

Circle – proposal preparation H2020

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defining the concept of "Port of Future"



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DTF is a **project funded by the European Commission** under **Horizon 2020**.

As a **Coordination and Support Action (CSA)** it will support the EC (DG MOVE and INEA) in covering coordination and networking of Research and Innovation projects, Programmes and policies.

Starting date: January 2018 (implementation time 30 months).

Grant Awarded : about 1,2 million Euro.





DocksTheFuture methodology:

| DocksTheFuture Project | | | | |
|--|---|--|--|--|
| Consolidated "PoE" concent | - | | [| Port of the future |
| consolidated for concept | | | | Road Map 2030 |
| Consolidated "PoF" topics and related target | | POF clustered proposals and other initiatives of interest monitoring (how much a port / project is going towards the Port of the Future? namely defined targets) | | DSS for POF exploitation |
| | - | | | Transferability analysis |
| | | | | Training package |
| | | | | R&D and policy recommendations |
| Port of the Future final of projects and initiatives to be | | | l | POF Network of Excellence |
| | Consolidated "PoF" concept Consolidated "PoF" topics and related target | Consolidated "PoF" concept Consolidated "PoF" topics and related target | Consolidated "PoF" concept POF clustered proposals and other initiatives of interest monitoring (how much a port / project is going towards the Port of the Future? namely defined targets) Port of the Future final of projects and initiatives to be | Consolidated "PoF" concept POF clustered proposals and other initiatives of interest monitoring (how much a port / project is going towards the Port of the Future? namely defined targets) Port of the Future final of projects and initiatives to be |

Moving freight by Water: Sustainable Infrastructure and Innovative Vessels - MG-2-6-2019 - Waterborne transport and Inland waterways

INFO

- efficient and seamless integration between transport modes and efficiency of transferring cargo between modes / last mile connection— (Robotics)
- fostering automation and digitization (Blockchain)

INFRA

- automated and connected inland waterway and/or port infrastructure
 - First mile / last mile automation in port rail terminals
 - IoT over across the chain
- capacity of small ports, maritime and inland waterways
- reducing environmental impacts
- innovative vessels



Moving freight by Water: Sustainable Infrastructure and Innovative Vessels - MG-2-6-2019

Looking for

- Logistic and IT efficient and seamless integration between transport modes and last mile connection, - inland terminals – logistic providers
- environmental impacts in logistics expertise
- innovative vessels concepts

2 proposals



TOPIC : InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics MG-2-9-2019

- New logistics concept (IoT2IoG)
- New disruptive technologies (Blockchain)
- New business models (Crowdfunfing)
- New trade routes (Silk Road)



TOPIC : InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics MG-2-9-2019

- 1 or 2 proposals
- 1 proposal on the Silk Road (on going relations with Turkey, Iran, Georgia and Kazakistan)
- Customs and logistics digitalization
- Looking for
 - Business models experts
 - Silk Road realted Shippers and Transport operators



THANK YOU VERY MUCH!

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