





Written on 21 February 2022 2 minutes of reading  
Events

- Innovation and Industry
- Renewable energies
- Wind Energy

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](#)



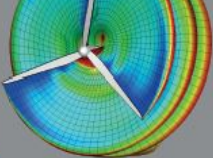
*Come visit us on French Pavillon - Hall 2 / booth D56G*

#### **Co-funded research to accelerate innovation**

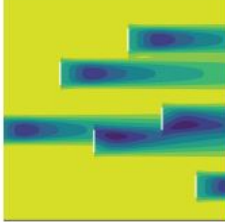
For more information on our JIPs please download these flyers:

IFPEN J

Floating wind Annual energy production calculation Methodology



**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

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IFPEN J

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

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IFPEN attends WindEurope Conference and Exhibition 2022  
21 February 2022

Link to the web page :