

Vestas®

Wind. It means the world to us.™



Welcome to Vestas

ICEWIND Final Workshop December 3rd 2014

IceWind

Wind. It means the world to us.™

Our vision

Bringing wind on par with oil and gas

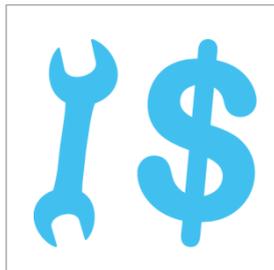
Our aspiration, stated through our vision, is a society where at least 20% of the global electricity supply is provided by wind.

Wind is...

Reducing green house gas emissions and **climate change**



On par with **oil and gas**



Building **energy security**



Reducing dependence on fossil fuels



Vestas in **brief**

17,000

We employ around 17,000 people worldwide from 85 nationalities and have more than 30 years of experience with wind energy

26,000

We monitor almost 26,000 turbines, or 45000 MW, day and night and the data is used for efficient service planning and pre-emptive maintenance

50,000

We have installed close to 50,000 turbines in 73 countries worldwide spanning six continents

€ 7.2b

Vestas revenue at the end of 2012 was EUR 7.2 billion



Our journey



1898:
Blacksmith H.S.
Hansen arrives in
Lem



1945:
VEstjysk STaalteknik
A/S becomes VESTAS



1979:
First turbine after
agricultural vehicles, etc.



1987:
Vestas
Wind Systems A/S

1991:
Turbine no. 1,000



2004:
Merger: NEG
Micon & Vestas



2010:
Wind. It means
the world to us.



2012:
50 Gigawatt
milestone.



2013:
Anders Runevad,
CEO



We are a truly **global** organisation



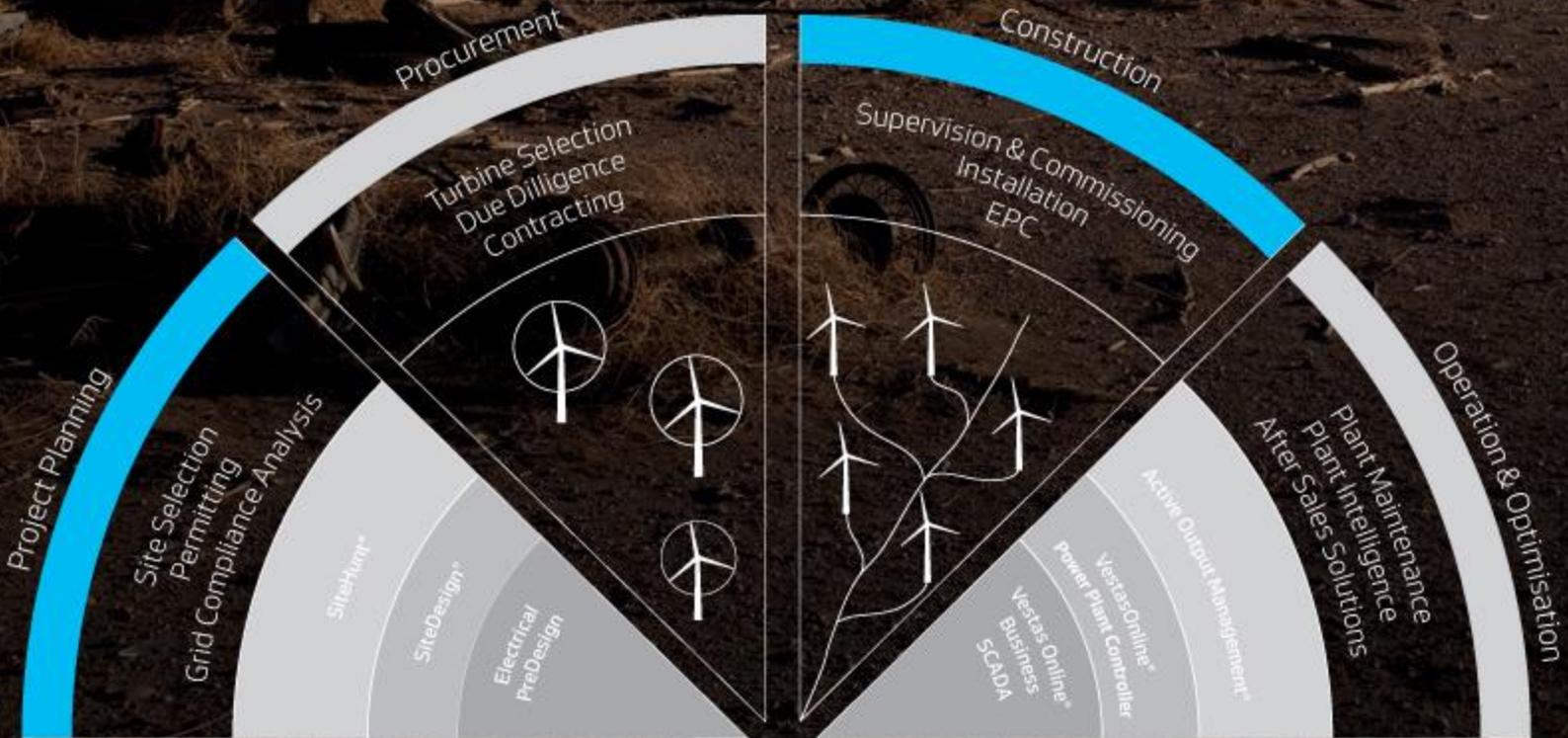
Vestas has installed 60 GW of wind energy 62% more installed capacity than our closest competitor*

