



LOOP.Ports

Circular Economy Network of Ports



FUNDACIÓN
VALENCIAPORT

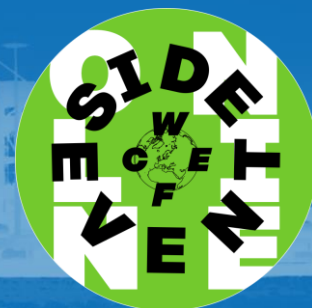
FINAL
CONFERENCE
Online

16th December 2020



Climate-KIC

Climate-KIC is supported by the
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UNIVERSITA DI BOLOGNA



e INSTITUTO
DE ECONOMÍA
INTERNACIONAL
UNIVERSITAT DE VALÈNCIA



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG



Technical University
of Denmark



TNO innovation
for life



LOOP-Ports

Circular Economy Network of Ports

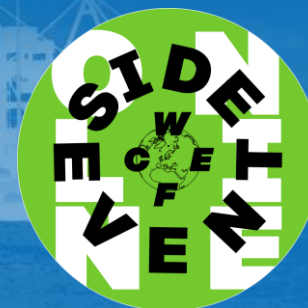
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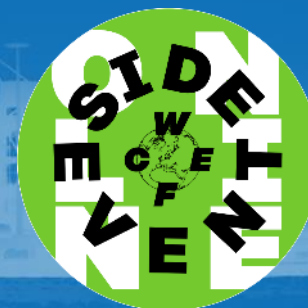


LOOP-Ports

Circular Economy Network of Ports

Tiziana Campisi– Fondazione Flaminia

FINAL
CONFERENCE
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16th November 2020





Circular Economy Network of Ports (LOOP-Ports)

Workshops for a network

Tiziana Campisi

University of Bologna & CIFLA Fondazione Flaminia



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cifla

Centro per l'innovazione
tecnologica e sociale





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

WORKSHOPS NARRATIVE

Goal

CONNECTED
PORTS AT A
LOCAL & EU
LEVEL, WITH A
CLEAR IDEA
HOW TO
PROCEED
FURTHER TO
IMPLEMENT CE

Workshop 3

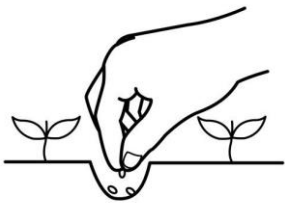
**INFLUENCE KEY STAKEHOLDERS AT NATIONAL LEVEL IN ORDER
TO BRING CHANGE**

Workshop 2

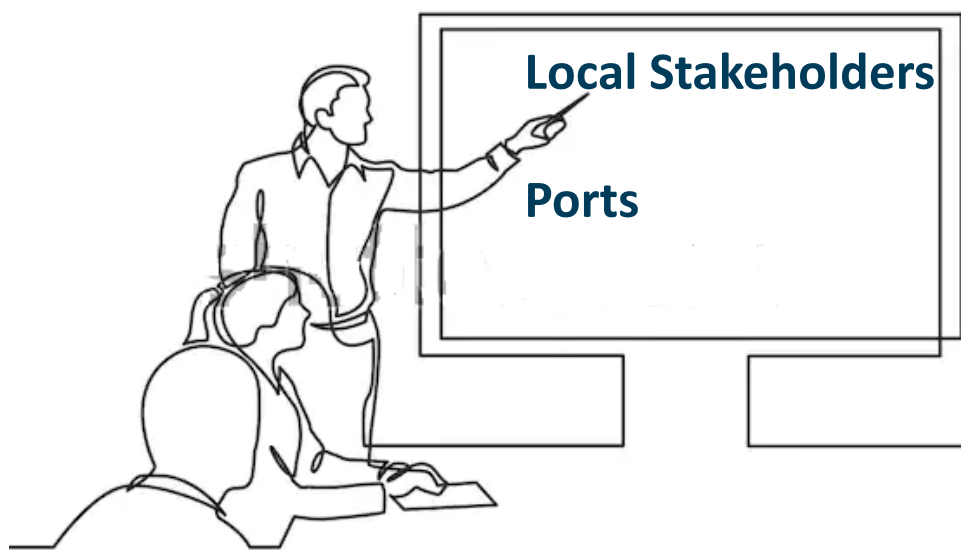
EXCHANGE EXPERIENCES AT EU-LEVEL
Cross fertilization

