





#### What should Task 19 be focusing on?

Task 19 is an international expert group conducting R&D for wind energy in cold climate since 2002. The results of this survey and the outcome of the Task 19 workshop at the WinterWind 2015 conference will be used to identify the main topics of focus for the Task 19 working group. For more information on Task 19 see here:

http://ieawind.org/task\_19.html

# Task19 web-survey results

WinterWind 2015, 2-4.2.2015, Piteå ,Sweden

IEA Task 19 Operating Agent: Ville Lehtomäki VTT Technical Research Centre of Finland Ltd



### Web survey

- Goal: get input from WinterWind participants on future R&D topics for Task19 "Give voice to audience, Task19 listens"
  - Theme: Define topics that most effectively remove barriers slowing down deployment of cold climate wind energy

### Approach:

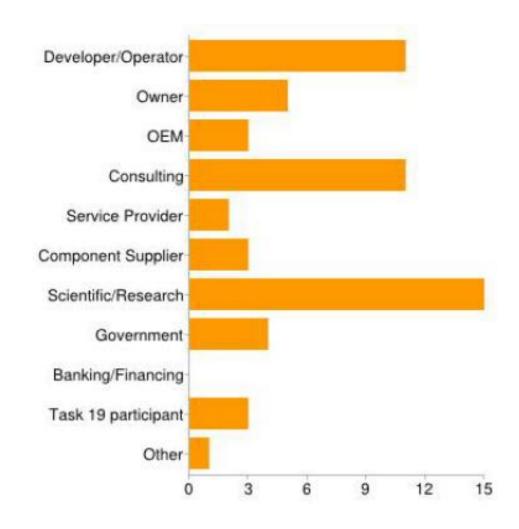
- make web survey and get statistical and freeform comments from WinterWind participants before 4Feb. Link to survey at winterwind.se
- 2. More in-depth panel discussion on top3 rated topics

#### http://goo.gl/forms/YYSHcr3WW6





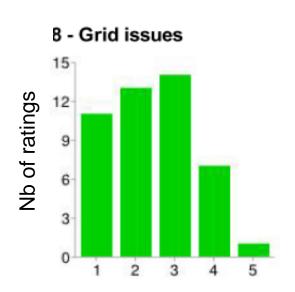
# **Summary of survey – Fields of work**

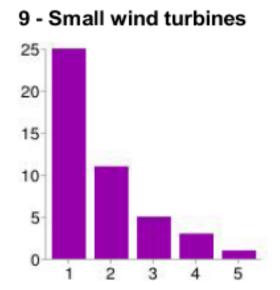


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## **Topic rating – least important**





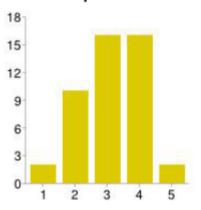
1= less important 5 = very important



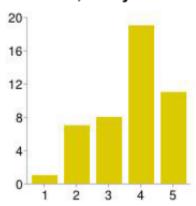
5

## **Topic rating – relatively important**

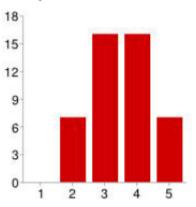
1 - Market potential and limitations



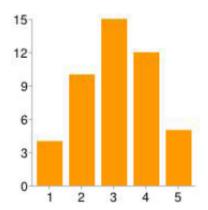
7 - Health, safety and environment (HSE)



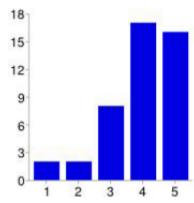
6 - Operation & maintenance



5 - Construction, installation, maintenance, repairs



10 - Testing: test sites, field testing & lab testing

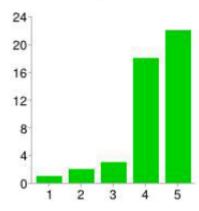


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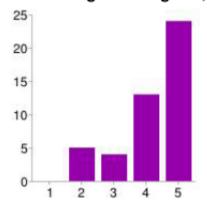


### **Topic rating – most important**

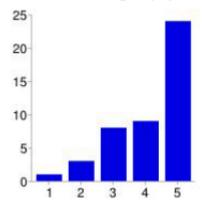
#### 2 - Standards, certifications and recommended practices



#### 3 - Financing including risk, uncertainty and ice assessment



#### 4 - De/anti-icing, equipment and procedures





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### **Topics for panel discussion**

Theme: Define topics that most effectively remove barriers slowing down deployment of cold climate wind energy

- 1. Standards, certifications and recommended practices
- 2. Financing including risk, uncertainty and ice assessment
- 3. De/anti-icing, equipment and procedures
- Questions for each topic
  - Define the main challenges per topic
  - 2. Next steps towards solutions

12/02/2015

