

INDEPENDENT ENGINEERING & TECHNICAL DUE DILIGENCE

SUPPORTING STRATEGIC DECISION-MAKING WITH TECHNICAL BUSINESS ADVISORY FOR RENEWABLE ASSETS.

When assessing a renewable energy project, company or technology for acquisition, lending or investment, stakeholders need far more than the information presented to them. They must understand the resilience of existing revenue streams, the integrity of underlying assets, and any liabilities that may be obscured within financial or operational records.

Technical due diligence is, therefore, a critical component of the decision-making process in a strategic commercial transaction.

Supporting the bankability of renewable projects through independent, expert advisory.

OWC applies its enhanced independent engineering and due diligence expertise to all renewable energy projects, supporting clients throughout the full transaction process. We provide technical and business advisory that underpins financing, acquisition, sale and refinancing decisions — ensuring owners and financial institutions have a clear, robust understanding of asset integrity, risk profile, performance, and long-term value.

With a combination of renewable energy engineers who have overseen engineering and project management from the first concepts to the operational phase; and mariners from our sister company ABL, who have overseen vessels, rig moves, and major marine operations, OWC is extremely well-placed to perform solid, independent technical due diligence.

Why Independent Engineering Matters



LIMITED TRANSPARENCY INTO
ASSET INTEGRITY AND TRUE
CONDITION



UNCERTAINTY IN REVENUE
PERFORMANCE AND LONG-TERM
VALUE



HIDDEN RISKS AND LIABILITIES
IMPACTING VALUATION AND
RETURNS



NEED TO DEMONSTRATE
BANKABILITY UNDER TIGHT
TRANSACTION TIMELINES

Our Solutions

OWC provides an unparalleled technical and commercial assessment during the due diligence phase of any green energy investment phase: (organise bullets below accordingly into columns if possible):

- Pre and post-contract reviews
- Vendor's, lender's, acquisition TDD
- Assessment of project schedule feasibility
- Review of studies, e.g. grid, geo, hydrology, etc.
- DEVEX, CAPEX and/or OPEX budget evaluation
- Evaluation of operating and maintenance concept & costs
- Review of logistic concepts for construction and operation
- In-house Energy Yield Assessments (EPA), including check of applied uncertainties and technical loss factors [CA1.1]
- Technology assessment
- Monitoring – construction and operational

With Lender's interests in focus, we review technical and commercial risks, and support in :

- Bankability assessments, risk assessment and stress tests
- Bank launch and Lenders TDD report
- Compliance check with Equator Principals
- Project and Lenders support during Financial Close (FC)
- Working out contractual conditions (CS/CP)
- Construction monitoring
- Operational monitoring
- Draw down and waiver requests support
- Acceptance and takeover support
- Offshore site visits
- Onshore site visits on manufacturing and assembly facilities
- Technical notes and LTA statements
- Additional technical assessments to support lenders decision making process

Engineering in Numbers



100+ PROJECTS



100+GW OF RENEWABLE CAPACITY IMPLEMENTED FROM TECHNICAL DUE DILIGENCE ROLES



7,500 MW OF LENDER'S TECHNICAL ADVISORY ROLES



330+ OFFSHORE WIND PROJECTS

Our Value



Independent technical subject matter expert



High focus on bankability with award-winning recognition for our technical advisory services



Integrated multi-disciplinary engineering teams operating in energy and oceans



Deep understanding of technical performance & regulatory compliance requirements & related costs

Global Partner. Local Expert.

OWC: The Renewable Energy Consultants. Dedicated engineering, technical advisory and consultant for the commercial development of offshore and onshore renewable energy.