



Circular Economy Network of Ports (LOOP-Ports)

RATIONALE

- At present, CE initiatives related to the port sector are being developed in an isolated way.

NEED: To actively involve the port sector in this new model of production and consumption





RATIONALE

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Circular Economy Network of Ports



PORTS

ideal places to develop Circular
Economy Activities

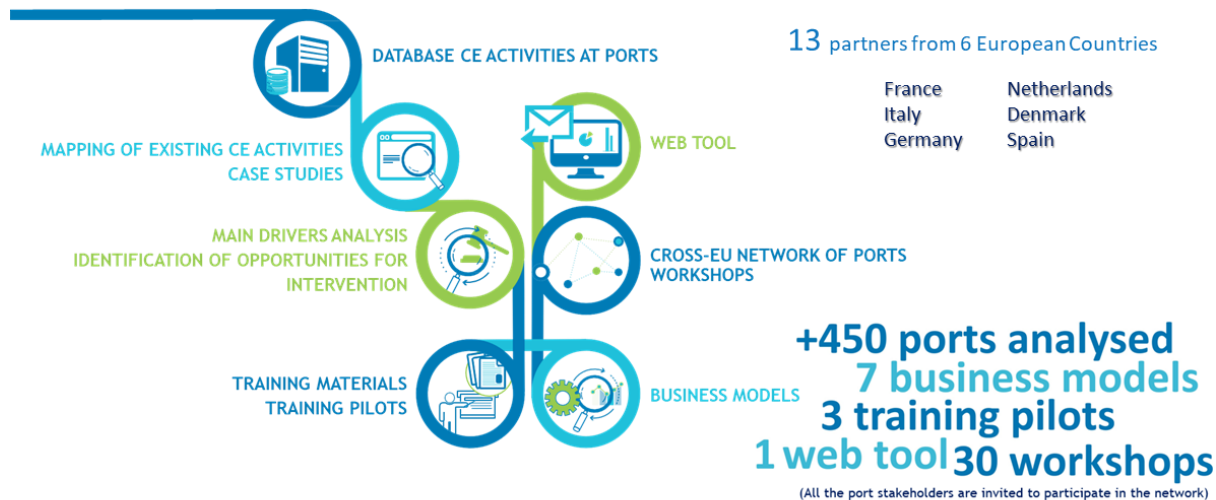
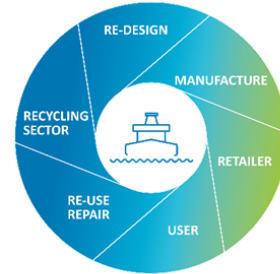
- Crossing-points for all kinds of waste and industrial flows.
- Logistical hubs for the import and export of waste materials.
- Setting-up location of industries that are active in the treatment, collection and shipment of waste
- Innovation circles active promoters.



CONTEXT AND OBJECTIVES

LOOP-Ports project is funded by the EIT Climate-KIC initiative in the framework of the "SUSTAINABLE PRODUCTION SYSTEMS"

LOOP-Ports aims to facilitate the transition to a more circular economy in ports through the creation of a Circular Economy Network in ports that will provide an innovation ecosystem around the port activity and stimulate circular economy initiatives in European ports



Join now the Circular Economy Network of Ports!
You will gain access to valuable information!
More information:
www.loop-ports.eu