Workshop 1

SUPPORT THE LOCAL PORT STAKEHOLDERS TO DISCUSS ABOUT CE



WORKSHOPS NARRATIVE



ORDER

LEVEL

Workshop 1

SUPPORT THE LOCAL PORT STAKEHOLDERS TO DISCUSS ABOUT CE



2020



Port of Aalborg

2019

UNIHAMB



**Port of Bremen
Castellon Province**

UNIBO



FVP



UPM



**Ravenna Marine district
Port of Valencia
Port of Malaga**

The economic chain of plastic from fishing and aquaculture nets: a model of Circular Economy



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November 22, 2019 - Port Authority of Ravenna (Italy)

N° participants (16)

Private 13 Public 3

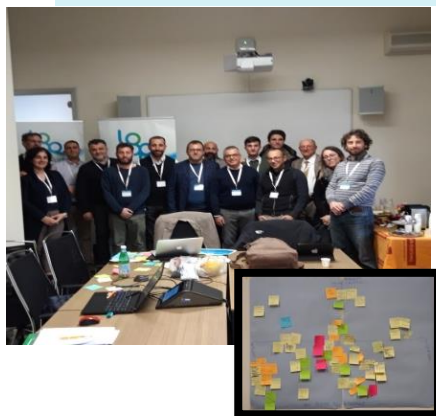
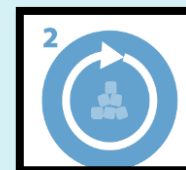
Aquaculture sector, companies for plastic processing, authorised waste management companies, public entities for territorial economic development

N° stakeholders reached: 18

Private 16 Public 2

Port operators, Industrial companies, municipality, regional cluster

Themes discussed



Feedbacks

- ACQUACULTURE: Waste management of PP material
- FISHING: Waste management of PA material
- Port Strategic: Type of CE – reuse of PA fishing nets – re-thinking of mussels' socks
- Definition of new roadmap

December, 10 2019- Valencia (Spain)

N° participants (59)
Private 44 Public 15

Universities
Tech institutes
Port Authorities
Port Cluster companies

N° stakeholders reached 36
Private 33 Public 3

Port Authority of Valencia

Themes discussed



LOOP-Ports – “Taller Economía Circular en Valenciaport” – Fundación Valenciaport



Feedbacks

- Circular economy concept
- Barriers and best practices
- Port Strategic plan on circular economy
- Training needs



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID

December 12, 2019 - Port Authority of Malaga (Spain)

N° participants (8)
Private 3 Public 5

Port Authority,
Port companies,
CE regional companies

N° stakeholders reached 21
Private 18 Public 3

Port Authority, Regional Bodies
Port Companies, CE regional companies

Themes discussed



Biomass



Water



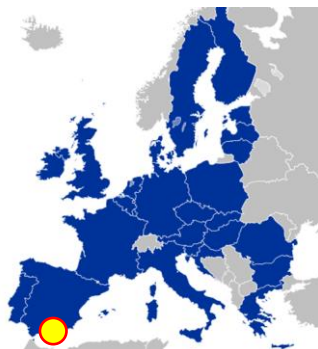
Gases



Metals



Energy

Construction
materials

Feedbacks

- Circular economy concept
- Barriers and best practices
- Port Strategic plan on CE
- Possible synergies between Port Authority and CE regional companies



LOOP Ports
Circular Economy Network of Ports

Title: Circular Economy Approach for fishing ports, marinas and boatyards



December 19, 2019 - at the University of Valencia (Spain)

N° participants (22)

