

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the page, framing the central white area.

Summary

# WinterWind 2016

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# Market - Policy - R&D

- ▶ EREF
- ▶ North Asia
- ▶ Swedish Energy Agency - Strategy and goals
- ▶ Swedish Wind Energy Association - manual for CC
- ▶ Vattenfall

Understanding icing

CFD  
accretion

Detection of icing

Visual  
Atmospheric icing  
Mechanical  
measurements  
Vibration propagation

Icing forecasting

Ice maps, #5  
Ice forecasting

Site assessment and permits

Anti and de icing

Heat panels  
Heating conductors  
Micro wave  
Ice phobic materials  
Plasma generators

Performance and HSE

Noise  
Ice throw  
CFD accretion

# Last but not least

## IEA Task 19 on Cold Climate

- ▶ Pushes knowledge borders forward
- ▶ International cooperation
- ▶ Valuable reports/methods/recommended practices are developed
  
- ▶ Thanks Ville Lehtomäki and all the participants for a great job. We are looking forward to hearing more next year.

# Exhibition

- ▶ More exhibitors this year than last year (one more)
- ▶ Covering a wide range of products - from CFD to rope climbing



# Thank you for your attention

