

Video Links of Offshore Wind Development in International Jurisdictions

- [Offshore energy infrastructure and biodiversity \(youtube.com\)](#)

Source: Renewables Grid Initiative. (2023). Offshore energy infrastructure and biodiversity.

“Offshore electricity infrastructure has the potential to strengthen marine biodiversity. Check out the Energy & Nature Database from the Offshore Coalition for Energy and Nature (OCEaN) to learn more about our work promoting a renewables-based energy system with a grid that works for people, nature, and the climate: <https://linktr.ee/renewablesgrid>.”

- [How it all comes together at sea: installing an offshore wind farm \(youtube.com\)](#)

Source: Siemens Gamesa. (2021). How it all comes together at sea: installing an offshore wind farm.

“Have you ever wondered what happens when installing a wind power plant at sea? Watch this video and take the opportunity to get as close as possible to the installation of the giant offshore wind turbines.”

- [Constructing Hornsea Two, the world’s largest offshore wind farm \(youtube.com\)](#)

Source: Ørsted. (2022). Constructing Hornsea Two, the world’s largest offshore wind farm. *“89km off the UK coast in the North Sea, we’re building Hornsea Two, which will become the world’s biggest offshore wind farm once complete in 2022. With its 165 wind turbines, each with a capacity of 8 MW, Hornsea Two will supply renewable energy equivalent to the annual power consumption of over 1.3 million local homes. Learn more from our colleague Joe as he gives a tour around the pre-assembly site at Hull and the offshore construction site and tells us why an offshore wind job gives him the best office in the world.”*

- [The Potential of Offshore Wind Energy | ncIMPACT | PBS North Carolina \(youtube.com\)](#)

Source: PBS North Carolina Channel. (2023). The Potential of Offshore wind Energy. *“Local and state leaders are working to bring offshore wind power to the North Carolina coast. A recent report shows the state could bring in \$4.6 billion and 10,000 jobs over three years from offshore wind energy. Join us as we visit coastal communities that are preparing to fill workforce needs related to offshore wind development.”*

- [First American ship for offshore windfarms takes shape - CBS News](#)

Source: CBS News. (2023). First American ship for offshore wind farms takes shape. *“This summer, dozens of massive wind turbines are starting to sprout in the waters off the East Coast. Down along the Gulf Coast, an innovative new ship custom built to service them is giving a jobs lifetime to a community in need. Ben Tracy has the story.”*

- [Wind Energy | Future of Renewable Energy | Full Documentary \(youtube.com\)](#)

Source: The Machinist TV. (2021). Wind Energy – Future of Renewable Energy. *“Wind power is one of the fastest-growing renewable energy technologies. Usage is on the rise worldwide, in part because costs are falling. Global installed wind-generation capacity onshore and offshore has increased by a factor of almost 75 in the past two decades, jumping from 7.5 gigawatts (GW) in 1997 to some 564 GW by 2018, according to IRENA's latest data. Production of wind electricity doubled between 2009 and 2013, and in 2016 wind energy accounted for 16% of the electricity generated by renewables. Many parts of the world have strong wind speeds, but the best locations for generating wind power are sometimes remote ones. Offshore wind power offers tremendous potential.”*

- [How do offshore wind turbines work? \(youtube.com\)](#)

Source: Interesting Engineering. (2020). How do offshore wind turbines work? *“Energy companies around the world are storing wind energy with wind turbine farms and channeling it to our homes as electricity. But did you ever wonder how these wind turbines work? Do onshore and offshore wind turbines work according to the same principle? If you want to get the answers to such questions and learn more about how wind turbines work, watch our video.”*

- [What oil platforms can teach us about offshore wind farms' future | Emily Hazelwood | TEDxPortsmouth \(youtube.com\)](#)

Source: TEDx Talks Portsmouth. (2023). What oil platforms can teach us about offshore wind farms' future with Emily Hazelwood. *“What if offshore wind turbines could do more than just produce energy, but provide society with a sustainable source of food, jobs, and power? Drawing on her experience converting offshore oil platforms into artificial reefs, marine conservation biologist Emily Hazelwood reimagines the future of our offshore energy landscape by exploring areas in our oceans where industry and the environment doesn't just co-exist, but thrive. Emily is a co-founder of Blue Latitudes, a women-owned marine environmental consulting firm. In 2018 she was recognized on Forbes 30 Under 30 list for her work developing sustainable, creative, and cost-effective solutions for the environmental issues that surround the offshore energy industry. Emily Hazelwood is a marine conservation biologist, explorer, and entrepreneur. She's a co-founder of Blue Latitudes, a women-owned marine environmental consulting firm, where she works repurposing offshore oil platforms as artificial reefs. Her research, fundamentally based in creative thinking, stretches from the sea surface to the deepest oceans. As a leader and explorer, Emily is committed to elevating the scientific understanding of our oceans in communities worldwide. In 2018 she was honored on the Forbes “30 Under 30” List for her work developing sustainable, creative, and cost-effective solutions for the environmental issues that surround the offshore energy industry. This talk was given at a TEDx event using the TED conference format but independently organized by a local community.”*