



Deliverable Summary Report: D2.1 (Version 3)

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Work Package: WP 2 – ‘Parameters to flow models and global case studies’
Deliverable name: D2.1 – ‘Requirements for new inputs to flow models’ - update
Deliverable status: Completed

Deliverable description

T2.1 Requirements analysis: Requirements from the wind flow modeling community will be collected and analyzed. Throughout the project, the requirements will be revisited as intermediate and final project outcomes are released to the modeling community. Expected outcome: Report on requirements for new inputs to flow models (D2.1)

Activities and tasks completed

The third version of the user requirements analysis is based on inputs from the two large industry partners in InnoWind: Vestas and Vattenfall.

Deliverables and outcomes

Vestas has tested tree height products from DHI GRAS in a WRF simulation over Southern Sweden and provided feedback on the data quality, ease of use, and effects on wind power predictions.

Vattenfall has given coordinates and data requirements of a site in Sweden for which they plan to do a model evaluation using the tree height or LAI products provided by DHI GRAS. Vattenfall has also provided valuable insight in the way site analysis work in the company.