



## Press release

# RWE launches floating wind virtual classroom

- **To mark Global Wind Day, RWE has launched its floating wind educational hub**
- **The floating wind virtual classroom provides stakeholders and communities with a one-stop-shop for digestible information on the innovative technology**
- **Providing in-depth videos and graphics, RWE unveils what happens behind the scenes of floating wind**

Swindon, 15 June 2022

To mark Global Wind Day, RWE, one of the world's leading renewable companies, has launched its educational hub designed to make learning about floating wind interactive and accessible to all.

Floating wind technology presents an opportunity to harness the untapped potential of deep water coastal areas such as those off the coast of Wales in the Celtic Sea, and which are not accessible to conventional fixed bottom offshore wind farms.

This new clean energy source and the technology is constantly evolving. RWE is emerging as a market-leading floating wind player in strategic markets around the world, with an aim to have 1 Gigawatt under construction by 2030. To gain early experience, RWE is participating in high-profile floating demonstration projects; [TetraSpar](#), [DemoSATH](#) and [Aqua Ventus](#).

To help stakeholders understand this complex technology, RWE has drawn upon its extensive floating wind expertise and invested in a package of free-to-use floating wind educational materials.

Sven Utermöhlen, CEO Offshore Wind, RWE Renewables: "Floating wind technology has the potential to reshape global energy focus and help countries pursue their goals towards net zero. We're committed to playing a leading role in deploying this innovative technology especially to unlock opportunities in countries with deeper coastal waters, such as in the Celtic Sea, or our demonstrator sites in Spain, the United States and Norway."



# RWE

“We know that there are a number of questions that communities, stakeholders and media have around this technology. That is why we have invested in the launch of the one-stop-shop, floating wind virtual classroom. It will provide a go-to hub containing information on how floating wind turbines work and how they are built. Through a combination of FAQs, animations, and graphics, we have sought to bring floating wind to life.”

RWE’s floating wind virtual classroom provides a digestible understanding of the components of floating wind platforms and the innovative engineering solutions that allow them to function in deep water. The classroom also provides a series of videos and graphics to make learning about wind energy an engaging and interactive experience.

Beyond digging into how floating wind farms and technology works, RWE presents key facts on why and how floating wind can be used to help the UK achieve its net zero emissions targets. The virtual classroom provides users with answers to key questions such as *what is floating wind?* And - *how do floating wind turbines float and stay in place?*

Global Wind Day is an annual event led by the Global Wind Energy Council that aims to drive awareness of the possibilities of wind energy to support global net zero ambitions, whilst providing jobs and economic growth.

[Find out more about Floating Wind at RWE’s Floating Wind Education Hub.](#)

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## RWE floating projects

*The most advanced project is the TetraSpar in Norway, deploying a tubular steel structure with a suspended keel. The 3.6 megawatt turbine has been deployed on site, 16 kilometres off the Norwegian coast near Stavanger in waters as deep as 200 metres.*

*The DemoSATH project, is a concrete twin-hull barge structure, made of modular, pre-fabricated components. The design has a single point of mooring, which means it aligns itself to the current and wave direction. The US project Aqua Ventus, is a partnership with Diamond Offshore Wind and the University of Maine and will deploy a concrete semi-submersible structure.*

## RWE

*RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas.*

*RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction*

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targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

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