Part of Valinor Energy

Blue Wind is a company that develops innovative solutions for next generation offshore wind farms.

Valinor is the majority owner of Blue wind, and the largest privately held wind- and solar producer in Norway.

With 900 MW+ of renewable energy projects, these companies represent Valinor Energy: Investments for a better future.
Our history

Blue Wind was founded in 2019.

Blue Wind has matured to a truly innovative concept, based on best practices from the O&G industry in the demanding North Sea.

The technology is scalable to 12 MW+, cost effective to manufacture, install and maintain throughout the project's lifetime.
Low manufacturing cost

Less steel necessary below the water line to achieve stability and buckling resistance.

The «two tower» design of Blue Wind optimizes the existing work processes of steel mills.
Low installation cost

Float and sink tower and support structure.

No need for heavy lifting vessel (HLV) during off-shore installation.
Low maintenance cost

Lowering towers allows smaller vessels access to perform necessary inspections or repairs without the use of heavy lifting vessels (HLV).

Quick response time with smaller vessels and access to perform repairs ensures availability and minimum downtime.
Scalable

Support structure is scalable to 12 MW+ while maintaining stability and reduced hub movement.
Proven technology

The Blue wind concept is innovation based on best practice from the O&G sector in the demanding North Sea.
Structure and collaborators

Companies

• Valinor – Majority owner
• Norce – Construction specifications
• ICON Systems – Systems for energy, control og monitoring
• Mossmaritim – Structure
• Norsk Vind – Experience and network
• Stavanger Engineering – Experience and network