Quest
Fixed & Floating Wind Energy
Commercial Offering

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a Quest Offshore Resources company
The Quest Offshore Wind Turbine Index (QOWTI) illustrates the Total Addressable Market for global Offshore Wind. QOWTI analyzes key economic indicators and provides an overview of Supply Chain opportunities by segment (array km, export km, mooring line length, number of anchors, etc.).

**QOWTI** spots important leading indicators such as average rotor diameter, average distance to shore, average MW per unit, average number of units per project in addition to benchmarking of key metrics and CapEx trends.

The creation of QOWTI for the offshore wind industry is inspired and modeled after Quest Offshore’s Deepwater oil & gas data that was streamed-into the Bloomberg terminal for many years.

**Total Addressable Market (TAM)** - the competitive landscape of Global Offshore Projects stages of “under development”, “planned” and “possible”. Counts exclude non-competitive areas such as China. Online projects excluded.

Available as an Excel subscription updated monthly.

$995 per year | single-user

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Quest’s LCoE Modeling capabilities are illustrated in this scatter plot chart for 160 Fixed and 43 Floating Wind Projects. This Power BI scatter plot chart and regression analysis demonstrate modeled LCoE values allowing comparisons between projects already built and those planned in the future. As illustrated, when comparing the Levelized Cost of Energy between Fixed and Floating wind projects by project size (in number of units), you can see the steady progression towards lower costs for each, in addition to the cost benefits from Economies of Scale related to large sized projects. Also shown are the relationships between select pre-commercial and commercial projects. In Fixed we see increased project size not always resulting in lower costs. Economies of scale are easier to identify in Floating wind. The cost reduction between Eolfi’s Groix Belle Isle pre-Commercial and Bretagne Sud looks to see a decline in costs greater than 60%. Moreover, we fully expect that once 100-to-200 unit projects become the norm, that their costs will come-in well under $100 MW/h.
Q FWE's proprietary Fixed and Floating Offshore Wind Database tracks the global universe of wind energy projects. Available as an Excel subscription delivered monthly.

To start your annual subscription please contact David Southerland at david.southerland@questfwe.com or +1 (832) 862-3390.

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**What are my opportunities?**
- 11,462 turbines to be selected
- 6.6 million meters of mooring cable to be awarded
- 1,328 floaters without a firm design type selected
- 8,081 anchor types to design & manufacture
- 19,548 km array cables
- 6,328 km export cables

**Entry-Level Package**

Q FWE’s Floating Offshore Turbine Database presents nearly 50 data fields for all floating wind energy projects.

Available as an annual subscription delivered monthly for $595 (single-user)

Sample Floating Project

<table>
<thead>
<tr>
<th>Name</th>
<th>Capacity</th>
<th>Region</th>
<th>Program</th>
<th>Type</th>
<th>Onshore/Offshore</th>
<th>Offshore Year</th>
<th>Tower Height</th>
<th>rotorDiameter</th>
<th>hubHeight</th>
<th>Nacelle Diameter</th>
<th>Foundation Type</th>
<th>jacketDepth</th>
<th>Mooring System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.6 MW</td>
<td>Europe</td>
<td>Test</td>
<td>6</td>
<td>Offshore</td>
<td>2021</td>
<td>750 m</td>
<td>110 m</td>
<td>75 m</td>
<td>20 m</td>
<td>Monopile</td>
<td>30 m</td>
<td>Tension Leg</td>
</tr>
</tbody>
</table>

**Entry-Level Package**

Q FWE’s Fixed Offshore Turbine Database presents nearly 40 data fields for all possible, planned and under development bottom-fixed offshore wind energy projects.

Available as an annual subscription delivered monthly for $795 (single-user)