

CIRCULAR ECONOMY PANEUROPEAN

Online Workshop
7th October 2020

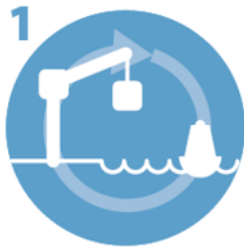
How & what of today...

Some practical announcements...

08:45 - 09:00	WELCOME AND CONNECTION TO THE PLENARY MEETING ROOM
09:00 - 09:40	SETTING THE SCENE (PLENARY SESSION)
09:00 - 09:10	LOOP-Ports project presentation - Jorge Lara - Fundación Valenciaport
09:10 - 09:20	Maritime projects linked with circularity - Maria 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 <i>Collect ideas, good practices and concerns from the participants on Circular economy (fixed working tables) (Group 1 - Group 2 - Group 3)</i> (moderators will move through the groups for each session)
10:20 - 11:00 SESSION 1	Topic #1 - Circular Port Assets - Group 1 Topic #2 - Circular Flows within ports - Group 2 Topic #3 - Ports and circular markets) - Group 3
11:00 - 11:30 SESSION 2	Topic #1 - Circular Port Assets - Group 2 Topic #2 - Circular Flows within ports - Group 3 Topic #3 - Ports and circular markets) - Group 1
11:30 - 12:00 SESSION 3	Topic #1 - Circular Port Assets - Group 3 Topic #2 - Circular Flows within ports - Group 1 Topic #3 - Ports and circular markets) - Group 2
12:00 - 12:30	BREAK TIME
12:30 - 13:05	CONCLUSIONS (PLENARY SESSION)
12:30 - 13:00	Key findings and next steps - All moderators
13:00 - 13:05	Next workshop and closure - Jorge Lara - Fundación Valenciaport
13:05	END OF THE PANEUROPEAN WORKSHOP

Circular Economy as a way to develop a systematic sustainability agenda

In the next sessions we will go more in depth on each theme...



Circular port assets & equipment

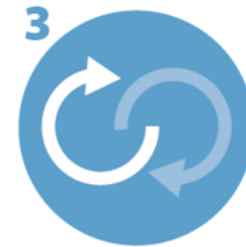
Optimisation of capacity and life-time extension of port assets, such as buildings, cranes, quays, buoys and other equipment through smarter use (e.g. renting, sharing) and smarter maintenance.



Circular flows within ports

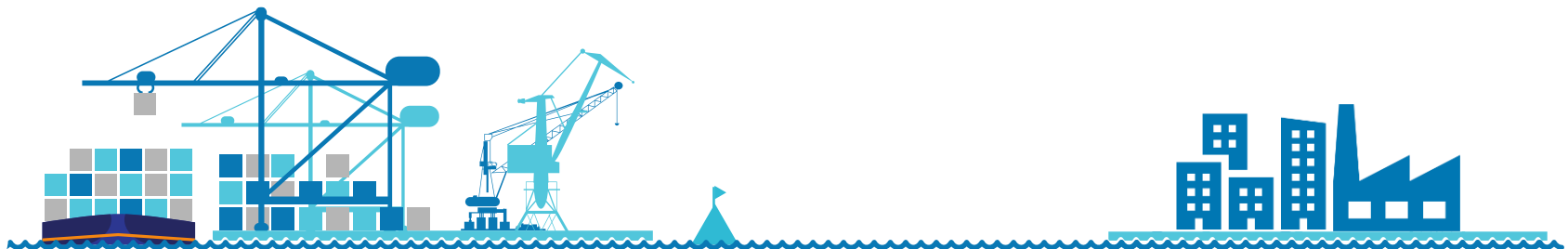
(and between ports & surrounding area)

New uses for would-be wastes generated by port activities, such as ship waste and by-products of industries within ports and port activities.



Ports & circular markets

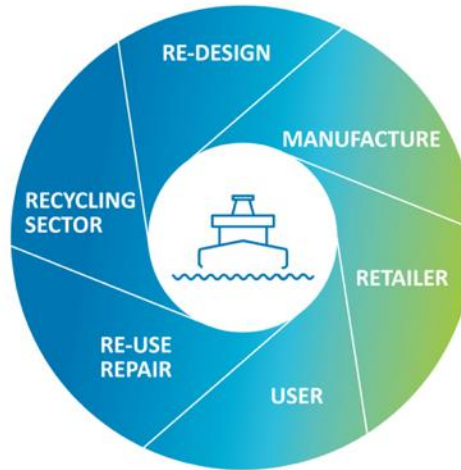
Ports enabling other industries – both on and offshore – to become more circular by developing new activities that connect supply and demand for circular resources (targeted at resource flows through ports).



Port

Market/ sector

On the topic of 'circular economy'



+ joining us from the project...