Climate-KIC is supported by the EIT, a body of the European Union





PARTNERSHIP

LOOP-Ports
Circular Economy Network of Ports



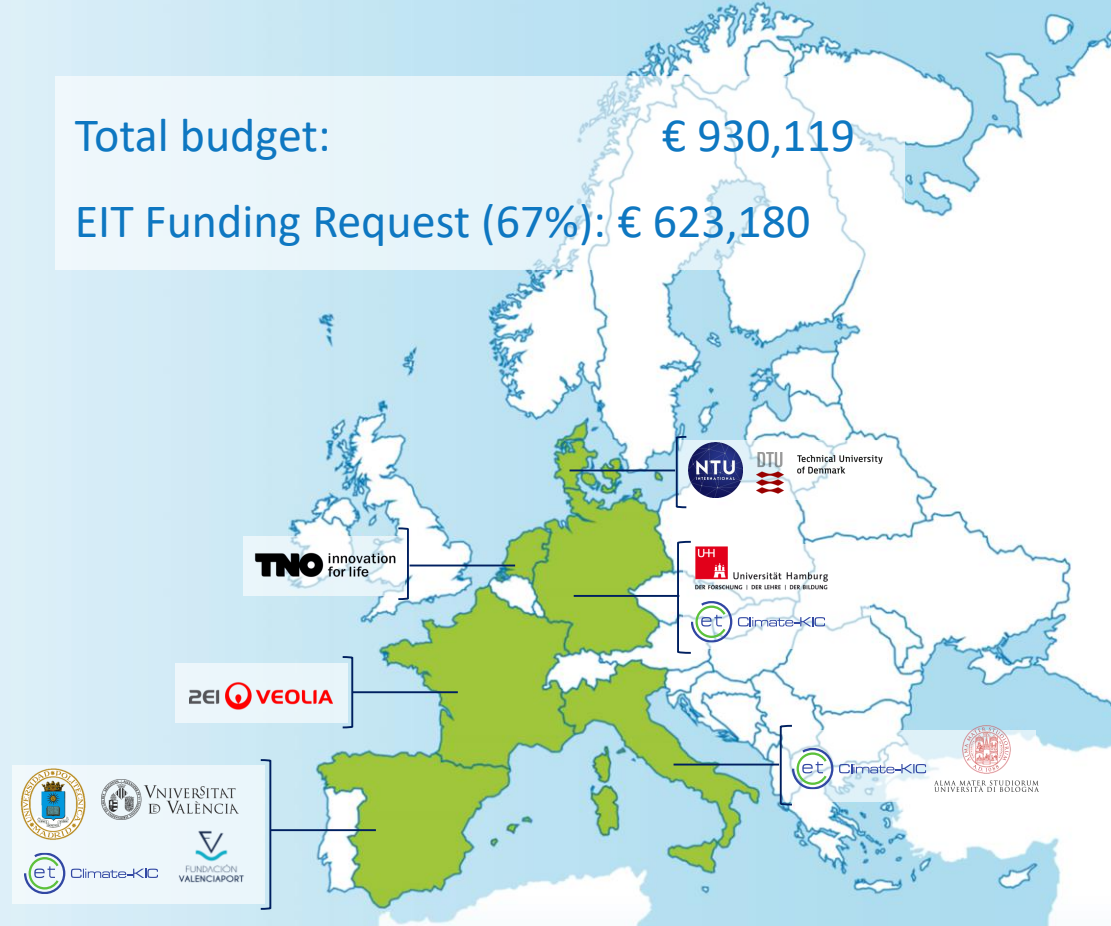
October 2018 – November 2020

13 partners

6 European Countries

- France
- Italy
- Germany
- Netherlands
- Denmark
- Spain

Total budget: € 930,119
 EIT Funding Request (67%): € 623,180





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ACTIVITIES

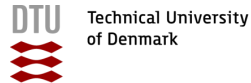


WP5 Project management, communication and business models



WP1

Mapping of current port status in relation to circular economy



WP2

Looking at the future: Opportunities for intervention and specific innovation recommendations



WP3

Ports circular economy professional education pilot



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WP4

Circular ports network development and Stakeholders interaction





ACTIVITIES

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WP1 – MAPPING OF CURRENT PORTS STATUS IN RELATION TO CIRCULAR ECONOMY

DURATION: October 2018 – April 2019 (7 months)

WP LEADER:



MAIN OBJECTIVE: To study the port environment in terms of CE initiatives.

