



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

26-27 June 2014, Tønsberg

## Best Practices

PRESENTED BY: Catherine Meissner

windsim

# Best Practices

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- We want to push the limits – Which limits do you see in the Software?
- Best practice document
- We want to establish a better data base to improve WindSim – are you willing to share?
- Which new features do you want to see in WindSim?

# Limits

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How many layouts, cells, climatologies,..... do you really need?

How fast is fast enough?

- For the windfield calculation
- For the post processing

... Where do we have « bottlenecks » ?

# Best Practices

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Do you know our best practice document?

For which feature would you like to see best practice guidelines?

Discuss best practices in the group for various topics e.g.

- Gridding
- Number of iterations
- Forest simulation
- .....

# Best Practices

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## Quality checking

- Do you use the cross-checking?
- What is for you an acceptable result of the cross-checking error of wind speed and TI?
- What is an acceptable result for the shear deviation?

## Quality Improvement

- What parameter settings do you change in case the quality of the model is not good enough?

# Share knowledge and results

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## Forest modeling

- How often do you apply forest modeling?
- Do you have data you could share for improving the forest modeling?

## Uncertainty calculation

- How often do you do an uncertainty calculation?
- Will you share the cross-checking and terrain complexity results?

# Improve WindSim

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Which new features do you want to see in WindSim?