

# DOCKS THE FUTURE

## A Port of The Future – Smart, Green and Integrated Project

Belgium, France, Germany, Italy, Netherlands, Portugal and UK



The DocksTheFuture project aims at defining the vision for the ports of the future in 2030 and mapping its challenges, such as dredging, emission reduction, energy transition, electrification, smart grids, port-city interface and the use of renewable energy management.

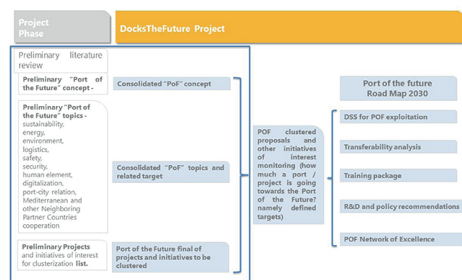


Diagram 1- Methodology

### WHAT IS IT?

The Docks The Future project aims at defining the vision for the ports of the future in 2030 and mapping its challenges, such as dredging, emission reduction, energy transition, electrification, smart grids, port-city interface and the use of renewable energy management.

The EU's Innovation and Networks Executive Agency (INEA) under Horizon 2020 selected the DocksTheFuture project within the 'Smart, green and integrated transport' challenge, which includes areas such as aviation, infrastructure, green vehicles and 'Blue Growth'.

The 1.2 million EUR and 30 months project, kicked off in January 2018. Circle leads the working group consisting of academic partners (Institut für Seeverkehrswirtschaft und Logistik- ISL in Bremen, Germany, and University of Genoa, Italy), consulting companies Magellan (Portugal) and PortExpertise (Belgium).

Subcontractors: AIVP, the worldwide network of Port Cities AIVP (Association Internationale des Villes Portuaires, Canada) assisting on specific port/city aspects – University of Delft (Netherlands) for the Port of the future concept, Lloyds Register for sustainability issues, and for sustainability (Lloyd's Register) and the Motorways of the Seas for its digital multichannel platform (www.onthemosway.eu).

### WHAT ARE THE GOALS?

The project focuses on research needed to implement new port concepts, new management models, innovative design, engineer-

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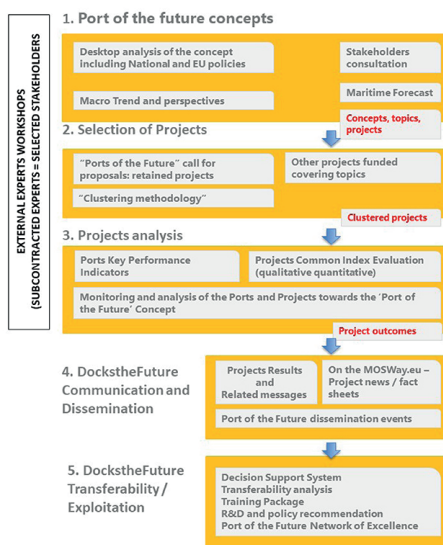


Diagram 2- Process

ing, construction and operation technologies solutions for full customer satisfaction in future ports.

The project sets out to refine the Port of Future concepts, topics and their related targets in 2030, identify appropriate Key Performance Indicators (KPI), monitoring and evaluation and lead to the 'Port of the Future Road Map for 2030'.

The road map will include tools for evaluation and transferability of Port of the Future solutions, research and development, and policy recommendations, training packages and the creation of a 'Port of the Future Network of Excellence'.

### WHAT IS THE METHODOLOGY?

As EU H2020 Smart, green and integrated transport funded project, DTF is a Coordination and Support Action. CSA projects entail the coordination of and the networking of RIA projects, and the related policies and programmes. Actions typically include accompanying measures such as dissemination, standardization, awareness-raising, communication, networking or support services, policy dialogues and mutual learning exercises and studies. See Diagram 1

### WHAT IS THE PROCESS?

An extensive desktop research, expert's review and stakeholder consultation of retained inputs relevant for the concept of Port of the Future are the core activities. A newly developed selection, evaluation and clustering methodology is to be applied to retained projects. Dissemination is done through IT development to resume the main critical elements to port related investments, training



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Project Partners



Project Subcontractors

packages, policy recommendations and transferability analysis. See Diagram 2

### WHAT ARE THE BENEFITS?

The project, as a coordination and support action, will support the EC (DG MOVE and INEA) in covering coordination and networking of research and innovation projects, programs and policies.

Increase in international interaction and as such maximize the exchange of knowledge, data and communication among all stakeholders, involved in port activities, in the whole logistics value chain, port authorities, public and private companies, countries and regions, associations, academia and consultants, political decision-makers. The 329 TEN-T Core and Comprehensive ports are a main target for communication.

### GET INVOLVED

Follow our work by keeping an eye out for the Project results.

web | [www.docksthefuture.eu](http://www.docksthefuture.eu)

updates | [www.onthemosway.eu](http://www.onthemosway.eu)

mail: [info@docksthefuture.eu](mailto:info@docksthefuture.eu)

Subscribe to the quarterly/half-year newsletter, available as from June 30th, 2018.

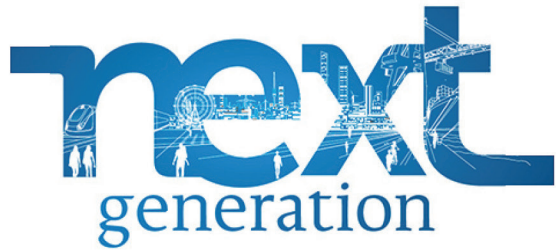
Project full title: Developing the methodology for a coordinated approach to the clustering, monitoring and evaluation of results of actions under the Ports of the Future.



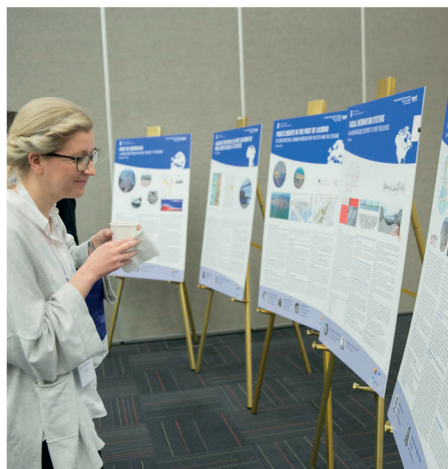
DockstheFuture Project team

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# Next generation 16th World Conference Cities and Ports 2018



Live action photos of the project poster display at the next generation '16th World Conference Cities and Ports 2018', organised by AVIP.