PROJECT PROFILE:
RENEWABLE ENERGY

# QHSSE Services Move Belwind Farm Safely Toward Operations

## Integrity Management

*"The proactive and practical QHSSE system that was developed and implemented on the project enabled Belwind to assure a high quality and a safe project execution. It allowed us to monitor closely the performance of our contractors and subcontractors."*

**Frank Coenen, CEO for Belwind nv.**

### Situation

The 17 km² Belwind offshore wind farm is on the Bligh Bank, 46-52 km off the coast of Zeebrugge, Belgium. Representing an investment of over 600 million Euros, Belwind should be able to provide 175,000 households in Belgium with green power over 20 years, avoiding 270,000 tons of CO2 per year. Teamwork made it possible to develop the wind farm in a record time of 3.5 years and to build it in only 15 months.

### Approach

To support the client in creating a safety culture that permeates the organization, ABS Consulting implemented a Quality and Health, Safety, Security and Environmental (QHSSE) solution that helped the client establish, manage and monitor activities. With decades of experience in QHSSE management and execution, ABS Consulting worked to realize rigorous testing plans that met or exceeded QHSSE and reliability requirements.

### Result

A proactive and practical QHSSE system was used to identify and proactively mitigate the potential effect of any deterioration of performance indicators and non-conformance. The system was applied so that the project would comply with industry best practices as well as Belgian statutory requirements. The client/employer was able to supervise the QHSSE standards of contractors and subcontractors and act proactively when necessary.

### Benefits

The proactive and practical QHSSE system enabled the project to obtain and maintain a high quality and safe project execution with the result of zero serious accidents or non-conformances. ABS Consulting is now organizing the move from construction to the production phase. Team efforts helped the project to continue with a safe operation and optimize the lifetime revenue produced by the wind farm.