Private
8

Public
14

- ✓ 5 marinas
- ✓ 3 fishing activity
- ✓ 3 boatyards
- ✓ 5 commercials
- ✓ 4 technological inst. & env. Ngos
- ✓ 2 other

Themes discussed



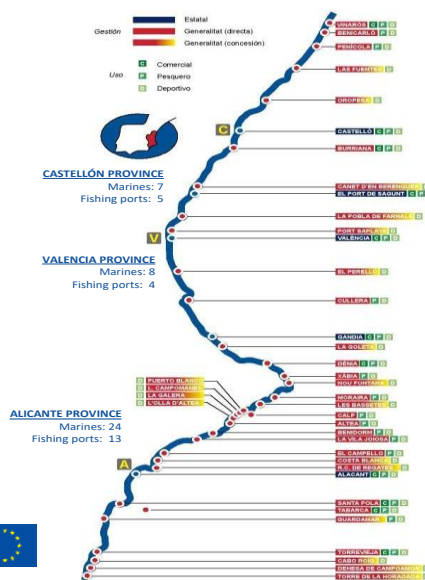
Plastics



Biomass



Metals



Feedbacks

- ✓ Concept of CE linked to recycling → need to reinforce CE' knowledge and its potential.
- ✓ The idea of sustainable companies is more present every day.
- ✓ Lack of knowledge about existing solutions & financing aid focused on innovative actions and not on the implementation of these innovative solutions.
- ✓ Need to adjust rules and regulations to a circular context.

December 16, 2019 - Bremer/Bremerhaven (Germany)

N° participants (12)

Private
2

Public
10

N° stakeholders reached
Not mapped

Port Authority, Regional Bodies
Port Companies, CE regional
companies

Themes discussed



Biomass



Dredging



Mixed
waste



Feedbacks

- Ports of Bremen decided to think about an steering committee for Circular Economy
- Bremen Ports decided to sign the LOI of loop Ports Project

May 27, 2020 – Aalborg (Denmark)

N° participants (15)

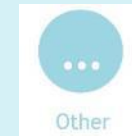
Private	Public
8	7

Port Authority,
consultancy, University

N° stakeholders reached

7 port authorities engaged during the
webinar under task 4.1. Many of the
Danish ports municipal self governing
23 informed through invitations

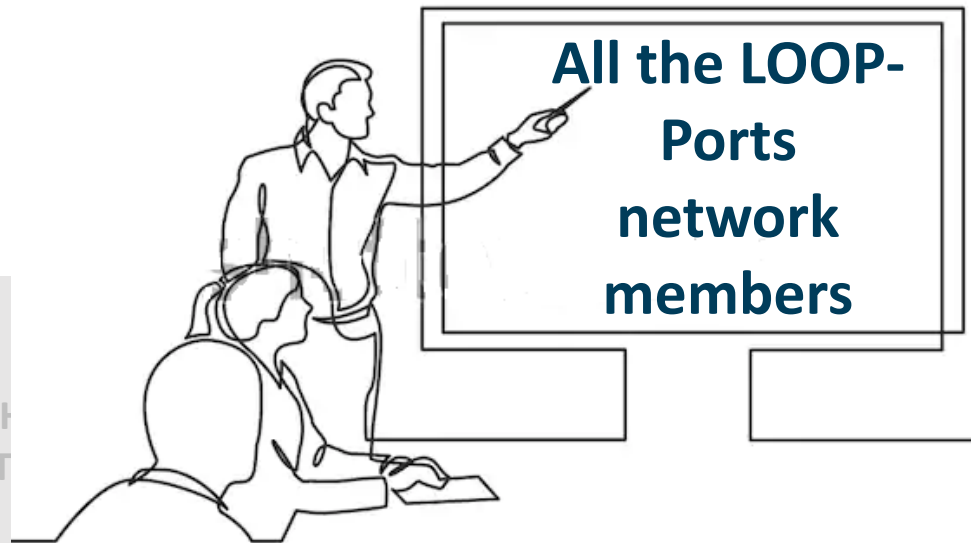
Themes discussed



- How to engage companies in industrial symbiosis and cooperation?
- How to overcome cultural barriers and resistance to change?

