



# 9<sup>th</sup> WindSim User Meeting

26-27 June 2014, Tønsberg

**WELCOME**

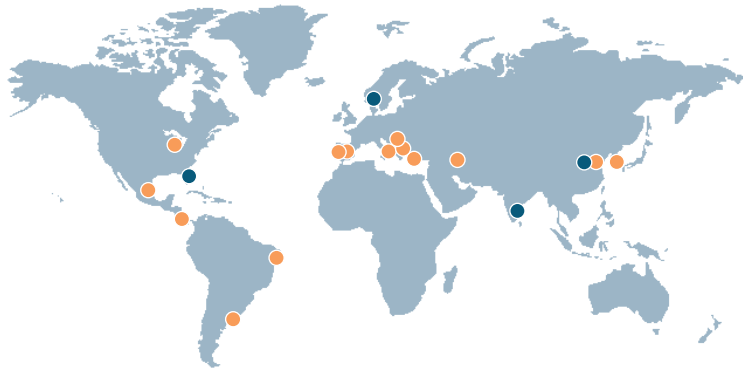
PRESENTED BY: JOHN OLAF RØMMA, CEO

windsim

# Company Overview

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- Established in 1993
- WindSim - World class software launched in 2003
- Ownership - Privately held company and venture backed
- Business areas
  - Software solutions, consulting services and training
    - Wind farm simulation and wind energy assessment
      - Entire wind farm lifecycle (pre/post construction)
      - Onshore and offshore



WindSim • offices and • resellers



WindSim HQ in Tønsberg, Norway

- WindSim AS has offices and resellers partners in; Argentina, Brazil, China (2), Costa Rica, Greece, Italy, India, Iran, Korea, Mexico, Norway, Serbia, Spain (2), Turkey and USA

# Extensive network with Reseller Partners (15 countries)



LEVIATHAN, Beijing

- Wind measurement equipment and services provider
- Installed 7,000 wind masts for 600 companies across China



# Value proposition – Accurate wind modeling

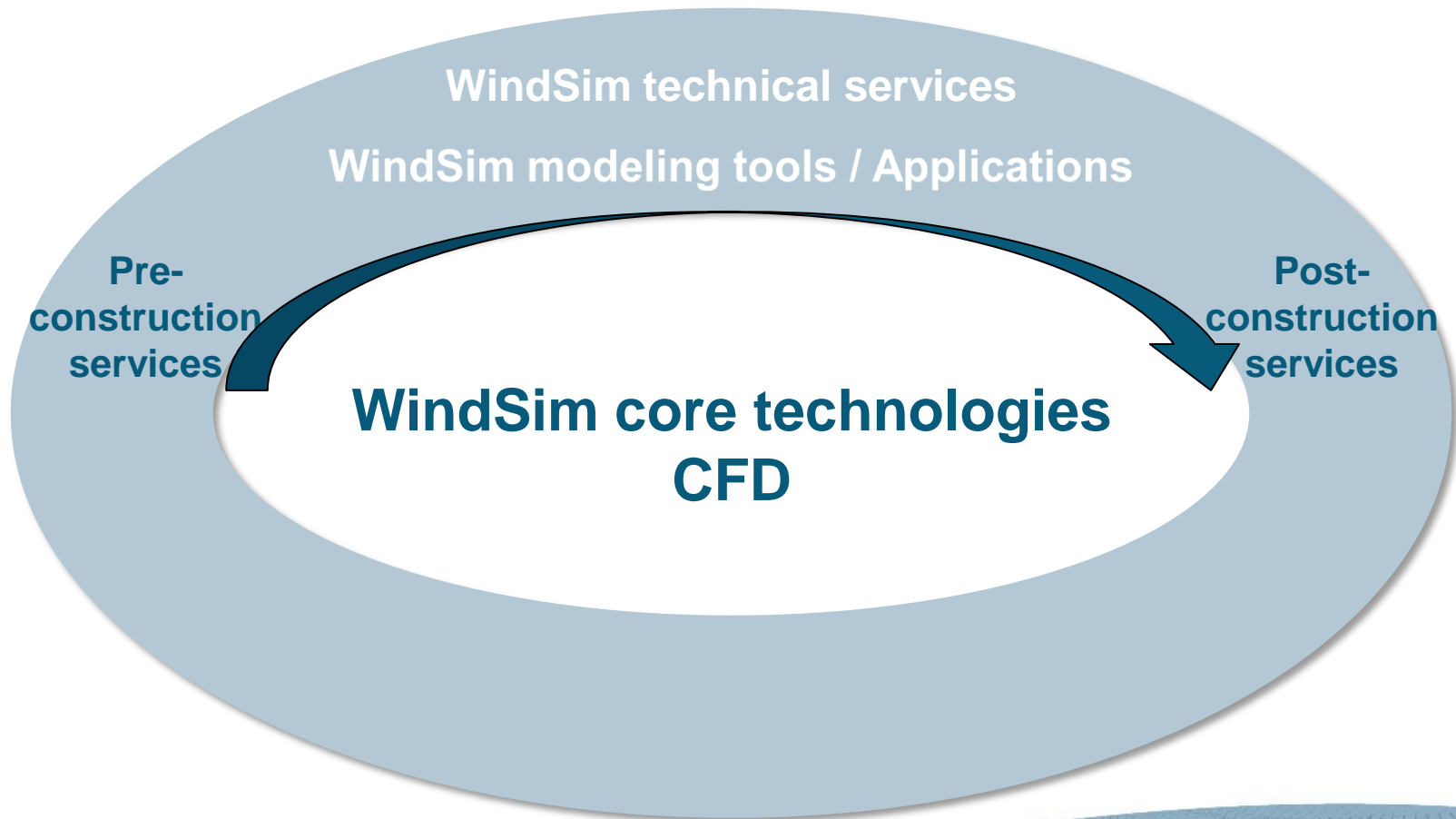
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- Proper wind modeling, simulating **accurately** the true physics of the wind field, is required for designing and operating profitable wind farms
- How does accurate wind simulations increase the value of your wind project?
  - **Better financing**
  - **Increased Annual Energy Production, AEP**
  - **Reduced maintenance costs**

