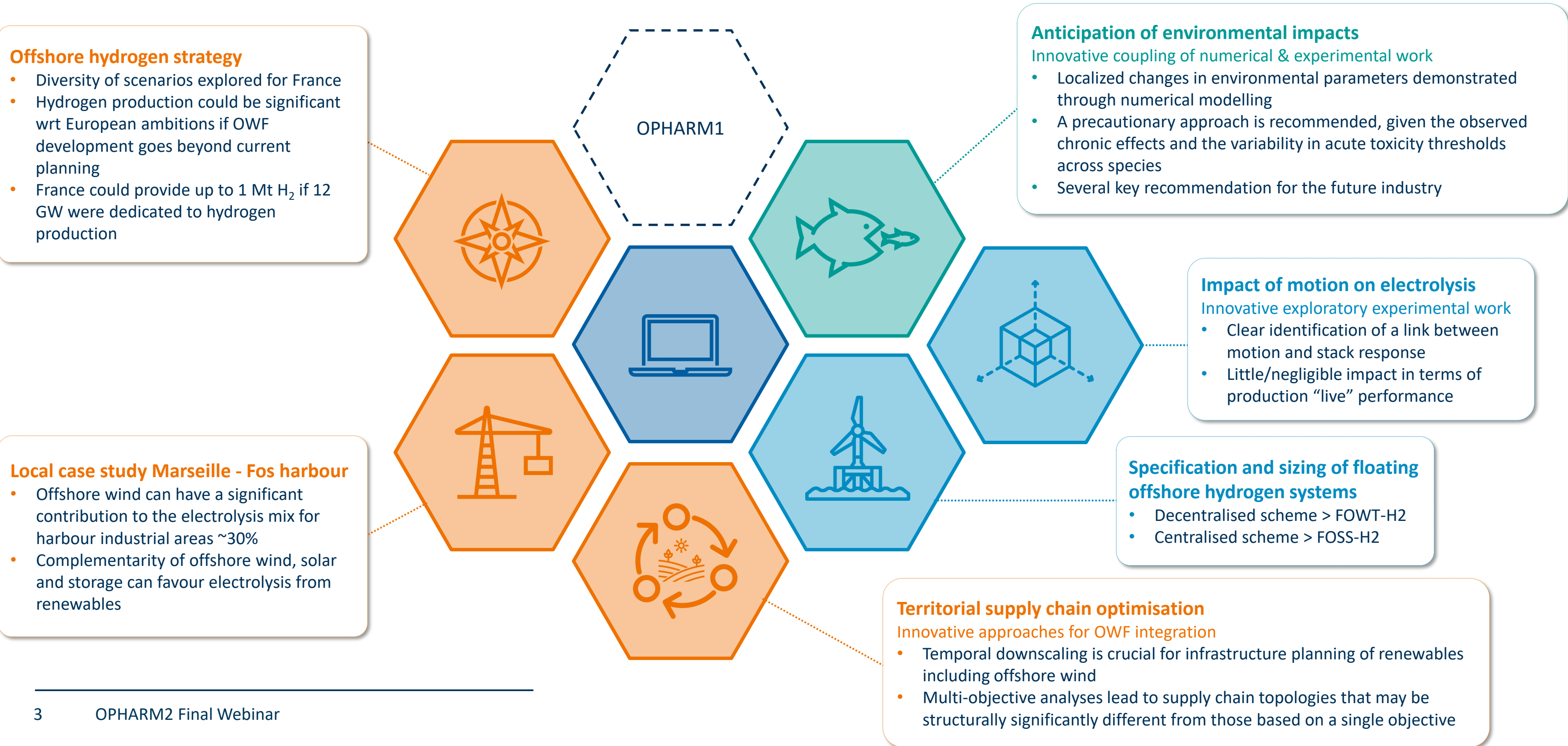