WORKSHOPS NARRATIVE

INFLUENCE KEY STAKEHOLDERS

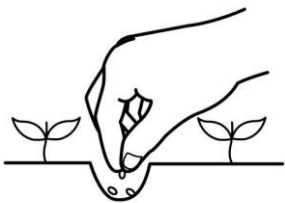


Workshop 2

EXCHANGE EXPERIENCES AT EU-LEVEL
Cross fertilization

Workshop 1

SUPPORT THE LOCAL PORT STAKEHOLDERS TO DISCUSS ABOUT CE



Circular Economy Paneuropean Online workshop

October 7, 2020 - online

N° participants (55)
Private 12 Public 43

Port national managers
Port Associations
Port Authorities
Port Cluster companies
Universities

N° stakeholders reached 45
Private 7 Public 38

Private and public ports
Associations
Port Cluster companies



Circular port assets & equipment



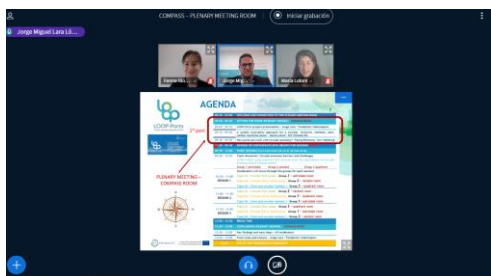
Circular
flows within ports
(and between ports & surrounding area)



Ports &
circular markets

Themes

- Circular economy concept
- Regulations
- Barriers and best practices
- Areas of Intervention
- Financial sustainability
- Main challenges



Workshop 3

**INFLUENCE KEY STAKEHOLDERS AT NATIONAL LEVEL IN ORDER
TO BRING CHANGE**



**European
National,
Regional
Local authorities**

SUPPORT TH



#1
#2
#3
#4
#5
#6
#7

Italian institutional workshops

November 26, 2020 - online #9

November 3, 2020 - online #8

N° participants 75

Italian Ministry of Economic Development
Regional public authorities
Academics
Researchers
Industrial sector

N° stakeholders reached:
352 registered delegates in

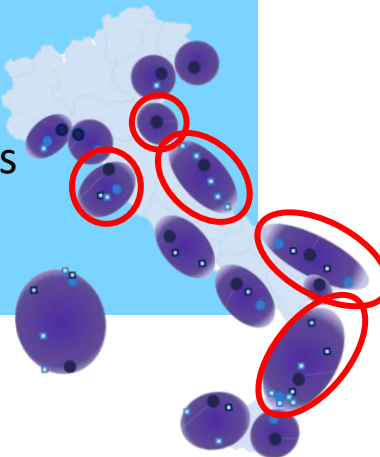


N° stakeholders reached:
509 registered delegates in

ECOMONDO
THE GREEN TECHNOLOGY EXPO

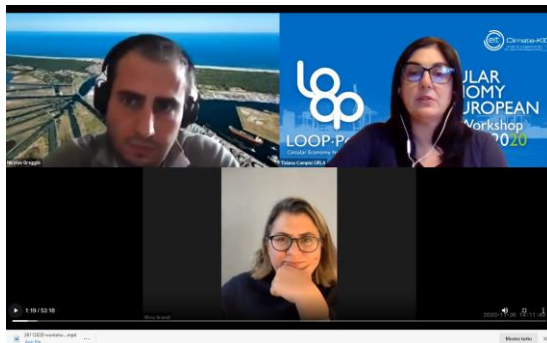
Themes discussed

Needs
Barriers
Strategies



Themes discussed

Sediment strategy
EU ports strategies
for sediments
management





November 26, 2020. – Danish institutional workshop.

