On Creating Successful Collaborative Wind Energy System Research

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OPWIND project (2017-2021)

OPWIND: Operational Control for Wind Power Plants

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Primary Objective: To develop knowledge and tools for optimized operation and control of wind power plants, reducing costs and increasing profitability

https://www.sintef.no/en/projects/opwind/
OPWIND project (2017-2021)

- Stiftelsen SINTEF
- Norges Teknisk Naturvitenskapelige Universitet (NTNU)
- Vattenfall AB
- Vestas Wind Systems A/S
- Meteorologisk Institutt
- Kongsberg Digital AS
- Statoil
Successful collaborative project - partners profiles

Partner 1 (Academia, Research Institution)

Partner 2 (Project Developer, Utility, Turbine owner)

Partner 3 (OEM)

Partner 4, 5, 6 (Other research or Industry partners with more supporting functions in the project)
Successful collaborative project- wish list

- Multiple milestones/drop releases during the project

- Open Source (not a “black box” tools)

- Exclusivity (for at least the period of the project) over the results

- Involvement of the Industry Partners in the research work (not only as Funding Provider)
Thank you for your attention