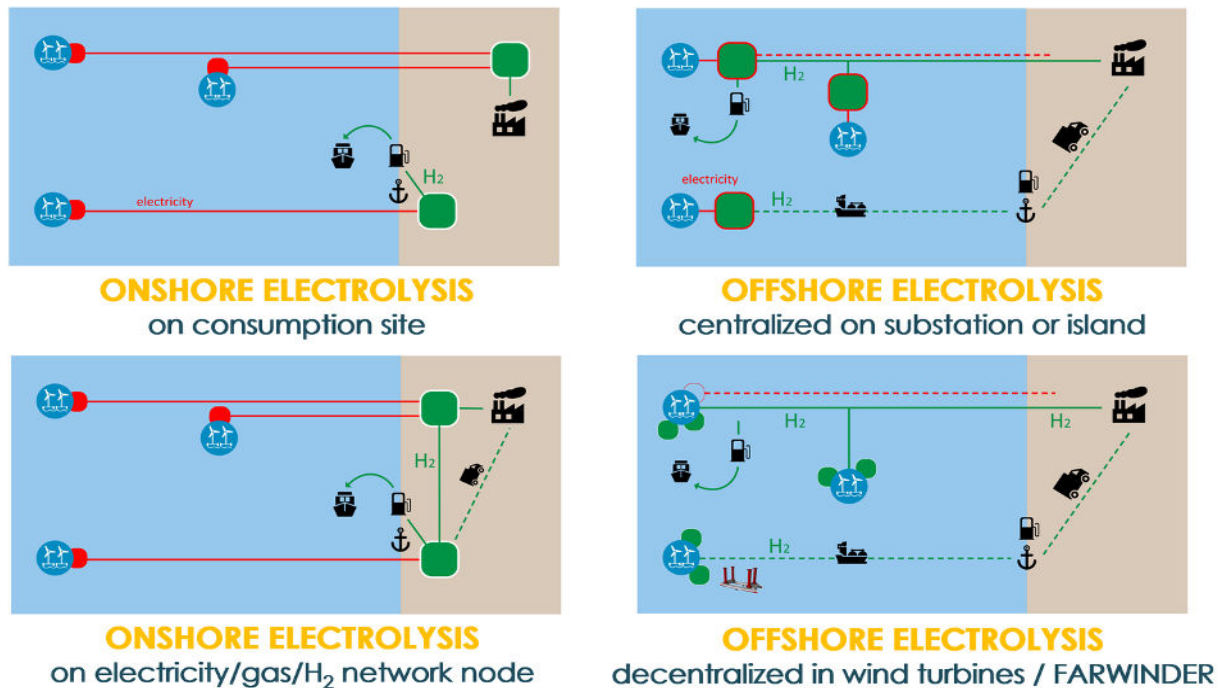