No. Participants 7

Private

4

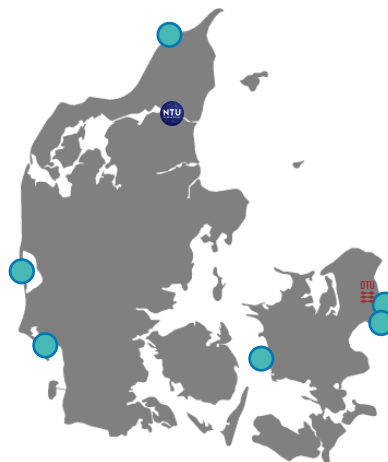
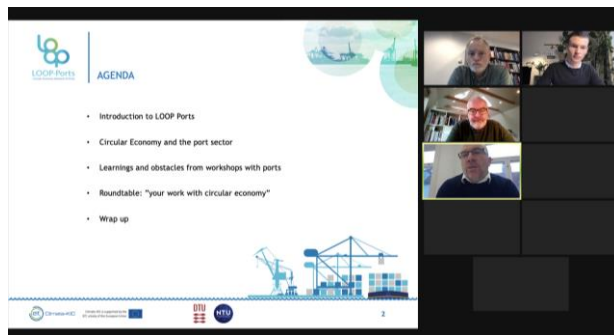
Public

3

Follow-ups and stakeholder engagement with further 8 organisations.

Goal: Dissemination of all work packages with special focus on barriers against CE implementation faced by the ports.

Feedback: Danish Maritime Authority: «Thanks for a good meeting. See you at the final conference!»



Institutional workshop on circular economy in ports of the Valencian Community



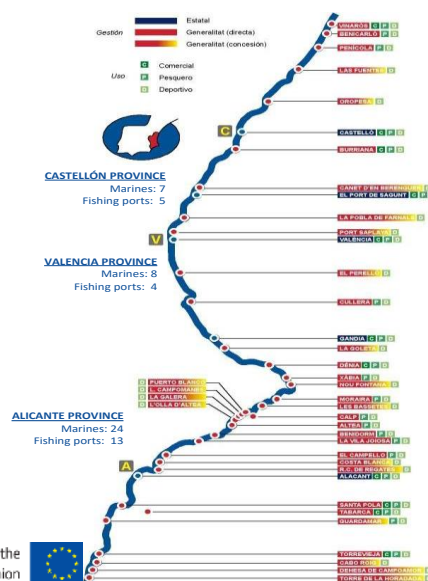
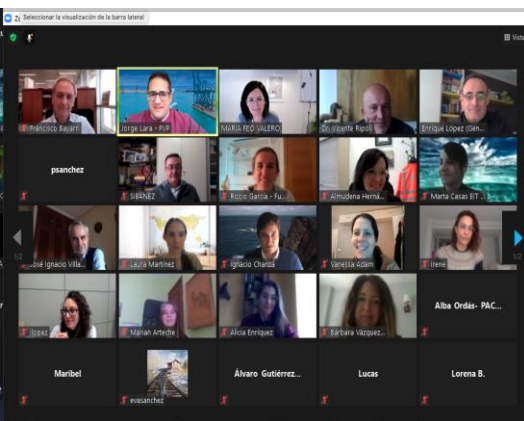
November 26, 2020 via Zoom – Spain institutional workshop

N° participants (80)

Private	Public
50	30

- ✓ 23 Port Authorities & public institutions
- ✓ 19 Companies of port & logistics cluster
- ✓ 17 Env. & CE solutions providers
- ✓ 16 Research
- ✓ 5 others

Participation of different administrations of the Region of Valencia linked to the port and CE sector
Presentation of the results of the project and thereby open the discussion about the potential of the CE in the ports of the Valencian Community
Role of institutions to facilitate and promote its implementation.



