

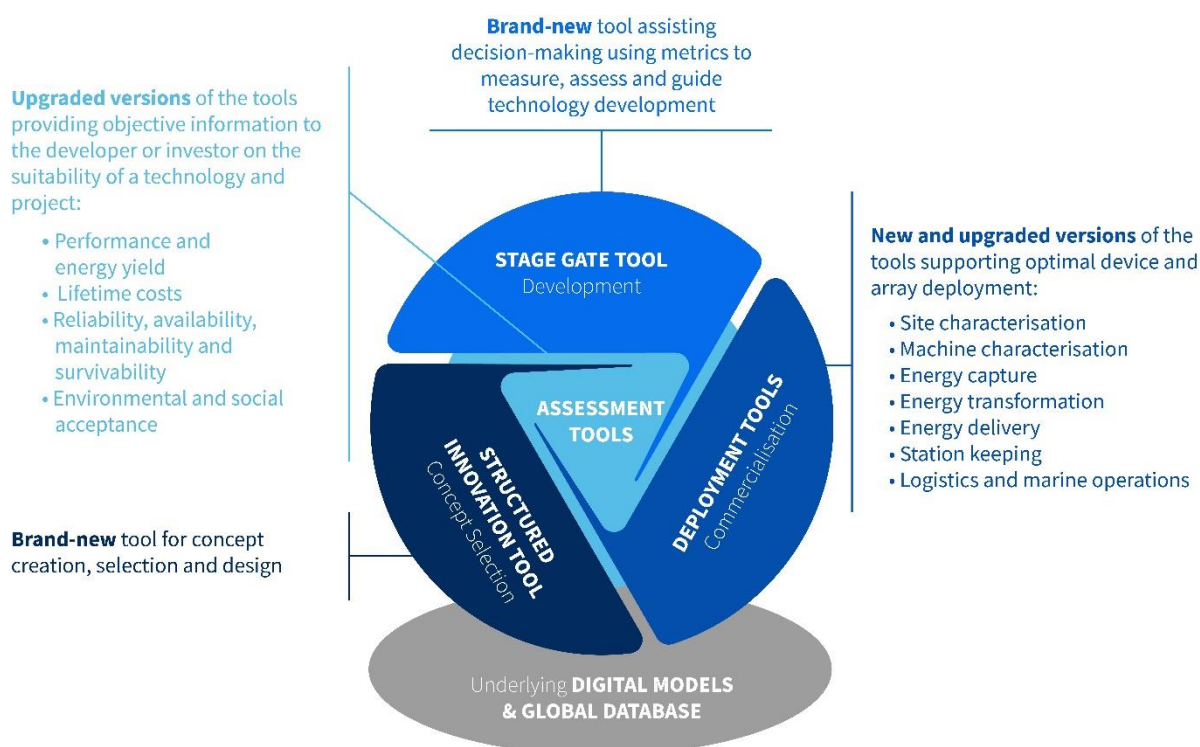
H2020 DTOceanPlus project: standalone alpha versions of the design tools ready for the verification phase

The development of the standalone alpha versions of the whole suite of the design tools for ocean energy systems is now completed. The alpha versions are now ready for the verification phase and then demonstration against real scenarios. Project partners are intensifying the training and education activities to strongly engage with potential users of the tools.

Standalone alpha versions of the tools built on standardized data formats to allow design information sharing and reuse in ocean energy designs

The development of the standalone alpha versions of the whole suite of the design tools for ocean energy systems is now completed. That means that the core functionality of each individual tool or module is complete and can run independently, with ongoing integration of the whole software and data flow between modules to give valuable results to the users. These alpha versions are built on the framework that has been defined during the project to standardise the data formats of ocean energy systems design: a digital representation for the elements of the whole system at different levels of aggregation and accounting for different levels of complexity. All technical reports that describe the use cases, the functionalities and the architecture of the alpha tools are available at: dtoceanplus.eu.

Alpha versions of the tools



[All public deliverables](#)



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Verification phase before the demonstration against real scenarios

The standalone alpha versions of the suite of tools are now ready for the verification phase. This phase will be carried out by the testing of each tool and module in order to verify that they meet the functional and technical requirements defined at the beginning of the project. This will result into a beta version of tools that will be demonstrated against real scenarios by the industrial partners within the project. That means that the suite will be run to showcase the applicability of the tools to concept generation and selection, technology development and farm deployment and optimisation.

Training and education activities to engage with potential users of the tools

The project partners are now intensifying their training and education actions to promote a deeper understanding of new tools and engage with potential users to facilitate adoption and usage of DTOcean+ design tools. The main past and future highlights are summarised below:

- A didactic video which outlines the main areas of the project in 5 min;
- 4 webinars are available online to explain the suite of tools and the approach planned;
- An online forum to ensure interactivity between the tools' developers and users;
- 2 workshops that will allow live demonstrations of the tools in December and March;
- 4 training sessions to explain how to practically run the tools from December;
- Preparation of technical and user manuals and video tutorials to accompany users in their first steps with the tools by the end the project.



[Watch the didactic video](#)



[Watch the webinars](#)



[Access to the online forum](#)

Contact: France Energies Marines - contact@ite-fem.org - +33 (0)2 98 49 98 69



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DTOceanPlus in short

Subject: development and testing of a suite of digital tools for the design of tidal and wave systems

Duration: 3 years (May 2018 to April 2021)

Budget: €8 million

Funding: EU Research and Innovation Programme H2020 (Grant Agreement No 785921)

Leader: Tecnia (Spain)

Partners:



Learn more at dtoceanplus.eu



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