

# CIRCULAR ECONOMY ... IN PORTS

- Fastest growing business strategy area in Europe ➡ • How does it look for Danish ports?
- Closing the loops ➡ • In which areas could we close loops?
- 1.8 trillion Euro per year in Europe ➡ • How much potential in ports?
- Decoupling value creation from resource consumption ➡ • As service-hubs, ports have a good start
- Requires a systemic approach ➡ • How to create the system & infrastructure?





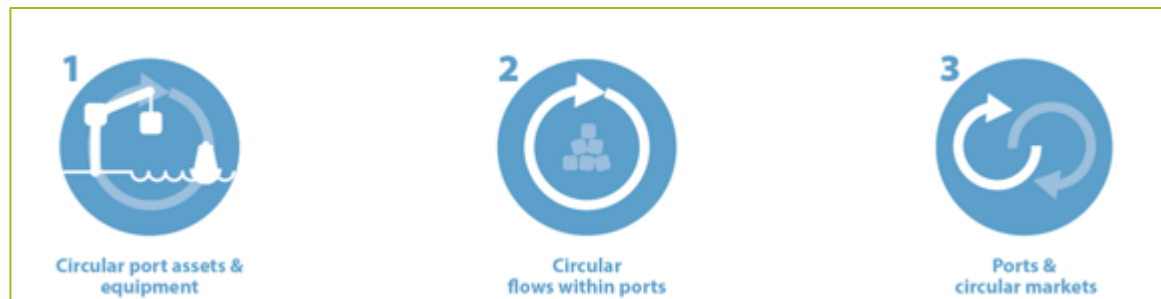
# COFFEE TIME



# Presentation of learnings from port engagement workshops

Monika Elend







## Engagement workshops

|                                 | goal   | participants  |
|---------------------------------|--|---|
| <b>Roundtable 4.1</b>           | prepare and connect with stakeholders; to acquire key knowledge (see ) from individual organisation; to initiate the dialogue  | 1-3 stakeholders and local players  |
| <b>WS1 technical workshop</b>   | the goal is hearing and collecting <b>needs</b> and knowledge gaps as for the specific project /challenge and to seek a solution in order to co-design the roadmap for finding solutions and strategies; | few stakeholders closely related to the challenge, identified with the case study   |
| <b>3 training WP3</b>           | (only 3 places), it will support the development of CE approach, for the port issue.   |   |
| <b>WS2 "challenge workshop"</b> | "challenge workshops" where the project is defined and organised with local important stakeholders for creating a roadmap (also other ports)   | Main stakeholder identified by stakeholder mapping in T4.1, <b>including the invited ports who signed the Eol and also other ports</b> (all the national ones and 1 or 2 foreign ports) |
| <b>WS3 "national workshop"</b>  | to present the outcomes of previous meetings, to introduce the circular economy of the ports   | national workshop with authorities + Representatives of institutions + EOI ports  |

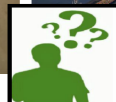
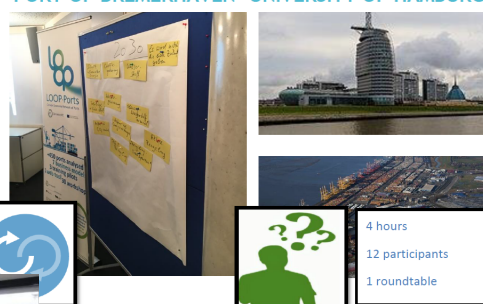


## 6 Local workshops

- Understand status quo of CE
- Define barriers
- Develop a common vision with all stakeholders
- Make a step further (challenge)
- Show opportunities CE can provide to local port challenge

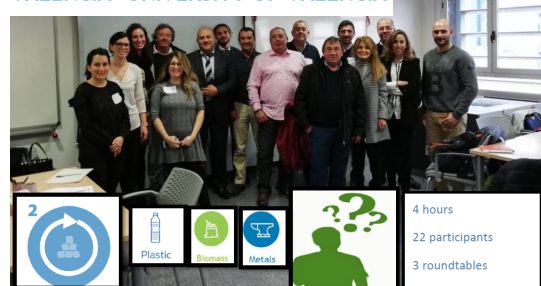


PORT OF BREMERHAVEN- UNIVERSITY OF HAMBURG



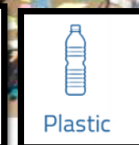
4 hours  
12 participants  
1 roundtable

VALENCIA- UNIVERSITY OF VALENCIA



4 hours  
22 participants  
3 roundtables

PORT OF RAVENNA - UNIVERSITY OF BOLOGNA



4 hours  
16 participants  
1 roundtable

PORT OF VALENCIA - FUNDACION VALENCIAPORT



Circular economy at  
Port Clusters  
Raise Awareness and  
Port Strategy.