Feedbacks

- ✓ Effective transition towards CE requires the commitment of all social and economic agents. Transition to CE cannot be the exclusive responsibility of public administrations. Key role of the consumer.
- ✓ From the institutional point of view, a high level of coordination is necessary between all the public administrations competent in the environmental field.
- ✓ Regulatory adjustments to the new CE context are needed → e.g. promotion status of "by-product" and "end of waste criteria" and extended producer responsibility schemes.
- ✓ CE actions already present to a greater or lesser extent in all the ports of the Valencia region. CE perceived as of strategic interest by port managers



POLITÉCNICA

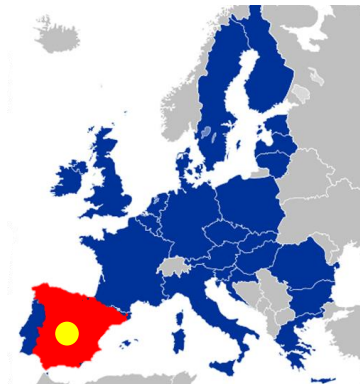
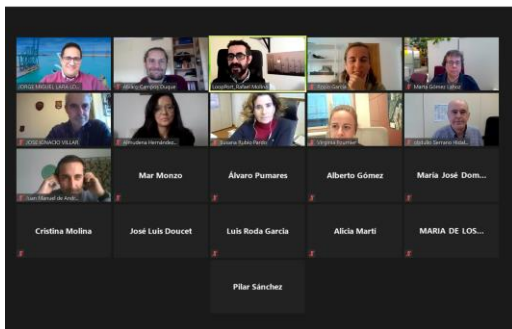
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POLITÉCNICA
DE MADRID

December 4, 2020, Online – Spain institutional workshop

N° participants (31)
Private 2 Public 29

Spanish Institutional Port Organism,
Port Authorities,
Universities,
Other Public Bodies,
Private companies

- Importance of CE in the port's sector
- Perspective from the Public Organism in charge of managing Spanish State-Owned Ports
- EIT Climate-KIC strategy
- Main results of the project
- Diagnosis of CE in Spanish Ports, areas of intervention and possible actions



November 26, 2020, Online – Dutch institutional workshop

N° participants (31)

Private 19 Public 23

Port of Rotterdam

Key messages

Based on prior quantitative analyses, decommissioning of offshore windparks provides opportunities for port and industry



Feedbacks/conclusions

Initiate 'one-stop shop' for efficient operation; involve complete chain; Follow-up in Europe will be set up.



December 7, 2020, Online – German institutional workshop

N° participants

Private 0 Public 10

Member of European Parliament
Port Authorities

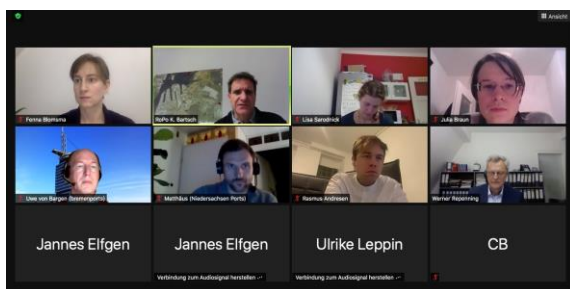
Themes discussed



EU Parliament: Discussions and Perspectives

Ports as a place of innovation and as a driver for new business areas

Demand or open question: How can port administrations be supported to take on a formative role that affects the port?





December 16, 2020 - Spain institutional workshop and project event

N° participants +150

Maritime and port sector
European Union
Universities
Port Associations
Port Authorities



- New EU CE action plan
- WPSP program
- EIT Climate-KIC strategy
- Main results of the project
- **Next steps**

#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14

Stakeholders coverage area at the end of the project & Network consolidation



MEMBERS OF THE LOOP-Ports NETWORK

45 ORGANISATIONS

33 PORT AUTHORITIES:

- Spain (12)
- 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 ASSOCIATIONS:

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

❖ 4 PUBLIC AUTHORITIES:

- Spain (3)
- Italy (1)

❖ 1 ENVIRONMENTAL MANAGEMENT ORGANISATION:

