



Youwind and Orkuveitan Partner to Accelerate Wind Energy Development in Iceland

As Iceland continues to explore new pathways for renewable energy growth, the ability to move wind projects from concept to reality efficiently has never been more important. For Orkuveitan (Reykjavik Energy), one of Iceland's leading energy companies, that challenge is being addressed through technology.

Orkuveitan has adopted Youwind's digital wind development platform to help evaluate the technical and economic viability of onshore wind energy opportunities. The agreement marks an important step in the company's strategy to expand renewable energy generation and build a stronger foundation for Iceland's future energy needs.

A New Approach to Wind Energy Development

Developing wind energy projects involves balancing a wide range of factors, from wind resource assessment and technical design to environmental considerations, permitting, and financial analysis. Traditionally, these activities often require multiple tools and disconnected workflows. By bringing these processes together into a single platform, Orkuveitan can work more efficiently across several projects simultaneously while maintaining consistency in data, methodology, and decision-making.

With Youwind's solution, project teams can evaluate potential sites, compare development scenarios, calculate expected performance, and assess costs within one integrated environment. This streamlined approach reduces the time spent on analysis and layout design while enabling teams to explore more opportunities than previously possible.

Integrating Environmental Considerations Early

The platform also supports environmental planning from the earliest stages of development. By identifying potential impacts related to visibility, shadow flicker, and site-specific environmental considerations, project teams can make more informed decisions and incorporate mitigation measures before projects advance further in the development process.

According to **Dr. Viktoría Gísladóttir, Project Manager for New Energy Sources at Orkuveitan**, the platform has already delivered significant value:

"Youwind has provided Orkuveitan with extremely valuable insights and powerful tools that strengthen development work in wind energy in Iceland — both in detailed feasibility and design studies for onshore wind."



Supporting Iceland's Renewable Energy Future

For Youwind, the collaboration demonstrates how digital tools can help accelerate renewable energy deployment while maintaining the flexibility required for modern project development.

*"Onshore wind energy projects require speed as well as adaptability," says **Edvald Edvaldsson, CTO of Youwind.** "The Orkuveitan team has been incredibly effective in implementing and analyzing new wind energy opportunities, which is enormously important for the development of electricity and infrastructure in Iceland over the coming decades."*

Looking ahead, Orkuveitan plans to continue using the platform throughout permitting and planning activities, integrating environmental and stakeholder considerations directly into the development process. With three onshore wind projects currently under development, Reykjavik Energy is taking purposeful steps to increase and diversify renewable energy production in Iceland.

A Digital Wind Development Platform with Global Reach

The collaboration also reflects a broader trend across the global wind industry. As projects become more complex and timelines more demanding, developers increasingly rely on digital tools to improve accuracy, reduce risk, and make better decisions earlier in the process.

Already used by leading renewable energy companies in markets including Spain, the United Kingdom, Denmark, and Japan, Youwind's digital wind development platform supports both onshore and offshore projects. By helping developers evaluate sites, optimize layouts, and understand project economics within a single system, the platform is contributing to a new generation of faster, smarter, and more sustainable wind energy development.

For Iceland, that means turning wind energy potential into real-world projects more efficiently and bringing the country one step closer to its renewable energy ambitions.