

IEA Wind TCP Task 52 (Wind Lidar)

Working group (5): Digitalisation

Objectives:

The work of the group will concentrate on following main objectives:

- Identify the business cases for digitalisation throughout the lifecycle of a wind lidar and the lifecycle of a wind farm
- Identify existing solutions and highlight gaps
- Provide working demonstrations of digitalisation in practice, including a wind lidar ontology and data processing based on open source tools.

Planned deliverables and timeline

- Support the publishing of a first version of a wind lidar ontology, which is a structured glossary of wind lidar terms during 2022
- Demonstrate a wind lidar data processing chain based on open source tools, including the e-WindLidar data format during 2023

Additional objectives might be added in the future, for example aligned with the activities of Task 43.

Group approach:

The group will meet online every month in order to discuss general progress and realign.

Contact:

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