

Okay ... now ... how are we going to build this project?

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A single U.S. offshore wind energy project may have upwards of 1,000 permit requirements, conditions, and other environmental protection or impact mitigation commitments, representing significant financial and schedule burdens and risks. Therefore, implementation of an effective environmental compliance program must begin well before construction activities start.

Challenges

- Complex information flows
- Multi-phased work scopes
- Multi-layered jurisdictional requirements
- Large workforces
- Seasonal work restrictions
- Offshore and onshore work locations

Opportunities

- Integrated permitting and compliance team
- Experienced environmental monitors
- Scalable information management systems
- Dedicated coordination functions

Complex permitting requirements are common to all U.S. offshore wind energy projects. There are several essential steps to mitigate the schedule and cost risks as construction begins and compliance activities ramp up.



Download the full paper (or other reference material) here

Environmental Compliance Components



DECISION DOCUMENTS

- Permits
- MOA
- Plans
- Easements
- Crossing agreements



PEOPLE

- Consultations
- Notifications
- Reporting
- Training
- Monitoring/inspection



CONSTRUCTION

- Design
- Sequence
- Technologies
- Procedures
- Inspection

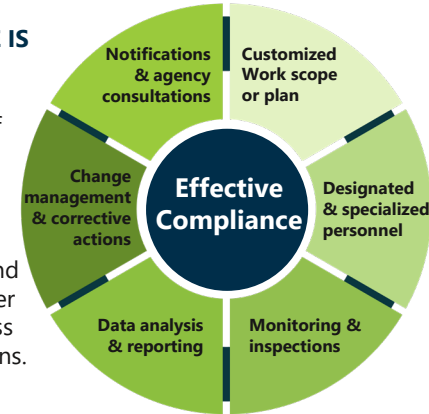


RESOURCE PROTECTION

- Take limits
- Work restrictions
- Monitoring/reporting
- Remote sensing

COMPLIANCE IS ACHIEVED

through a complex set of coordinated actions performed by contractors, consultants, and developers over time and across project locations.



OFFSHORE
WINDPOWER

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