5 hours  
58 participants  
5 roundtables  
Conference



PORT OF MALAGA - UNIVERSITY OF MADRID



COMPASS – PLENARY MEETING ROOM | Iniciar grabación

Jorge Miguel Lara Ló...

Fenna Blo... Jorge Mig... María Loloni

## AGENDA

**1st part**

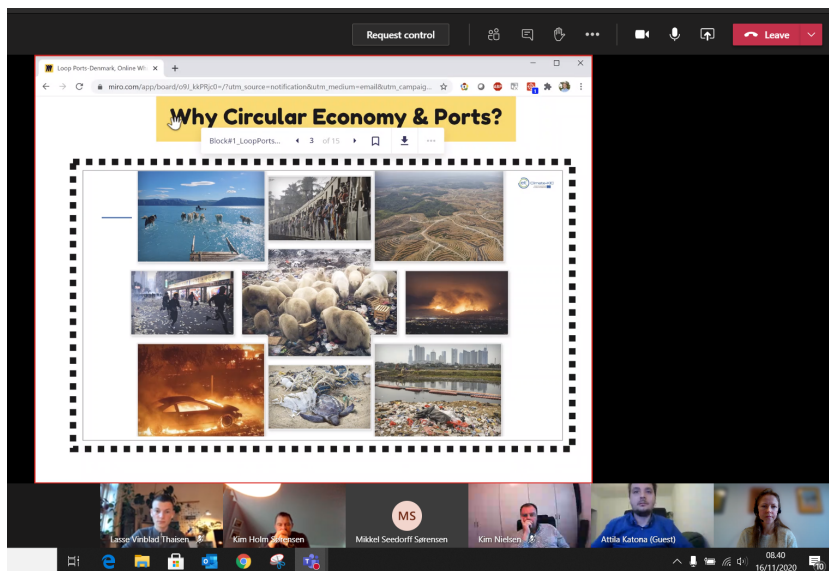
**PLENARY MEETING – COMPASS ROOM**

|               |   |
|---------------|---|
| 08:45 - 09:00 | WELCOME AND CONNECTION TO THE PLENARY MEETING ROOM  |
| 09:00 - 09:40 | SETTING THE SCENE (PLENARY SESSION) - COMPASS ROOM  |
| 09:00 - 09:10 | LOOP-Ports project presentation - Jorge Lara - Fundación Valenciaport   |
| 09:10 - 09:20 | A system innovation approach for a circular, inclusive, resilient, zero-carbon maritime sector - María Loloni - EIT Climate-KIC   |
| 09:20 - 09:35 | How ports can work with circular economy? - Fenna Blomsma - Uni. Hamburg  |
| 09:35 - 09:45 | DIVISION OF PARTICIPANTS INTO GROUPS FOR SESSIONS   |
| 09:45 - 12:00 | WORK SESSIONS (EACH PARTICIPANT WILL BE IN THE SAME ROOM)   |
| 09:45 - 10:20 | Topic discussion: Circular economy barriers and challenges<br>Collect ideas, good practices and concerns from the participants on Circular economy (fixed working tables)                                     |
|               | Group 1 - astrolabe Group 2 - sextant Group 3 - quadrant<br>(moderators will move through the groups for each session)  |
| 10:20 - 11:00 | SESSION 1<br>Topic #1 - Circular Port Assets - Group 1 - astrolabe room<br>Topic #2 - Circular Flows within ports - Group 2 - sextant room<br>Topic #3 - Ports and circular markets - Group 3 - quadrant room |
| 11:00 - 11:30 | SESSION 2<br>Topic #1 - Circular Port Assets - Group 2 - sextant room<br>Topic #2 - Circular Flows within ports - Group 3 - quadrant room<br>Topic #3 - Ports and circular markets - Group 1 - astrolabe room |
| 11:30 - 12:00 | SESSION 3<br>Topic #1 - Circular Port Assets - Group 3 - quadrant room<br>Topic #2 - Circular Flows within ports - Group 1 - astrolabe room<br>Topic #3 - Ports and circular markets - Group 2 - sextant room |
| 12:00 - 12:30 | BREAK TIME  |
| 12:30 - 13:05 | CONCLUSIONS (PLENARY SESSION) - COMPASS ROOM  |
| 12:30 - 13:00 | Key findings and next steps - All moderators  |
| 13:00 - 13:05 | Final notes and closure - Jorge Lara - Fundación Valenciaport   |
| 13:05         | END OF THE PANEUROPEAN WORKSHOP   |