ACTIVITIES:

- Mapping of ports of ports (Task 1.1)
- Mapping of CE activities in ports (Task 1.2)
- Highest emitting activities identification in ports environment (Task 1.3)





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ACTIVITIES

WP2 – LOOKING AT THE FUTURE: OPPORTUNITIES FOR INTERVENTION AND SPECIFIC INNOVATION RECOMMENDATIONS

DURATION: May 2019 – October 2019 (6 months)



MAIN OBJECTIVE: To identify the opportunities for intervention and to provide and formulate specific recommendations (policy, financing, technologies,..).

WP LEADER:



Technical University
of Denmark

ACTIVITIES:

- Opportunities of intervention on the most important system drivers (Task 2.1)
- Innovation recommendations (Task 2.2)





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ACTIVITIES

WP3 – PORT CIRCULAR ECONOMY PROFESSIONAL EDUCATION PILOT

DURATION: November 2019 – March 2020 (5 months)

WP LEADER:



MAIN OBJECTIVE: To design specific training modules for port sector professionals.



ACTIVITIES:

- Development/adaptation of training modules (Task 3.1)
- Implementation of the training modules at EU ports (Task 3.2)





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ACTIVITIES

WP4 – CIRCULAR PORTS NETWORK DEVELOPMENT AND STAKEHOLDERS INTERACTION

DURATION: October 2019 – November 2020 (14 months)



MAIN OBJECTIVE: To create the Circular Economy Network of Ports.

WP LEADER:



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ACTIVITIES:

- Mapping of stakeholders and operational functioning of the network (Task 4.1)
- Stakeholders interaction through workshops (at port level) (Task 4.2)
- Communication of results to appropriate audiences (at institutional level) (Task 4.3)



WP5 – PROJECT MANAGEMENT, COMMUNICATION AND BUSINESS MODELS

DURATION: October 2018 – November 2020 (26 months)



MAIN OBJECTIVES:

- To ensure the proper management of the project
- To reach a broad impact
- To elaborate business models

WP LEADER:



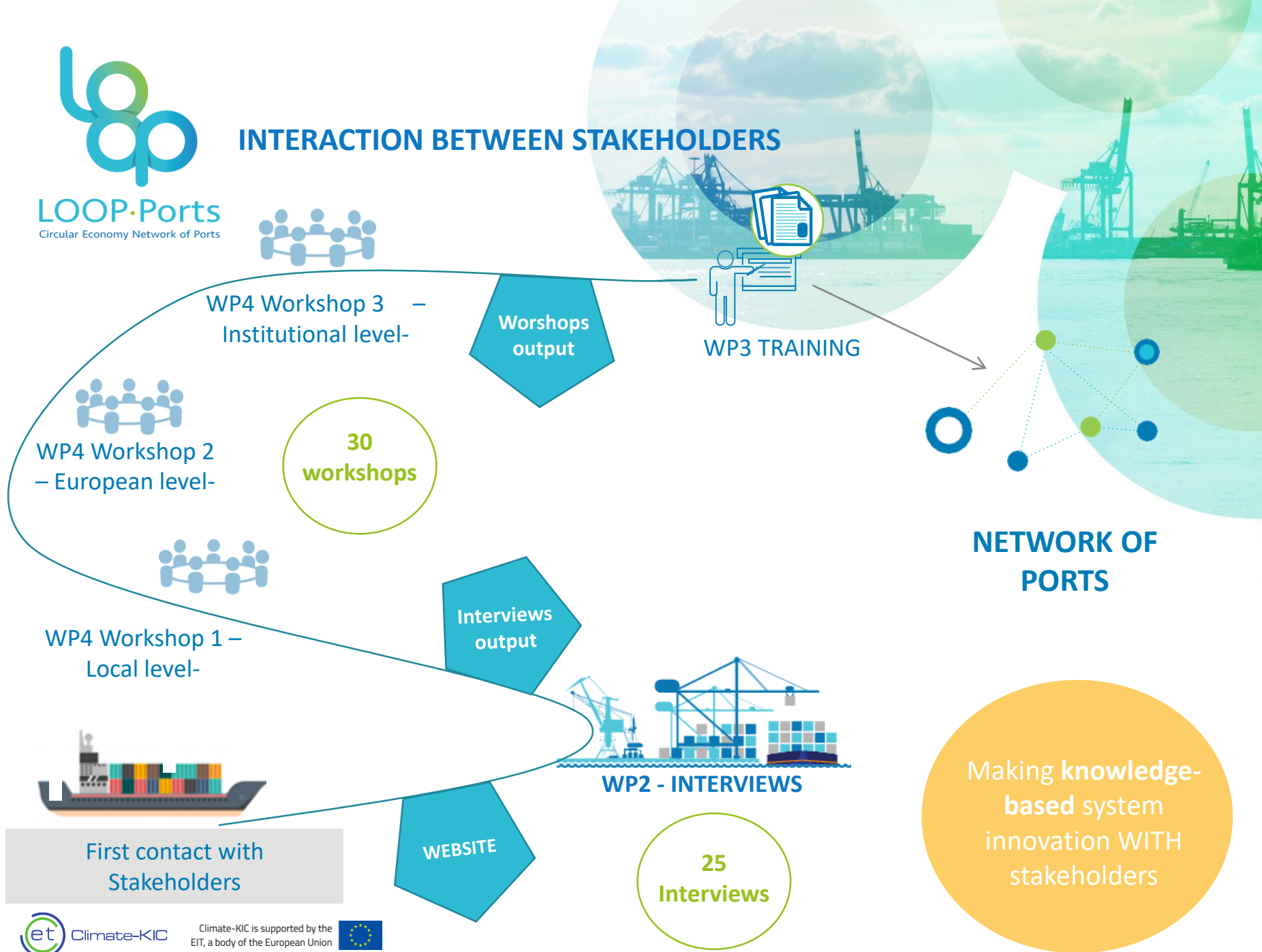
ACTIVITIES:

