



Visual Detection Technology in Siemens Gamesa

Wind Power Blades & Beyond

About me



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Program Manager in Service PLM

Responsible for Siemens Gamesa Inspection & Data Analysis Concept

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Background

- Lives in Vejle and works in Brande, Denmark.
- 2,5 years as Business Startup Consultant for SET
- 5,5 years as project manager in Siemens Wind Power A/S
 - IT, Digitalization, Big Data & Analytics

Agenda: Visual Detection Technology in Siemens Gamesa

Blades & Beyond

- 1 Siemens Gamesa Intro**
- 2 Siemens Gamesa Current Capabilities, Experience and Ambitions**
- 3 Expectations to Inspection Suppliers & Technology Developers**
 - 3.1 Technology**
 - 3.2 Quality & Operational Performance**
- 4 Thoughts on Standards**
- 5 Q&A**

Key figures of the combined business



€11 bn

Revenue



27,000

passionate employees



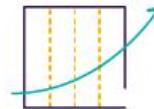
75 GW

Installed capacity worldwide



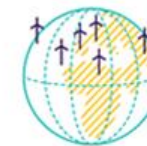
€21 bn

of order backlog



€1 bn

Adjusted EBIT



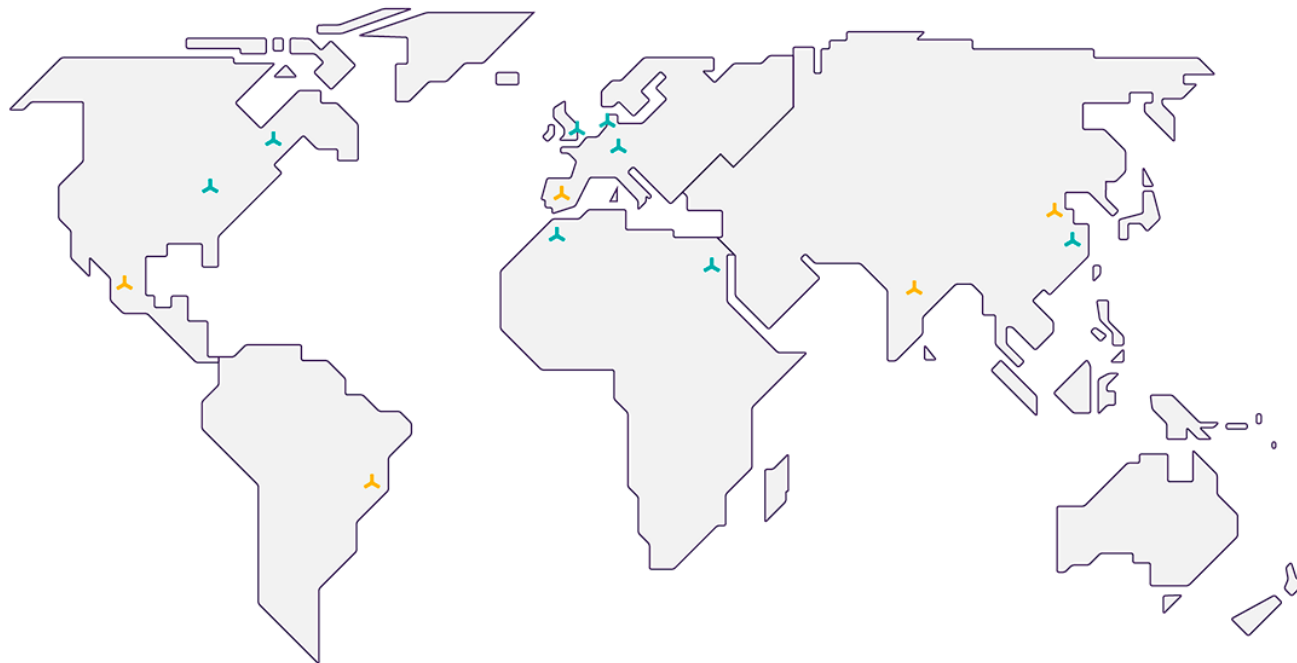
+90


countries with installed wind turbines

Siemens Gamesa





Locations & Product Portfolio

United, our wind power products and technologies are being used in more than 90 countries, across five continents, onshore and offshore.



