



The smart environmental solution for offshore wind farm scour protection

Exo Engineering is developing nature-inclusive scour protection solutions that combine infrastructure performance with marine habitat creation. By integrating sustainability into design and manufacturing, they are helping offshore wind projects meet environmental targets while protecting critical assets.

Before

Exo began developing ecologically enhanced scour protection solutions in 2019, progressing the technology to TRL7 through early R&D. With growing demand for sustainable offshore wind solutions, the business set out to scale its approach and move towards commercial production. To accelerate this transition and validate large-scale deployment, Exo secured OWGP Development Grant support.

During

Through the project, Exo advanced product design, manufacturing capability and deployment strategies, working closely with partners across industry and academia. Insights from the OWGP WEST programme helped shape their understanding of market needs, regulatory requirements and biodiversity opportunities. This enabled the team to refine their approach and prepare for industrial-scale production of nature-inclusive scour protection systems.

After

Exo has rapidly evolved from a single concept to a portfolio of commercially available products, successfully advancing its technology to higher readiness levels. With proven solutions now ready for deployment, the business is scaling production, expanding its intellectual property and positioning itself for growth in international offshore wind markets.

How does this help deliver the IGP?

- Supports nature-inclusive design across offshore wind developments
- Helps developers meet biodiversity and environmental targets
- Reduces environmental impact while maintaining asset protection
- Strengthens UK leadership in sustainable marine innovation

Nature inclusive design is turning essential infrastructure into thriving marine habitats, without compromising performance.



3 jobs created



5 products commercialised



Smart environmental services

“ We’ve taken our solutions from concept to commercial reality, through having the right backing. ”

William Coulet MSC
Managing Director | Exo Engineering
exo-engineering.co.uk