- Project management (financial, administrativa and technical) (Task 5.1)
- Communication and dissemination (Task 5.2)
- Business models (Task 5.3)



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INTERACTION BETWEEN STAKEHOLDERS



NETWORK OF PORTS

Making knowledge-based system innovation WITH stakeholders



STAKEHOLDERS GROUP

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1. European Sea Ports Organisation (ESPO)
2. Baltic Ports Organisation (BPO)
3. Puertos del Estado - Spanish Ports State Authority - (Spain)
4. Valencian Regional Authority managing industrial and fishing ports as well as marinas (Spain)
5. Ravenna Municipality (Italy)
6. DG European Funds for the Valencian region (Spain)
7. Danish Maritime (Denmark)
8. Port Authority of Valencia (Spain)
9. Port Authority of Huelva (Spain)
10. Port Authority of Gijon (Spain)
11. Port Authority of Barcelona (Spain)
12. Port of Koper (Luka Koper) (Slovenia)
13. Port Authority of Piraeus (Greece)
14. ADSL del Mar Tirreno Centro Settentrionale – Civitavecchia, Fiumicino and Gaeta (Italy)
15. ADSP del Mare Adriatico Settentrionale – Venice and Chioggia (Italy)
16. ADSP del Mare Adriatico Centro Settentrionale - Ravenna (Italy)
17. Grand Port Maritime de Marseille (France)
18. ADSP del Mare Adriatico Meridionale – Bari, Brindisi, Manfredonia, Barletta and Monopoli (Italy)
19. Port of Bourgas (Bulgaria)
20. Grand Port Maritime de Dunkerque (France)
21. Port of Leixoes (Portugal)
22. Port of Messina e Milazzo (Italy)
23. Port of Klaipeda (Lithuania)
24. Port of Frederikshavn (Denmark)
25. ADSP del Mar Ligure Orientale – La Spezia e Marina di Carrara





