



“SUPPLY RISK ANALYSIS AND MITIGATION” CASE STUDY

“Exactly what we asked for.”
– President, Offshore Wind Business



ABOUT THE CLIENT

Industry	Wind Power
Investment	\$25+ billion
Employees	40,000 (parent company)
Location	Offshore UK
BSI Service or Solution	Supply Chain Strategy

Key Challenges

- Rapidly changing technologies, suppliers, and economics
- Complex interrelationships between key decisions
- Six-stage, seven-year construction program expanded the range of possible supply chain options
- Hard deadlines
- Major supply commitments required pre-FID (before budget authorization)

Project Scope

- Wind turbines
- Foundations
- Electricals
- Installation

Operational Benefits Realized

- Robust plan to meet all deadlines and maximize profit by leveraging proven supply chain strategies
- Identification of bottlenecks and plans to mitigate them
- Quantification of needed financial commitments
- Internal alignment around supplier partnering strategies

Why BSI was Selected

- Deep experience in oil and gas exploration and production project management
- Decision-making tools and processes to help evaluate complex technology and economic trade-offs
- Intimate familiarity with the major suppliers involved
- Marine logistics expertise
- Onsite, local consultants

Project Approach

- Stakeholder interviews
- Master supply chain planning
- Category sourcing strategies
- Financial modeling
- Implementation planning

Financial Benefits Realized

- 13% reduction in projected capital and operating expenses
- Minimization of risks by locking in a feasible project plan
- Minimization of internal supply chain management costs