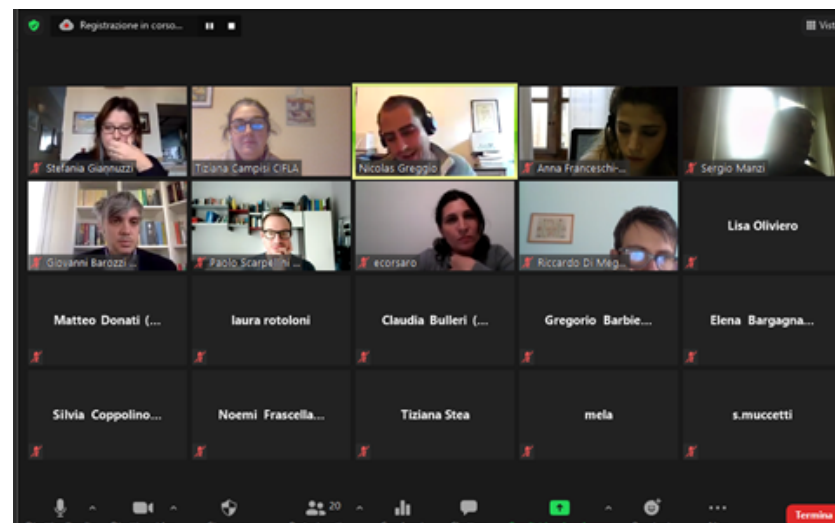


## DENMARK



The screenshot shows a Miro board titled "Why Circular Economy & Ports?". The board contains several images: a port with ships, a large pile of waste, a city skyline, a car, and a landscape with solar panels. The board is being viewed in a web browser window. Below the board, there is a video call interface showing participants: Lasse Vindsted Thomsen, Kim Holm, Mikkel Seedorff Sørensen, Kim Nielsen, and Attila Kalona (Guest).

## ITALY



The screenshot shows a video call interface with 15 participants. The participants are arranged in a grid. The names of the participants are: Stefania Giannuzzi, Tiziana Campisi CIFA, Nicolas Greggio, Anna Franceschi..., Sergio Manzi, Giovanni Barozzi, Paolo Scarpellini, ecorso, Riccardo Di Mig, Lisa Oliviero, Matteo Donati (...), laura rotoloni, Claudia Bulleri (...), Gregorio Barbie..., Elena Bargagna..., Silvia Coppolino..., Noemi Frascella..., Tiziana Stea, mela, and s.muccetti. The interface includes a "Registrazione in corso..." status bar at the top and a "Termina" button at the bottom right.