STAKEHOLDERS GROUP

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26. ADSP del Mar Ionio - Ligure Orientale – Taranto (Italy)
27. Copenhagen-Malmö Port (Sweden – Denmark)
28. Port of Ploce Authority (Croatia)
29. Intermodal Transport Cluster (Croatia)
30. Port of Zadar Authority (Croatia)
31. Split Port Authority (Croatia)
32. ADSP del Mare Adriatico Centrale – Ancona, Pesaro, Falconara, S. Benedetto, Pescara and Ortona (Italy)
33. Port of Málaga (Spain)
34. CLARA – Servizi Ambientali per il Territorio (Italy)
35. Port of Castellón (Spain)
36. Port of Alicante (Spain)
37. Port of Tallinn (Estonia)
38. Port of Hamburg marketing (Germany)
39. Port of Santander (Spain)
40. Port of Bilbao (Spain)
41. Baleares Port Authority (Spain)



14 COUNTRIES

Spain, Italy, Denmark,
Germany, France, Bulgaria,
Slovenia, Greece, Portugal,
Lithuania, Sweden, Croatia,
Estonia, Belgium

... THE LIST WILL CONTINUE GROWING...

**40
Members**

**14 EU
countries**

MEMBERS OF THE NETWORK:

41 ORGANISATIONS

❖ 31 PORT AUTHORITIES:

- Spain (9)
- Italy (8)
- Croatia (3)
- Denmark / Sweden (2)
- France (2)
- Bulgaria (1)
- Lithuania (1)
- Greece (1)
- Portugal (1)
- Slovenia (1)
- Estonia (1)

❖ 2 PORT AND MARITIME ASSOCIATIONS:

- **European Sea Ports Organisation (ESPO)**
- **Baltic Ports Organisation (BPO)**

❖ 3 INDUSTRIAL ASSOCIATIONS:

- **Danish Maritime**
- **Intermodal Transport Cluster**
- **Port of Hamburg Marketing**

❖ 4 PUBLIC AUTHORITIES:

- Spain (3)
- Italy (1)

❖ 1 ENVIRONMENTAL MANAGEMENT ORGANISATIONS:

- **CLARA - Servizi Ambientali per il Territorio**

30 Port Authorities

4 Public Authorities

2 Port Associations

1 Environmental Management Organisations

3 Industry Associations

More than **50** ports already contacted



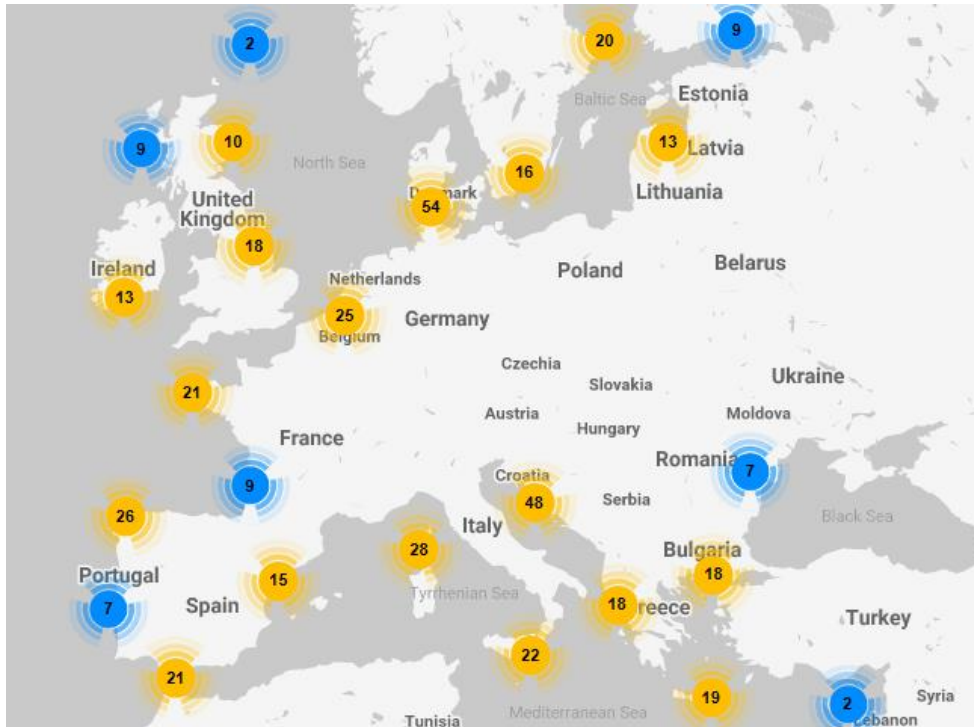
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More information:
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WEB TOOL

