



# NOWITECH

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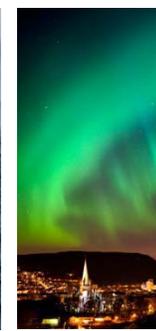
# Year 2008

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# Today



- **Strong educational program**

- 229 of MSc theses in offshore wind energy at NTNU since start of NOWITECH.
- 25 PhD and 3 Post Docs at NTNU financed by NOWITECH.

- **864 Publications**

- EERA DeepWindconference
- [www.nowitech.no](http://www.nowitech.no)
- Newsletters, Twitter
- Industry meets Science
- Industry meetings
- Public consultations (OED, EU, ..)
- Publications since start-up include 190 peer-reviewed papers, 96 media contributions and 181 presentations at international conferences

- **Successful innovations – 40**

- A total of 40 results are assigned a Technology Readiness Level (TRL)
- The results include new methods, software tools and hardware products
- The results are migrating to commercial use, licence agreements, and business developments providing value creation and cost reductions.

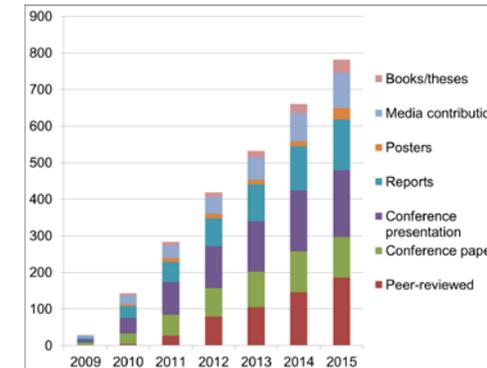
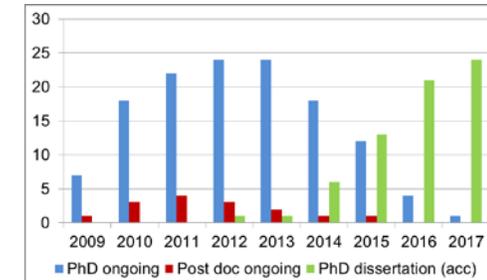
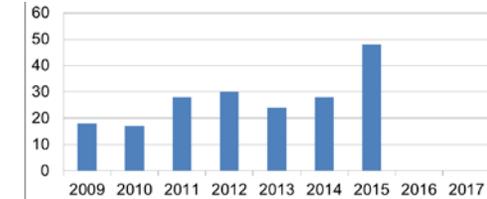
- **Excellence in research**

- Thermally sprayed silicon carbide coating
- Remote presence
- Savings costs with knowledge, models and labs
- SEAWATCH Wind LidarBuoy
- Laboratory demo of the future North-Sea grid
- NOWIcob – A operation and maintenance analysis tool for offshore wind farms
- Offshore wind energy supply to oil & gas platforms
- Long distance HVAC transmission
- Scaled HIL optimized floating wind turbine model test
- New wind farm control concepts in development

- **An attractive partner on the international scene**

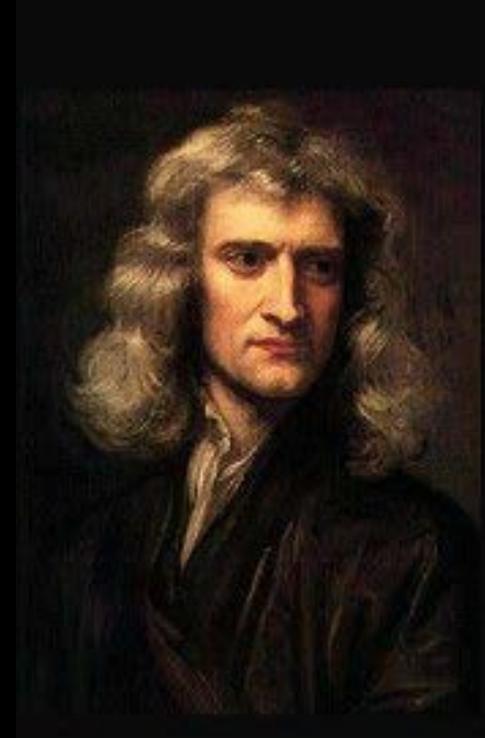
- Active in EERA, TPwind/ ETIP, EAWE, IEA, IEC
- Heading offshore works within EERA JPwind
- Partner in EU projects, e.g.: Twenties (2009-), DeepWind(2010-), HiPRWind(2010-), EERA-DTOC (2012-), InnWind(2012-), WindScanner(2012-), LeanWind(2014-), EERA IRP wind (2014-), BestPaths(2014-), Lifes50+ (2015-)

- **SET-plan initiative: Global Leadership in Offshore Wind**



# In the time to come

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If I have seen further than others, it is by standing upon the shoulders of giants.

(Isaac Newton)



Technology for a better society