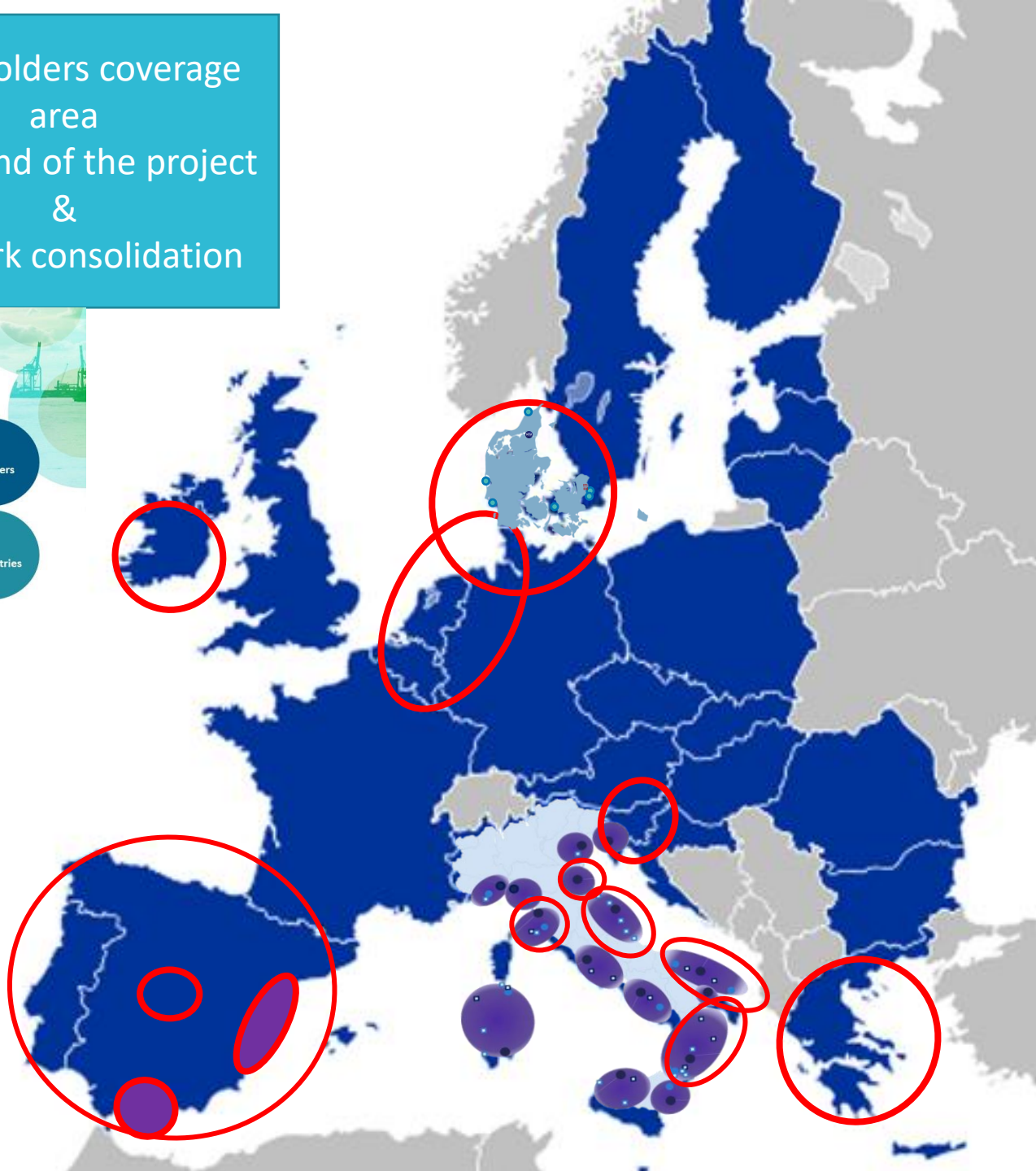
- CLARA - Servizi Ambientali per il Territorio

45
Members

14
EU countries



More 550 persons
involved in CE for
ports





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for life



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for

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THANK YOU!!



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