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MAPPING OF PORTS (WP1):



1. DECOMMISSIONING
2. DISTANTLING/COMPONENT HARVESTING
3. INDUSTRIAL SYMBIOSIS
4. MAINTENANCE AND OVERHAUL
5. RE-USE / SECOND HAND
6. RECYCLING OF WASTE STREAMS
7. REFURBISHMENT
8. RENTAL SERVICES
9. REPAIR
10. OTHER



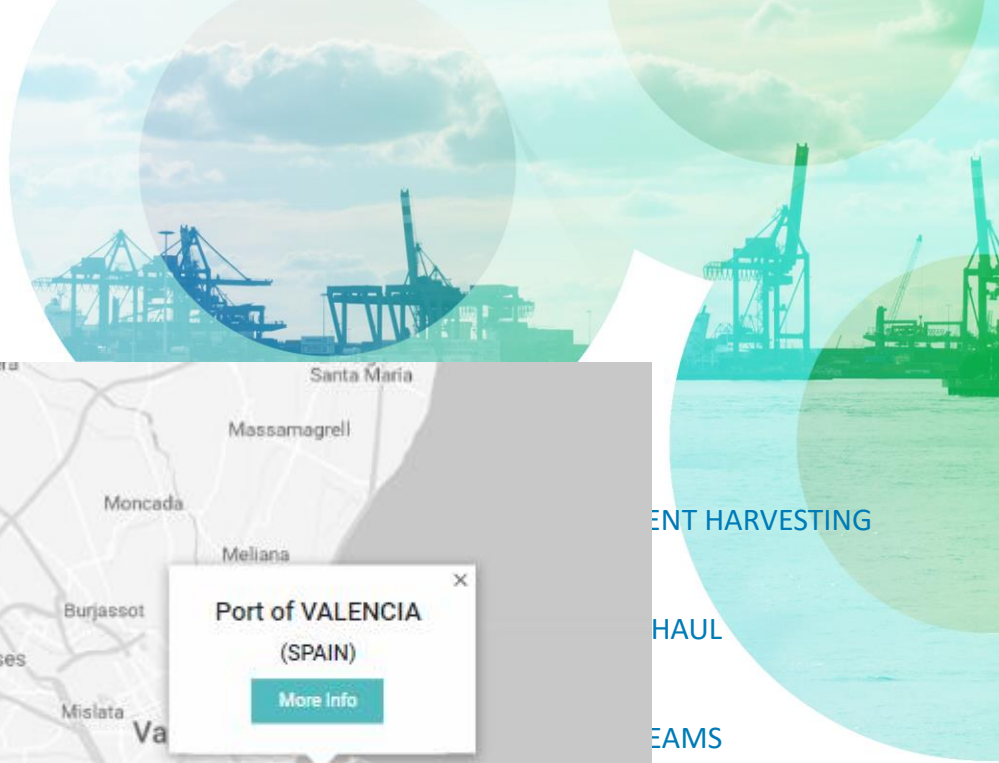
<https://www.loop-ports.eu/circular-economy-tools/>