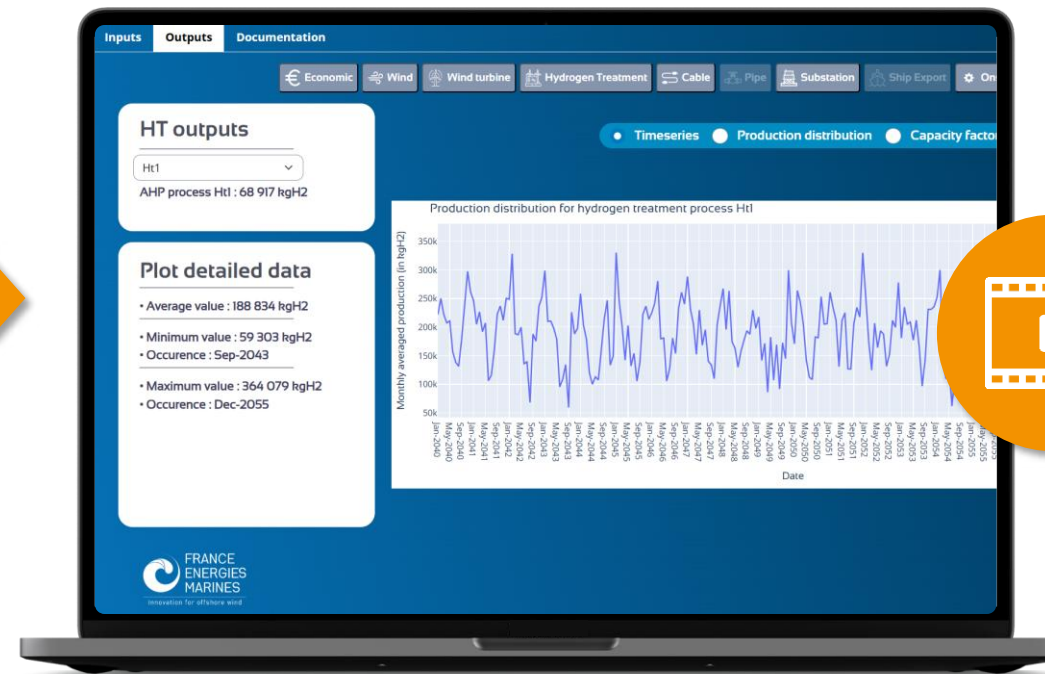
Wrap-up



CONFIGURATIONS ASSESSED



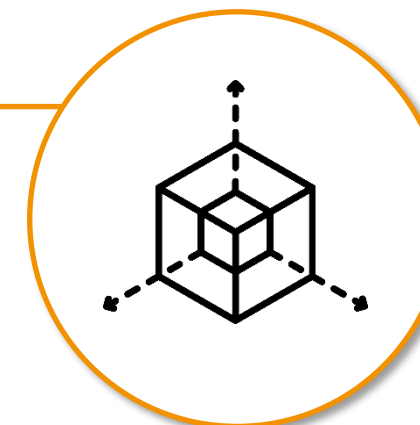
SOFTWARE AS A SERVICE



[Watch the tool presentation](#)

ACTUAL MAIN FUNCTIONALITIES

- ✓ Assessment and comparison of different **coupling configurations**
- ✓ **Hourly production** modelling for electricity and hydrogen
- ✓ Integration of **predefined operating priorities**
- ✓ Calculation of **techno-economic indicators** to compare configurations
- ✓ Consideration of the specific characteristics of **floating offshore wind** farms



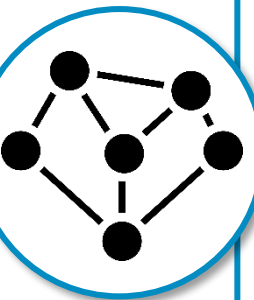
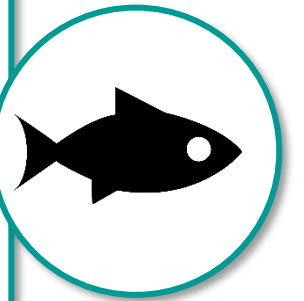
AND NEXT?

Possible new developments
based on specific requests



Linking production assessment with revenue approach to assess the viability of offshore-H₂ floating production from a business model point of view on relevant case study

Environmental monitoring towards offshore-H₂ pilot in-situ monitoring for the anticipation of environmental regulation

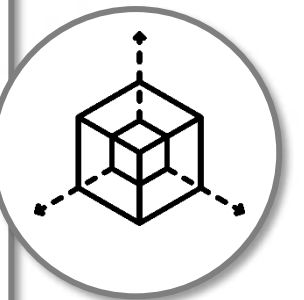


Investigating the architecture of offshore electrolysis farms at large scale

- Field architecture
- Stack management in centralised schemes

Impact of motion on a PEM electrolyzer

- More tests on impacting movements
- Reproducibility tests with other **types of cells (stack geometry and orientation)**
- **Fatigue:** impact of **motion** and **intermittency**



Thank you for your attention!

Scientific coordinator: marie.robert@france-energies-marines.org

Project manager: lenaig.mellaza@france-energies-marines.org

