

OFFSHORE RENEWABLES

Delivering Services and Regulatory Support for a Sustainable Energy Future

A LEGACY OF EXCELLENCE

For over 70 years, ABS has remained the dedicated leader in supporting the offshore energy industry, achieving safety, regulatory compliance and operational excellence. Our goal is to help developers and operators achieve their project goals safely and responsibly.

SERVICES DESIGNED TO SUPPORT OFFSHORE RENEWABLES

ABS' services are integral to the success of offshore renewable projects.

- **Technical Engineering and Advisory Services:** Comprehensive support during the early stages of project development, including feasibility studies, risk assessments and preliminary design reviews.
- **Certification Services:** Rigorous certification processes that verify compliance with international and local standards, enhancing project credibility and stakeholder confidence.
- **Verification Services:** Independent verification services for maintaining the integrity, accuracy and reliability of design, construction and operations. These services include independent third-party verification, document review and approval, inspection and testing, data verification, performance verification, risk management assessments and compliance audits, among others.
- **Class Services:** Classification services that cover the entire life cycle of the asset, from design review, construction, installation and operation, and maintenance. Our class requirements provide a framework for sustaining long-term safety and performance.
- **Risk Mitigation:** Proactive risk management strategies designed to identify and address potential issues before they impact project timelines or safety. Our services include risk assessments, safety audits and contingency planning.
- **Regulatory Compliance:** Leading guidance on how to best navigate complex regulatory environments, in support of all aspects of a project meeting applicable rules, laws and standards.
- **Sustainability Services:** Comprehensive support for sustainability initiatives, including ESG reporting, sustainability reporting and assurance, sustainable procurement practices, carbon accounting, etc. ABS also assists with digital sustainability strategy development.



WindFloat I: First semisubmersible offshore wind turbine certified by ABS.



Kincardine: ABS-classed and the world's largest floating offshore wind farm when installed.

SUPPORT BY SECTOR

ABS offers a comprehensive range of services to assist offshore renewable energy projects in meeting safety and regulatory standards.



Offshore Wind (Fixed and Floating): Providing in-depth verification, certification and classification services to verify safety and efficiency of offshore wind installations. Our team can support across the full life cycle, from preliminary project support and risk mitigation strategies to ongoing operational and maintenance guidance.



Offshore Solar: Delivering services to address the unique challenges of offshore solar installations. Our services include certification, safety assessments and compliance verification to facilitate the successful deployment of solar energy systems at sea.



Offshore Tidal: Offering guidance, certification and risk assessment services to support the safe and compliant deployment of tidal energy systems. Our technical services assist these projects to meet rigorous safety and performance standards.



Offshore Green Hydrogen: Supporting the development of offshore green hydrogen production with a full suite of safety, regulatory and certification services.



Offshore Thermal: Providing technical support and certification services for offshore thermal energy projects. We help developers navigate regulatory and compliance requirements of thermal energy systems offshore.



GLOBAL REACH, LOCAL SUPPORT

ABS is positioned to provide timely and effective support tailored to the specific needs of each project, ensuring compliance with local and international regulations.



COMMITMENT TO INNOVATION AND SUSTAINABILITY

ABS is committed to supporting the offshore renewable energy sector through continuous improvement and a dedication to sustainability. Our proprietary tools and digital solutions are designed to enhance performance and extend the lifecycle of renewable energy installations.

WHY WORK WITH ABS?

- **Proven Experience:** Over seven decades of involvement in the offshore energy industry.
- **Comprehensive Services:** Supporting projects from initial development to ongoing operations and decommissioning.
- **Approval in Principle (AIP):** Issued for novel and innovative design concepts; this early-stage assessment assists to verify the feasibility of a design.
- **New Technology Qualification (NTQ):** Issued to qualify new and emerging technologies, giving stakeholders confidence in their application and performance in real-world conditions.
- **Global Presence:** A worldwide network to provide support wherever your project is located.
- **Innovation and Safety:** Utilizing advanced digital tools and maintaining the highest safety standards.

PARTNER WITH ABS

ABS is here to support your offshore renewable energy projects. For more information or to start a conversation, contact us at GlobalOffshore@eagle.org or visit our website at www.eagle.org/offshore.



WORLD HEADQUARTERS

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