11-22 May 2026 in Aalborg, Denmark. This course is designed to provide researchers entering the wave energy sector with a comprehensive introduction to the fundamental concepts required to analyze various types of structures. Apply by 20 April 2026.

The Southeast National Marine Renewable Energy Center at Florida Atlantic University is offering a Marine Energy Short Course on 10-14 August 2026 in Boca Raton, Florida, USA. This short course will introduce energy, energy conversion, and renewable energies; followed by two days focused on current energy production; a day on wave energy conversion; and a day on ocean thermal energy conversion (OTEC). Apply by 30 April 2026.

The Supergen Offshore Renewable Energy (ORE) Hub is offering a series of Masterclasses for professionals and early career researchers to deepen their expertise, including:

- Virtual Prototyping of Offshore Renewable Energy Technologies on 29-30 April 2026 at the National Decommissioning Centre in Newburgh, Scotland
- Advanced Experimental Fluid Mechanics for Offshore Renewable Energy on 13 May 2026 at the University of Plymouth in Plymouth, England
- Environmental Contours & Extreme Value Analysis on 14-15 May 2026 at the University of Exeter in Exeter, England
- Offshore Geotechnics on 18–19 May 2026 at the University of Southampton, in Southampton, England.

Upcoming Workshops

The OES-Environmental team at PNNL is hosting an interactive workshop, From Evidence to Action: Applying Data Transferability to Simplify Marine Energy Permitting, at the 2026 Ocean Renewable Energy Conference (OREC) + Marine Energy Collegiate Competition (MECC) from 8:00-10:00am PDT on 19 May 2026 in Portland, Oregon, USA.

The Triton Initiative team at PNNL, in collaboration with OES-Environmental and the Pacific Marine Energy Center, is also hosting an interactive workshop, From Risk to Readiness: Mapping Environmental Effects and Information Needs, at OREC+MECC 2026 from 1:00-3:00pm PDT on 19 May 2026 in Portland, Oregon, USA.

Upcoming Conferences

The Supergen ORE Hub is hosting its Early Career Forum on 21 April 2026 and its 2026 Annual Assembly on 22 April 2026 at the University of Warwick in Coventry, England. Registration closes on 13 and 20 April 2026, respectively.

Marine Energy Wales is hosting the 2026 Marine Energy Wales Conference on 28-29 April 2026 in Llandudno, Wales.

Offshore Wind California is hosting its 2026 Pacific Offshore Wind Summit on 18-20 May 2026 in Long Beach, California, USA.

New Documents on Tethys

Tethys hosts thousands of documents on the environmental effects of marine and wind (land-based and offshore) energy, including journal articles, conference papers, and reports.

Marine Energy

Progressing Tidal Energy Through Organized Data Approaches – Copping et al. 2026

> As the tidal energy industry reaches commercial status in parts of Europe and pre-commercial status in North America, more environmental data are being collected, and research studies continue to address the most difficult questions around risks to marine life and environment. Collision risk of fish and marine mammals, as well as diving seabirds and sea turtles, remain the most challenging tidal turbine interactions and the focus of extensive studies in many parts of the world. Working with 15 other nations, Ocean Energy Systems-Environmental has developed tools and frameworks to assist in organizing and applying data and information on potential risks from tidal turbines to permitting, mitigation, and licensing. Tools have been developed that organize data to match regulatory needs including risk retirement, data transferability, management measures, and guidance documents. This paper will discuss the application of these tools and frameworks.

International WaTERS: Summary of Findings and Lessons Learned – Linklater et al. 2026

The International WaTERS network has spent the past decade building a global platform for collaboration, knowledge sharing, and innovation among marine energy test centres. These centres have evolved from single-technology wave and tidal facilities into multi-technology innovation hubs with advanced environmental monitoring capabilities. This evolution reflects the sector's response to growing technical complexity, market demand, and policy priorities. Test centres have taken a leading role in environmental monitoring, adaptive management, and risk-based consenting, advocating for open data sharing and standardised protocols to reduce regulatory friction. Early, transparent engagement with communities, fisheries, and regulators is central to securing social licence and building long-term trust. Collaboration across the network including shared databases, risk registers, lessons-learned logs, joint procurement, staff exchanges, and harmonised protocols has accelerated innovation, reduced duplication, and strengthened sector-wide resilience.

Exploring Particle Motion Near a Wave Energy Converter – Chicco et al. 2026

There is a growing expectation for the expansion of marine renewable energies (MRE), yet their impacts on marine fauna at both individual and array scales are not yet fully understood. Offshore marine energy installations represent emerging anthropogenic noise sources capable of propagating acoustic energy through the water column and substrate. MRE devices may cause acoustic disturbances, potentially affecting demersal and benthic species of fish and invertebrates. However, data on particle motion and substrate vibrations generated by floating structures moored to the seafloor remain scarce. This chapter provides an example of ongoing work involving direct measurements of acoustic particle motion and pressure data collected near ISWEC (Inertial Sea Wave Energy Converter), a wave energy device located off the coast of Pantelleria (Italy), Mediterranean Sea. Data were collected using an acoustic vector sensor equipped with a 3D accelerometer and omnidirectional hydrophone.