-  Main Location and Factories Siemens Wind Power
-  Main Location and Factories Gamesa

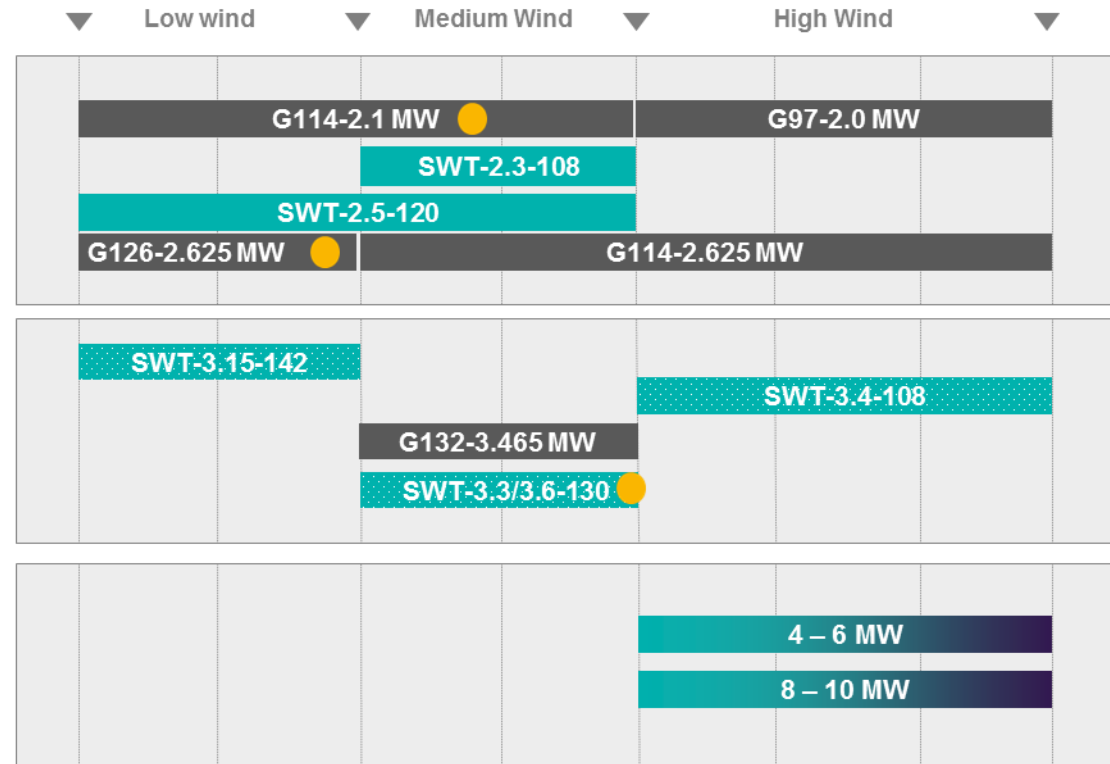


-  Siemens platform
-  Gamesa platform
-  Adwen platform
-  Industry Awards
2014-2016
"Wind Power Monthly"

Onshore < 3 MW

Onshore > 3 MW

Offshore



Gamesa 2.0 MW platform: Geared turbine with DFIG
 Gamesa 2.5/ 3.3 MW platforms: Geared turbine with DFIG (PMG + FC optional)
 ADWEN 5.0/8.0 MW platform: Geared turbine with PMG + FC

Siemens G2 platform: Geared turbine with asynchronous generators and FC
 Siemens D3/D6 platform: Direct Drive turbine with PMG + FC



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