



How Will a New Digital Planning Tool Make Wind Turbines Faster and Less Expensive to Install?

When it comes to clean energy, wind is king. This is why energy companies and governments around the world turn to Vestas Wind Systems for safe and reliable wind turbine development, installation, and servicing. Having installed roughly 60,000 turbines over its 35-year history, Vestas knows how complicated such projects can be. This was compounded by manual planning with whiteboards and paper that made it difficult to share information with anyone off-site.

To digitalize and standardize its planning processes, Vestas launched its OnePlan application built on SAP® Cloud Platform and using SAP Cloud Platform SDK for iOS. The reliability of the platform combined with the user-friendly iOS interface will make OnePlan an application workers in the field can count on – whether on- or offline. And real-time data updates to back-end SAP applications will mean other teams, suppliers, and customers can be kept up to date on changes as they happen – helping streamline projects, lower costs, and increase value for customers.





“The planning process for a new turbine project takes a lot of time – and plans change daily, especially in remote locations. The goal is to speed execution and lower costs while maintaining the reliability our customers expect.”

Asier Vega Sanchez, IT Architect for the Construction Business, Vestas Wind Systems A/S

IT architect teams at Vestas have changed dramatically in recent years – moving their role from pure development to becoming strategic business partners focused on meeting the needs of the company as a whole. This means introducing new technologies that will benefit the business. So when tasked with creating a digital planning application for wind turbine installation projects, the IT team for construction turned to longtime partner SAP. With SAP® Cloud Platform, the team’s new OnePlan application is supported by a reliable platform that fully integrates with other back-end SAP solutions – enabling data to be shared in real time.



60,000

Turbines installed in the company’s 35-year history



First

Wind power plant in more new markets than any other



83 GW

Of installed wind power



>71 GW

Under service across the globe





Digitalizing On-Site Planning with the OnePlan Running on SAP® Cloud Platform



Vestas Wind Systems A/S
Aarhus, Denmark
www.vestas.com

Industry
Utilities – wind power

Products and Services
Design, manufacturing, installation, and servicing of wind turbines

Employees
16,000

Revenue
€10.2 billion (2016)

SAP® Solutions
SAP® Cloud Platform and SAP Cloud Platform SDK for iOS

Wind turbine installation is complicated and requires intense planning – which often happens in remote areas with harsh weather conditions. To standardize its planning processes, Vestas Wind Systems launched the OnePlan application using SAP Cloud Platform and SAP Cloud Platform SDK for iOS.

Before: Challenges and Opportunities

- Digitalize on-site planning activities so the data can be communicated to other teams, suppliers, and customers in real time
- Improve planning to accelerate project execution and lower costs
- Remain the market leader for wind energy solutions

Why SAP and Invokers

- Longtime customer with proven success using a number of SAP solutions
- Reliable technology of and clear road map for SAP Cloud Platform, making it the platform of choice for OnePlan and other projects
- Outstanding user experience and inherent security of Apple's iOS
- Experienced SAP partner to translate business requirements into beautiful and intuitive user interfaces

Expected: Value-Driven Results

- Faster planning execution, which increases cash flow, enables a stronger business case for customers, and provides a competitive edge
- Ability to deliver projects on time or earlier than expected, increasing value for customers
- Data-gathering capabilities that will allow for comprehensive planning analysis of many projects with the goal of improving lead times and further accelerating execution
- One centralized plan that construction crews, subcontractors, and the customer staff can work with together, ultimately reducing labor hours and costs as well as crane rental costs

“Choosing SAP Cloud Platform for OnePlan was a strategic move for us. We will also use it in other areas. With SAP Cloud Platform SDK for iOS, we have the **reliability and simple user interface we need when working at remote sites.”**

Asier Vega Sanchez, IT Architect for the Construction Business, Vestas Wind Systems A/S

Featured Partner



1 plan

For everyone working on a project, helping save time and money

Sharper

Competitive edge



Learn more about the benefits Vestas expects to see from OnePlan and SAP Cloud Platform.

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