60 GW amounts to around 50,000 turbines, which generate enough clean energy to power over 19 million European households.
Vestas has installed just over one out of every five wind turbine MWs installed around the globe **



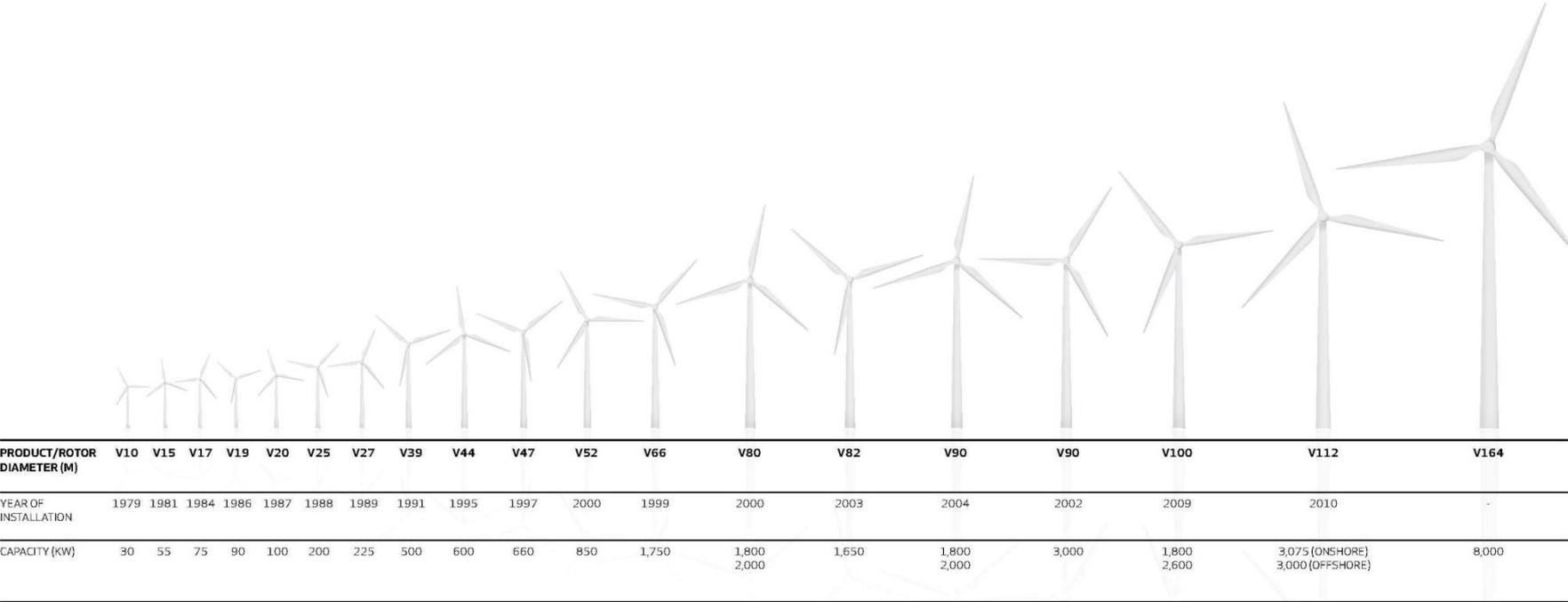
Power Plant Solutions

Comprehensive suite of services and solutions for the entire value chain



Industry leading track record in turbine development

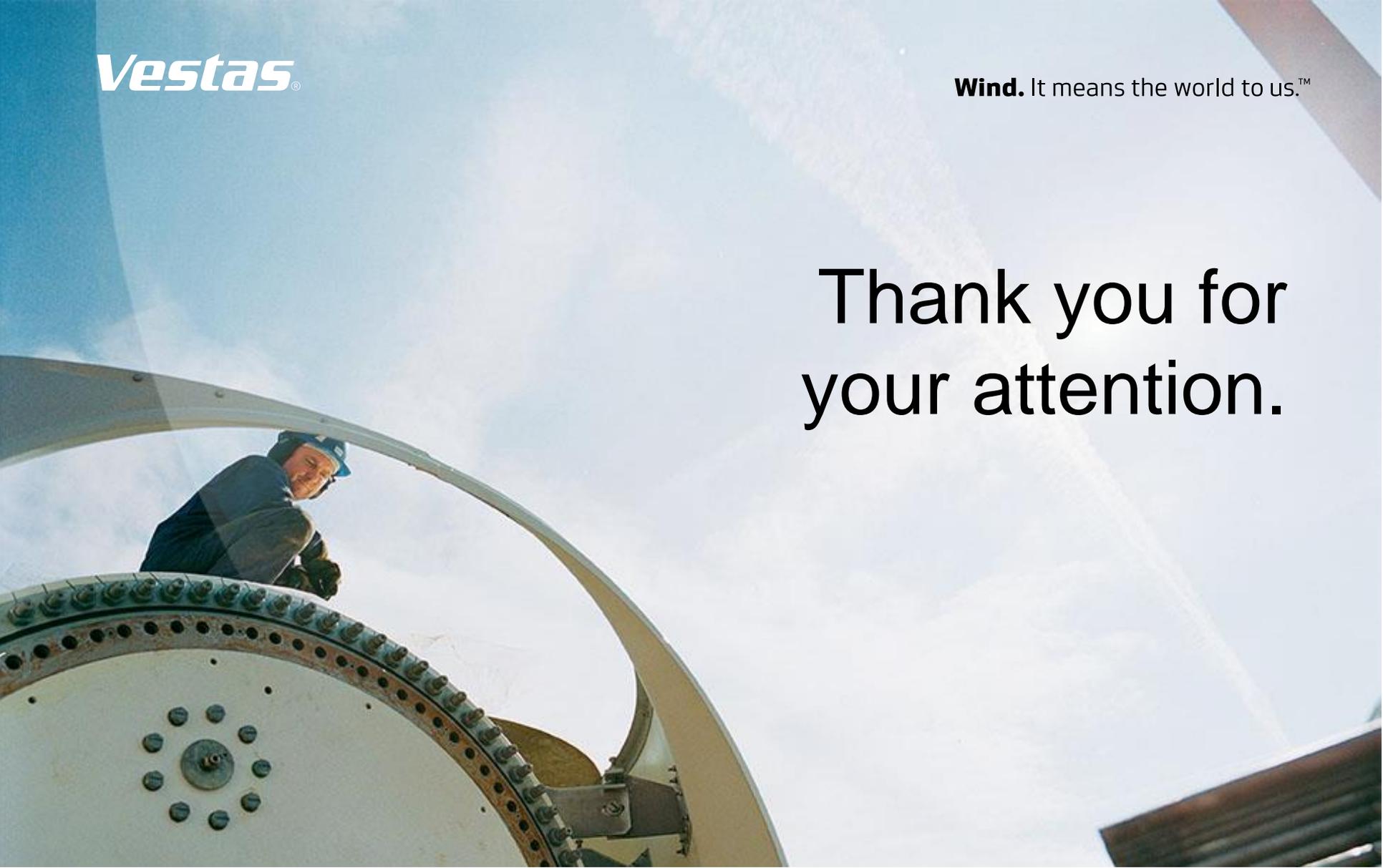
Vestas' track record of turbine evolution over 30 years is unmatched in the wind industry



ICEWIND context



- **Significant** part of installed and future fleet in areas affected by **cold climates** or periods with **icing risk**.
- Get in control of the **weather exposed risk**
- Turbines are getting bigger, more optimized and more intelligent – require a better understanding of the **climate** the turbines are **exposed to**
- Delivering **Business Case Certainty**
- Continually lowering the **Cost of Energy**
- **Safety** first



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Thank you for
your attention.

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