

Wind. It means the world to us.™



# On Creating Successful Collaborative Wind Energy System Research

Yavor Hristov

Vestas Power Solutions, DK

[yavhr@vestas.com](mailto:yavhr@vestas.com)

# OPWIND project (2017-2021)



NO

Search for... 

Menu 

## OPWIND: Operational Control for Wind Power Plants

Published 03 July 2017

You are here: [sintef.com](https://www.sintef.com/en/projects/opwind) / [projects](#) / [opwind: operational control for wind power plants](#)

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



Contact person



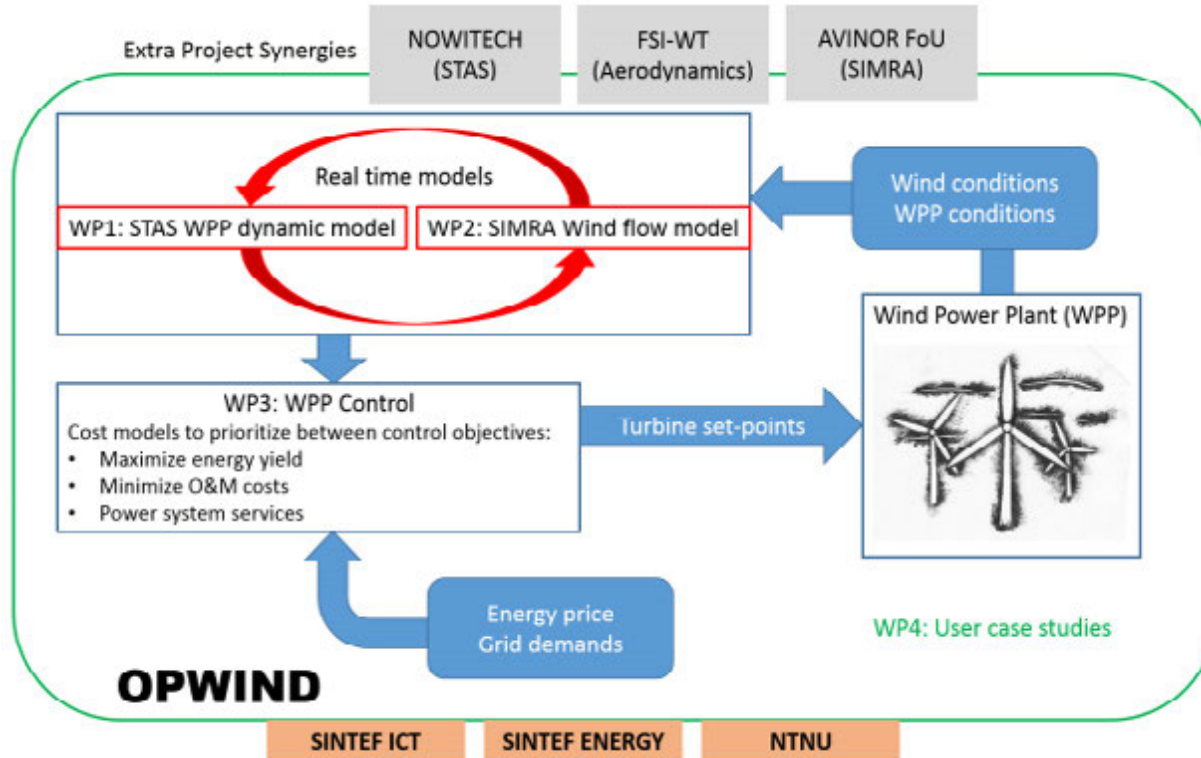
**John Olav Giæver Tande**

Chief Scientist

 913 68 188

 [John.O.Tande@sintef.no](mailto:John.O.Tande@sintef.no)

# 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)

The Vestas logo is positioned in the top left corner of the page. It features the word "Vestas" in a white, italicized, sans-serif font, followed by a registered trademark symbol (®). The background of the top half of the page is a vibrant blue sky with wispy white clouds, suggesting a clear, sunny day.

**Wind.** It means the world to us.™

# Thank you for your attention

**Copyright Notice**

The documents are created by Vestas Wind Systems A/S and contain copyrighted material, trademarks, and other proprietary information. All rights reserved. No part of the documents may be reproduced or copied in any form or by any means - such as graphic, electronic, or mechanical, including photocopying, taping, or information storage and retrieval systems without the prior written permission of Vestas Wind Systems A/S. The use of these documents by you, or anyone else authorized by you, is prohibited unless specifically permitted by Vestas Wind Systems A/S. You may not alter or remove any trademark, copyright or other notice from the documents. The documents are provided "as is" and Vestas Wind Systems A/S shall not have any responsibility or liability whatsoever for the results of use of the documents by you.