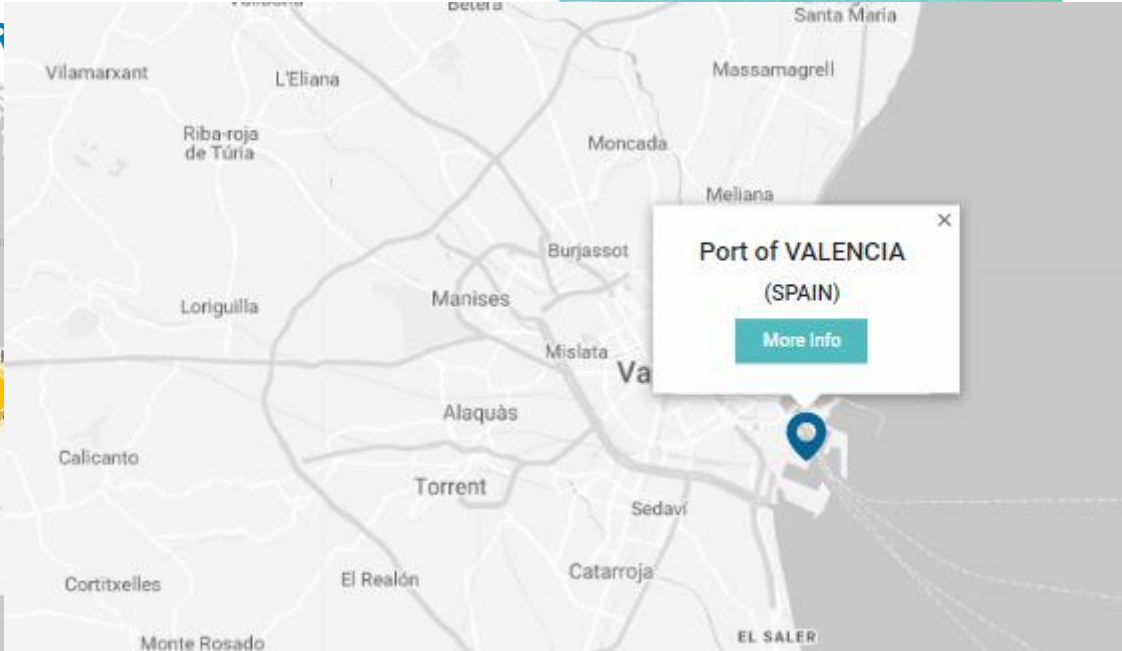


WEB TOOL

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MAPPING OF PORTS



<https://www.loop-ports.eu/circular-economy-tools/>

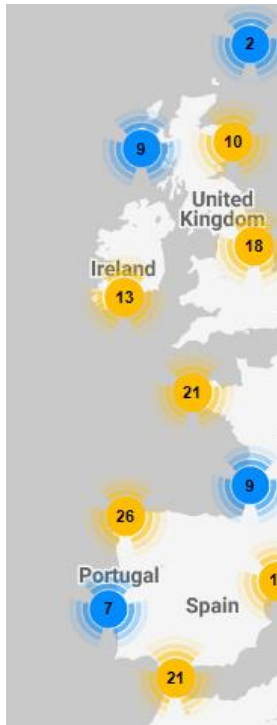
ENT HARVESTING
HAUL
EAMS





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MAPPING OF



WEB TOOL

Circular Economy Activities

- 1
- 2
- 3
- 4

CIRCULAR ECONOMY ACTIVITY 4			
Name of the Circular Economy Activity Identified:		CRANES ENLARGEMENT	
Type of the Circular Economy Activity implemented:		REFURBISHMENT	
Brief Description of the Activity:			
The enlargement of cranes in Valencia Terminals to attend bigger vessels in port of Valencia instead of discard them			
Material or Flow addressed:	Industrial Sector Involved:	Key Organisation(s):	Other Stakeholders/Value Chain Partners:
OTHER	OTHER	PORT AUTHORITY OF VALENCIA	NOATUM AND TCV
Life Stage (ambition, planned, pilot, scale-up, implemented)		Planned Duration (Project based or permanent)	
IMPLEMENTED		PERMANENT	
New Product/s or Service/s Generated:		Potential users demand:	
PERMANENT		N/A	
Website:		Additional Information:	
www.veintepies.com		N/A	

INVESTING

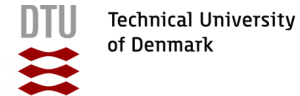




In Partnership with:



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THANK YOU



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Follow us!



Climate-KIC is supported by the
EIT, a body of the European Union

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