Circular Economy Network of Ports (LOOP-Ports)
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
• 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.

13 partners from 6 European Countries:
- France
- Italy
- Germany
- Netherlands
- Denmark
- Spain

27 Port Authorities
4 Public Authorities
2 Port Associations
2 Industry Associations
from 13 European Countries

+450 ports analysed
7 business models
3 training pilots
1 web tool
30 workshops
(All the port stakeholders are invited to participate in the network)

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

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
ACTIVITIES

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

WP4 Circular ports network development and Stakeholders interaction

WP5 Project management, communication and business models
ACTIVITIES

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

DURATION: October 2018 – April 2019 (7 months)

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)

WP LEADER:
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 proved formulate specific recommendations (policy, financing, technologies, ..).

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

WP LEADER:

Technical University of Denmark
WP3 – PORT CIRCULAR ECONOMY PROFESSIONAL EDUCATION PILOT

DURATION: November 2019 – March 2020 (5 months)

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)
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.

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

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

WP LEADER: FUNDACIÓN VALENCIAPORT
INTERACTION BETWEEN STAKEHOLDERS

WP4 Workshop 3 – Institutional level
WP4 Workshop 2 – European level
WP4 Workshop 1 – Local level

First contact with Stakeholders
WEBSITE
INTERVIEWS

30 workshops

Making knowledge-based system innovation WITH stakeholders

NETWORK OF PORTS
WP3 TRAINING
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
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
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)
42. Port Authority of Tenerife (Spain)
43. Danske Havne (Denmark)
44. Medports Association (Mediterranean sea)

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

... THE LIST WILL CONTINUE GROWING...
MEMBERS OF THE NETWORK:

44 ORGANISATIONS

32 PORT AUTHORITIES:
• Spain (11)
• Italy (8)
• Croatia (3)
• Denmark / Sweden (2)
• France (2)
• Bulgaria (1)
• Lithuania (1)
• Greece (1)
• Portugal (1)
• Slovenia (1)
• Estonia (1)

4 PORT AND MARITIME ASSOCIATIONS:
• European Sea Ports Organisation (ESPO)
• Medports Association
• Baltic Ports Organisation (BPO)
• Danske Havne

3 INDUSTRIAL ASOCIATIONS:
• Danish Maritime
• Intermodal Transport Cluster
• Port of Hamburg Marketing

4 PUBLIC AUTHORITIES:
• Spain (3)
• Italy (1)

1 ENVIRONMENTAL MANAGEMENT ORGANISATION:
• CLARA - Servizi Ambientali per il Territorio

More than 100 ports already contacted

Join now the Circular Economy Network of Ports! You will gain access to valuable information! More information: www.loop-ports.eu
MAPPING OF PORTS (WP1):

1. DECOMISSIONING
2. DISTMANLING/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/
MAPPING OF PORTS:

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WEB TOOL

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

<table>
<thead>
<tr>
<th>Material or Flow addressed:</th>
<th>Industrial Sector Involved:</th>
<th>Key Organisation(s):</th>
<th>Other Stakeholders/Value Chain Partners:</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTHER</td>
<td>OTHER</td>
<td>PORT AUTHORITY OF VALENCIA</td>
<td>NOATUM AND TCV</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Life Stage (ambition, planned, pilot, scale-up, implemented)</th>
<th>Planned Duration (Project based or permanent)</th>
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<tbody>
<tr>
<td>IMPLEMENTED</td>
<td>PERMANENT</td>
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</table>

<table>
<thead>
<tr>
<th>New Product(s) or Service(s) Generated:</th>
<th>Potential users demand:</th>
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</thead>
<tbody>
<tr>
<td>PERMANENT</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Website:** www.veintepies.com

**Additional Information:** N/A