Wind Energy

Song flight and 3D thermal detection provide evidence for bat attraction to wind turbines in Central Europe – Nagy et al. 2026

Fatal interactions with wind turbines are a major threat to bat populations worldwide. Yet, the ultimate causes for bats colliding with wind turbines remain elusive. Using an extensive acoustic data set recorded at nacelle height in different parts of Germany, we show that feeding and social activity occur at all studied wind turbines. At least seven bat species (accounting for 95% of German bat fatalities) perform song flight at wind turbines, a behavior related to mating and courtship, indicating that males may find wind turbines attractive for establishing mating territories. Male songs broadcast over considerable distances and could function as acoustic beacons attracting females to turbine sites. Analysis of 3D thermal detection shows that bat density is higher in the rotor swept zone than in the free air space surrounding turbines. This strongly suggests

that bats actively approach turbines, possibly in search of mating, roosting and/or foraging opportunities.

Fine-scale proximity to offshore wind turbine foundations increases biomass of demersal fish species – Bicknell et al. 2026

Offshore wind turbine fixed-bottom foundations provide artificial hard substrate through the water column that encourages marine flora and fauna to colonise and aggregate around the introduced structures, a well-documented phenomenon known as the 'artificial reef effect'. The cumulative impact thousands of turbine foundations at multiple offshore sites have on local and regional marine species populations and communities is not fully understood. Knowledge of the extent and magnitude of the reefing effect at a fine scale (single turbines) is a prerequisite to making broader-scale (single or multiple wind farms) predictions of population level and ecosystem changes caused by presence of offshore wind farms. The influence of fine-scale distance (<250 m) to turbine jacket foundations on abundance, biomass and size of demersal fishes was assessed at a northern latitude wind farm. Abundance and biomass of all demersal fishes, flatfish Pleuronectiformes spp. and haddock *Melanogrammus aeglefinus* were found to have a significant negative relationship with increasing distance from foundations.

National assessment reveals widespread wind farm impacts on land surface temperature and vegetation in China – Li et al. 2026

The rapid development of wind energy in China since 2000 has raised concerns about its impacts on local climate and vegetation. Despite regional and local studies, a comprehensive national assessment is lacking. Here, we analyzed the effects of 675 onshore wind farms, representing >90,000 identified wind turbines in China, on land surface temperature (LST) and vegetation using Moderate-resolution Imaging Spectroradiometer (MODIS) satellite data from 2003 to 2022. We found a daytime cooling effect of -0.05 ± 0.48 °C (mean ± STD) and a nighttime warming effect of 0.06 ± 0.28 °C across all wind farms. The construction of wind farm infrastructure initially reduced peak normalized difference vegetation index (NDVI) by -0.006 ± 0.036, and this adverse impact weakened over time (-0.004 after 7 years), indicating vegetation recovery. The wind farm impacts varied by land cover type. The nighttime warming was largest for barren lands (0.19 °C), followed by croplands (0.10 °C), grasslands (0.07 °C), and forests (0.01 °C).

News & Press Releases

Marine Energy

Construction continues for French full-scale wave energy demonstrator – Offshore Energy

Wave-Op, a joint venture between the Legendre Group and Geps Techno dedicated to innovation in coastal and port infrastructure, is progressing the construction of its first

full-scale demonstrator for what it describes as a unique wave-powered system, combining coastal protection and renewable electricity generation in Boulogne-sur-Mer, France. The company expects to step up the port infrastructure decarbonization game with this project. The approval for the construction of the Dike Wave Energy (Dikwe) project's full-scale demonstrator in the municipalities of Boulogne-sur-Mer and Le Portel came in March 2025. With the support of the Hauts-de-France Region and ADEME, it is expected to serve as a basis for experimentation and in-depth research on wave energy technologies, environmental monitoring, and the development of new industrial applications.

Eco Wave Power Reports March 2026 Production Results at Jaffa Port, Highlighting Potential to Power Coastal AI Infrastructure – Eco Wave Power

Eco Wave Power recently announced its wave energy production results for March 2026 at its EWP-EDF One pilot project located at Jaffa Port, Israel. During March 2026, the system operated continuously, with approximately six days experiencing moderate wave conditions in the range of 1 to 2 meters. During these days, the project generated more than 1,200 kWh of clean, renewable electricity. The March results are particularly notable as they reflect energy generation achieved during a limited number of operational days with moderate wave conditions, demonstrating the system's ability to efficiently convert commonly occurring sea states into electricity. Since the beginning of 2025, the EWP-EDF One system at Jaffa Port has maintained zero downtime, with stable operation recorded in wave conditions of 1 meter and above.