## SPAIN

...beginning of December

Knowledge of CE activities implemented in other ports and their replicability

Showcasing value through Circular Economy

Awareness and information on CE potential

Harmonization of national legislation

Better communication between companies operating in port environment

Networking, exchange of practices, inspiration

To have a clear picture of the circular flows in the port

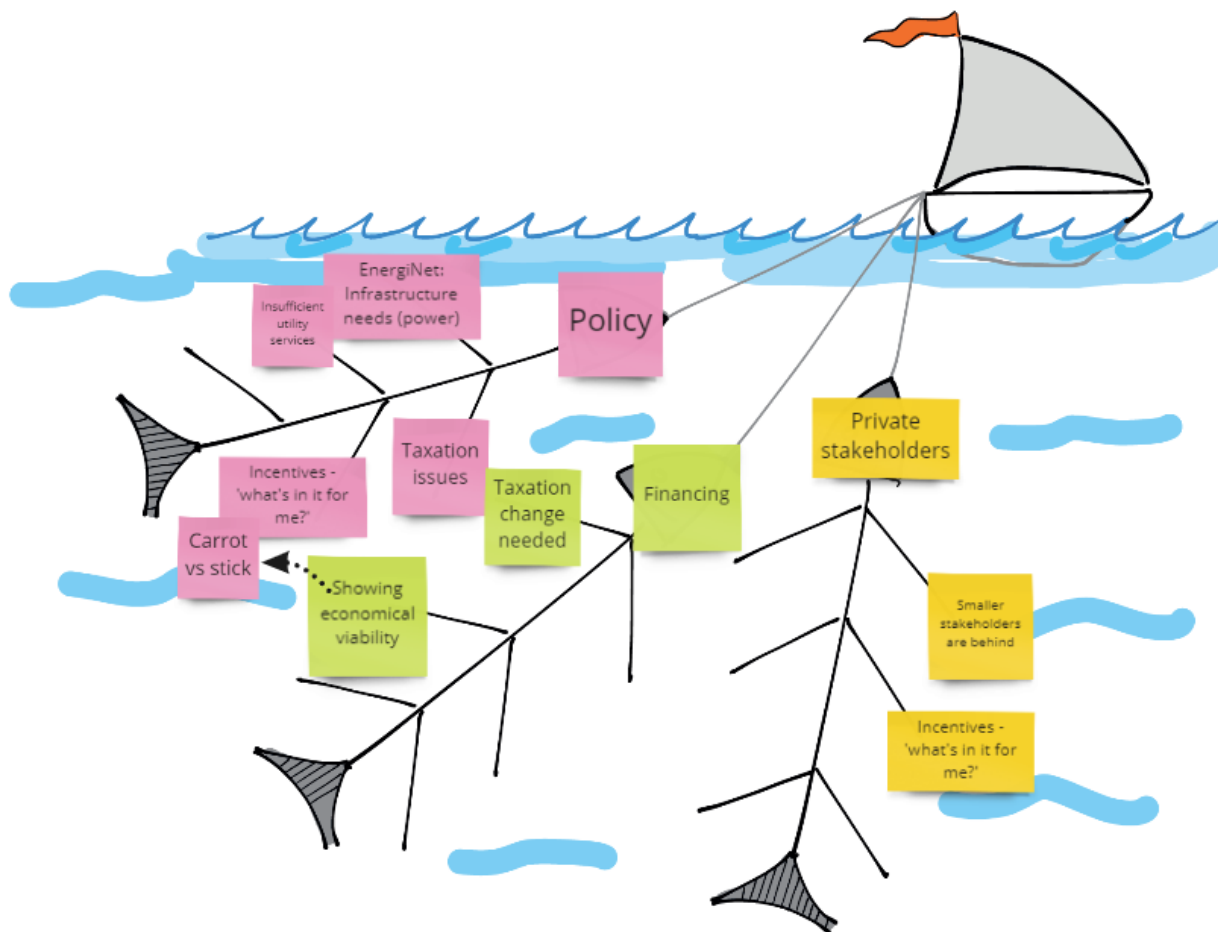
Facilitation of trust between companies

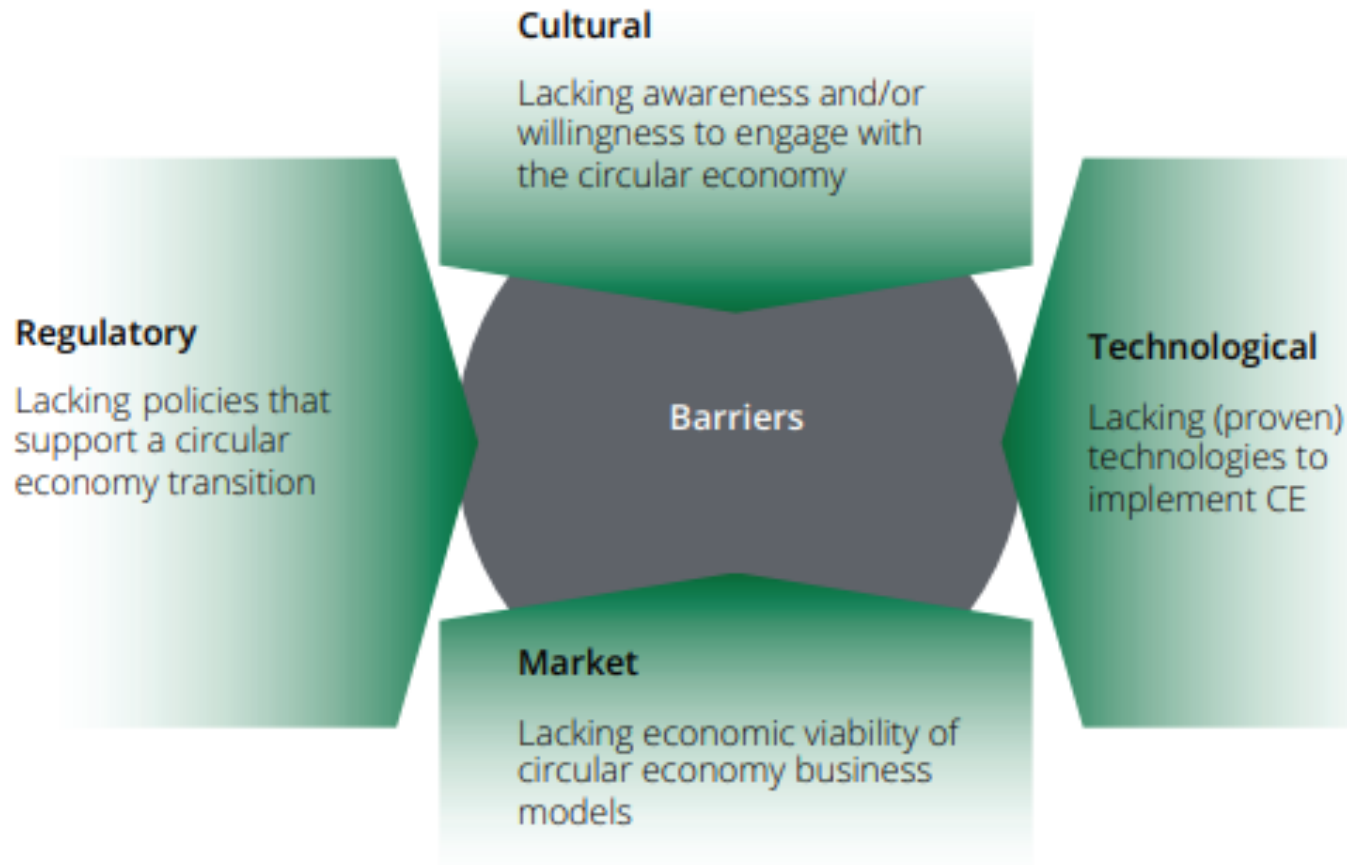




LOOI  
Circular Econom

## Fishing for barriers







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**TNO** innovation  
for life



Tak



ALMA MATER STUDIORUM  
UNIVERSITA DI BOLOGNA



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# Roundtable: “your work with circular economy”

 **Mentimeter**



# Future interventions and wrap-up



## Tools for circular transition



- MATCHe: Circular readiness tool
  - [www.matche.dk](http://www.matche.dk)
- CIRCit:
  - Tools for circular transitions in the manufacturing industry
  - 6 practical workbooks
  - 77 company cases
  - [www.circuitnord.com](http://www.circuitnord.com)
- PROTEUS: product/service systems in the maritime industry
  - [www.proteus.dtu.dk](http://www.proteus.dtu.dk)



# LOOP.Ports

Circular Economy Network of Ports



FUNDACIÓN  
VALENCIAPORT

## FINAL CONFERENCE

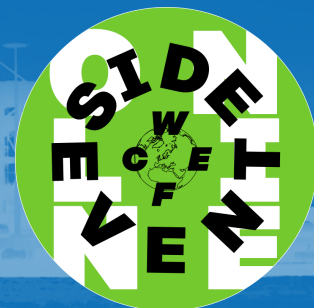
Online

16<sup>th</sup> December 2020



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for life



**TAK!**



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