# Total wind farm lifecycle capability thinking

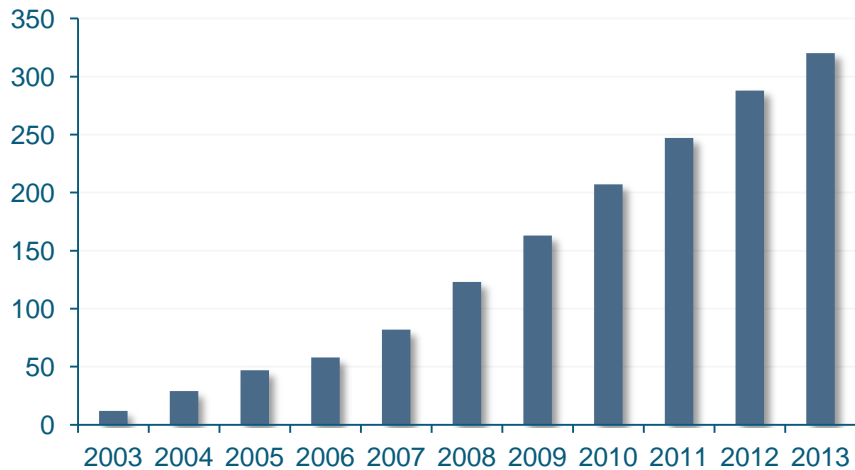
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- Help owner/operators around the world to maximize the potential of their wind farms



# WindSim – Market position

- The first commercially available version of WindSim software was launched in 2003
- Since then, there has been strong, steady growth in its adoption. Today WindSim is used by leading turbine manufacturers, developers, consulting companies and research institutes
- WindSim software is used by more than 270 companies in more than 40 countries on all continents



*Accumulated licenses sold*



*A sample of our clients*

# User meeting objectives

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- Software feedback – Welcome both good and bad !
  - Discuss applications – problems - solutions
- Participant's presentations
  - Serve as a springboard for general discussion
  - Share professional knowledge and experiences
- WindSim software maintenance and development
  - Status and further plans
  - You can influence future releases – tell us about your needs
  - Meeting new demands in the industry
- Encourage fruitful discussions
- Have fun and enjoy time together in Tønsberg!



# *wind* *sim*

**World leader in wind farm simulations**

**Maximise annual energy production (AEP)  
Minimize loads and maintenance cost**





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