Ocean Power Technologies Secures Order for Fully Integrated WAM-V for an Underwater Research Customer in the Nordics – Ocean Power Technologies

Ocean Power Technologies, Inc. (OPT), recently announced it has secured a contract from a new Nordics based underwater research customer for a fully integrated Wave Adaptive Modular Vehicle (WAM-V) for immediate delivery. This contract expands the Company's previously announced expansion into certain regions in the Nordics, working with end customers and governments. The vehicle will be assembled immediately and shipped to the customer. OPT provides intelligent maritime solutions and services that enable safer, cleaner, and more productive ocean operations for the defense and security, oil and gas, science and research, and offshore wind markets, including Merrows™, which provides AI-capable seamless integration of Maritime Domain Awareness Systems across platforms.

Dr. Jitendra Singh inspects upcoming 'Ocean Thermal Energy Conversion' (OTEC) Project in Lakshadweep, first of its kind in the world – Government of India's Press Information Bureau

Union Minister for Earth Sciences and Science & Technology Dr. Jitendra Singh recently reviewed the progress of an Ocean Thermal Energy Conversion (OTEC) project during a visit to Kavaratti in Lakshadweep, as the government moves to strengthen freshwater availability and renewable energy use in island territories. The Minister inspected the

ongoing work at the OTEC-based desalination facility, a project designed to convert seawater into potable water by using the temperature difference between warm surface water and cold deep-sea water to generate energy. The energy produced is used to run desalination systems, aimed at providing a stable and sustainable supply of drinking water to the island community. Officials said the project seeks to address long-standing freshwater challenges in Lakshadweep, where limited groundwater, salinity intrusion and dependence on seasonal rainfall have constrained reliable water supply.

Wind Energy

New collaboration to scale up oyster reef development at offshore renewable infrastructure in the North Sea – The Rich North Sea

The Rich North Sea, the Native Oyster Restoration Alliance (NORA), and The Nature Conservancy (TNC) recently announced a new collaboration to accelerate the large scale development of European native oyster (*Ostrea edulis*) reefs at offshore wind farms in the North Sea. TOPPING – The Oystrification Program for Practical Integrated Nature Gain – aims to enable the standardized application of native oyster spat on offshore wind turbine foundations and cable crossings, transforming offshore wind infrastructure into long lasting new habitats that support marine biodiversity, improve water quality and strengthen ecosystem resilience. Together, the three organizations aim to develop a practical roadmap for the offshore wind industry, engaging developers, supply chain actors, policymakers and conservation organizations across the entire value chain.

After five years of successful operation: TetraSpar Demonstrator to be decommissioned – Stiesdal Offshore

TetraSpar Demonstrator ApS, a project company owned by Stiesdal Offshore, RWE and TEPCO Renewable Power, today announced the planned decommissioning of the floating TetraSpar Demonstrator. The operation, scheduled for the summer of 2026, marks the final phase of a five-year demonstration project and reflects the successful delivery of its objectives. The TetraSpar Demonstrator was originally developed in partnership between Stiesdal Offshore, RWE, Shell, and TEPCO Renewable Power. Shell is no longer part of the project. Since its installation, the TetraSpar Demonstrator has validated key design and industrialisation principles for floating offshore wind. Over nearly five years of operation, the system has delivered strong and reliable performance and valuable operational data to its partners.

Wind power with vision: World's first turbine with CO_2-reduced steel tower and recyclable rotor blades installed at Denmark's largest offshore wind farm – RWE

RWE has installed the world's first offshore wind turbine featuring a CO_2 reduced steel tower and recyclable rotor blades. This marks a major milestone in the construction of the 1.1 gigawatt Thor offshore wind farm off Denmark's west coast and represents a pioneering step towards further improving the sustainability performance of offshore wind. In total, 72 wind turbines, each with a capacity of up to 15 megawatts, will be

installed by the end of 2026. Half of them will be equipped with steel towers produced with a lower carbon footprint, while 40 turbines will feature a total of 120 recyclable rotor blades. RWE is the first company worldwide to use Siemens Gamesa's GreenerTower. The tower plates are made from steel that produces at least 63 percent lower CO_2 emissions than conventional steel.

European Offshore Wind Leaders Launch SEARÉNITÉ Consortium to Advance Marine Noise Mitigation – Sealence

Chantiers de l'Atlantique, EDF power solutions, Heerema Marine Contractors, Menck, RTE, Sealence and Smulders have formed a consortium to develop a cutting-edge noise mitigation system for offshore wind operations. While industry players have already implemented mitigation measures, Searénité aims to go further, introducing advanced technologies tailored to the marine environment to minimize potential impacts even more. The objective of the Searénité project is to adapt the SubSea Quieter®, an innovative technology designed to reduce underwater noise, to the specific requirements of floating wind turbine deep anchoring and offshore electrical substations foundations. Developed and patented by Sealence, SubSea Quieter® uses flexible panels made from an air-inflatable membrane. These panels are deployed underwater around offshore foundations during their installation, acting as an acoustic shield to reduce underwater noise.