

IFPEN ATTENDS WINDEUROPE CONFERENCE AND EXHIBITION 2022



Written on 21 February 2022



2 minutes of reading



Events

Innovation and Industry

Renewable energies

Offshore wind and ocean energies



05 - 07 April 2022

From 5 to 7 April 2022, more than 7,000 participants and 300 speakers will gather in Bilbao (Spain) for the [WindEurope Electric City](#). This is an opportunity for these players to present their global vision of the **development of wind energy in Europe** and their solutions, in a **European context of energy transition**.

IFPEN will present through its [Carnot IFPEN Ressources Energétiques](#) and will exhibit [its solutions along the offshore wind value chain](#).

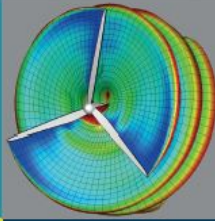
> [Find more information about this event](#)

Come visit us on French Pavillon - Hall 2 | booth D56G

Co-funded research to accelerate innovation

FAME

Roating wind Annual energy production calculation MEIhodology



The main objective

is to improve annual energy production (AEP) estimation methodologies for floating wind both at turbine and farm levels

The program aims at:

- Understanding the specificities of floating wind AEP estimation
- Developing practical methodologies to estimate AEP with the effect of motion on power production and wake losses prediction
- Validating simulation approaches in wind tunnel tests conducted by Politecnico di Milano



Contact

Acting project leader : Vincent La Corre
vincent.la-corre@ifpen.fr
Tel: +33 4 37 70 23 06



www.ifpen.com



www.carnot-ifpen-re.com

down

WIND AVATAR

Digital twins of floating offshore wind assets



The main objective

is to develop and qualify a digital twin methodology to improve the operation & maintenance of floating offshore wind in order to minimize OPEX & CAPEX and maximize revenues

The program aims at developing & qualifying a solution based on a combination of physical modeling and data sciences to monitor wind energy assets with the following objectives:

- Optimal monitoring configuration
- Fatigue loads monitoring
- Structural vibrations monitoring



Contact

Project leader : Fabien Calayron
fabien.calayron@ifpen.fr
Tel: +33 37 70 24 84



www.ifpen.com



www.carnot-ifpen-re.com

Link to the web page : [IFPEN attends WindEurope Conference and Exhibition 2022](#)