**Cristian
Chiavetta
(ENEA)**

- Moderator -



**María
Feo Valero
(UV)**

- Facilitator -

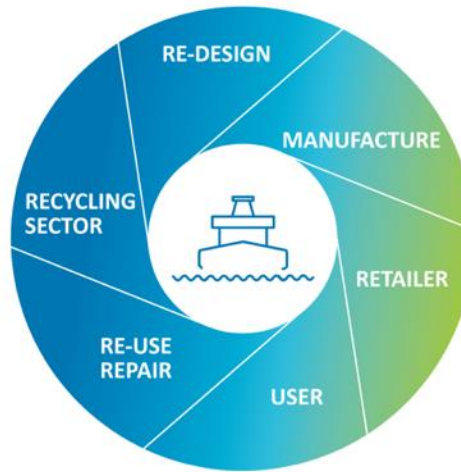


**Alvaro
Campos
(UPM)**

- Facilitator -

On the topic of 'circular economy'

For the overall topic...



1. Briefly (!) introduce yourself:

- Which port? What role?
- Experience with CE? (None (yet), somewhat, very experienced...?)
- What do you hope to get out of today?

2. What is your connection to or experience with Circular Economy?

- If new to CE: what attracts you? Which directions are you exploring?
- If experienced: what have you already learned?

In this session we will focus on theme 2

In the other sessions the other two themes will be discussed...



Circular port assets & equipment

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Circular flows within ports

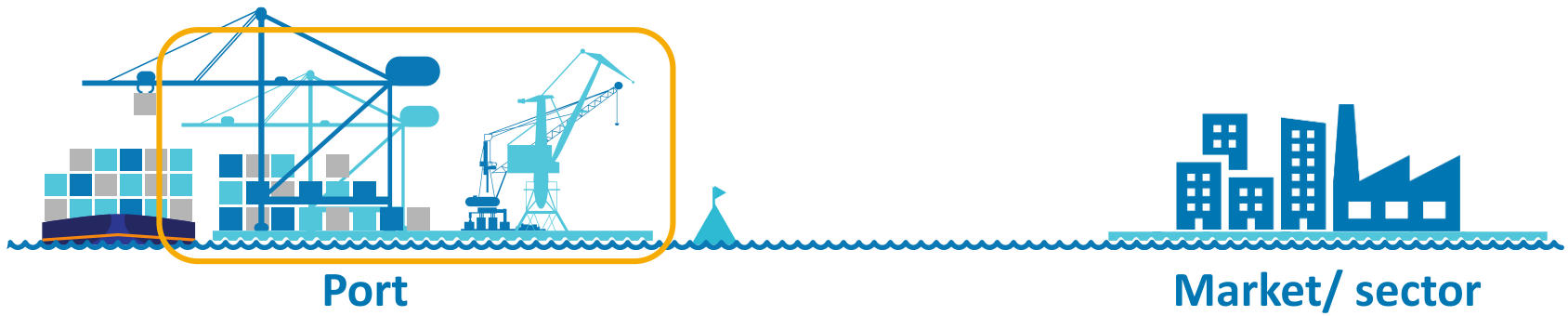
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Ports & circular markets

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CIRCULAR FLOWS WITHIN PORTS

(AND BETWEEN PORTS AND SURROUNDING AREA)



Ravenna district, Italy

Recycling and re-think the fishing nets from aquaculture



Port of Ravenna, Italy

Repair and regeneration of the shipping containers



Port of Rotterdam, NL

Three stages Roadmap to Sustainability

The **COLLABORATIVE** role of the Port Authority

process aspects **BASIC**

market aspects **BASIC**

management aspects **BASIC**

The **FACILITATOR** role of the Port Authority

process aspects **IMPORTANT**

market aspects **BASIC**

management aspects **IMPORTANT**

The **FACILITATOR** role of the Port Authority

process aspects **IMPORTANT**

market aspects **BASIC**

management aspects **IMPORTANT**

CIRCULAR FLOWS WITHIN PORTS

(AND BETWEEN PORTS AND SURROUNDING AREA)



Port of Marseille, FR

Capture of greenhouse gases in microalgae

The VASCO project is using state-of-the-art green chemistry to transform industrial fumes such as CO₂ into a production microalgae.



BOULOGNE-SUR-MER, FR

Valorisation of fish by-products

Fish by-products used as raw materials and ingredients for high value products such as the nutraceuticals, functional food, cosmetics and animal nutrition markets.



COPENHAGEN/MALMÖ, DK

Industrial symbiosis

Development of a port-based industrial symbiosis network, where one facilities' waste is used as the input by another.

A quick quiz to kick-off the discussion

Two short questions...



2-3 mins

- This theme:
- ... is very important for our port at the moment?
- ... is very easy to capture the circular opportunities of?
- ... will be more important for our port in the future?

We will discuss how more can be done or how barriers and enablers can be overcome in the next part of this session.



1. Please go to: menti.com
2. Use the code: 70 28 05 7
3. Click 'submit'
4. Answer the questions

Follow-up question

The key question...



- **What would make it easier to do more on this theme?**

Or: what would have to change to capture more of the opportunities this theme represents?
This can be within the organisation of the port authority, or outside of it.

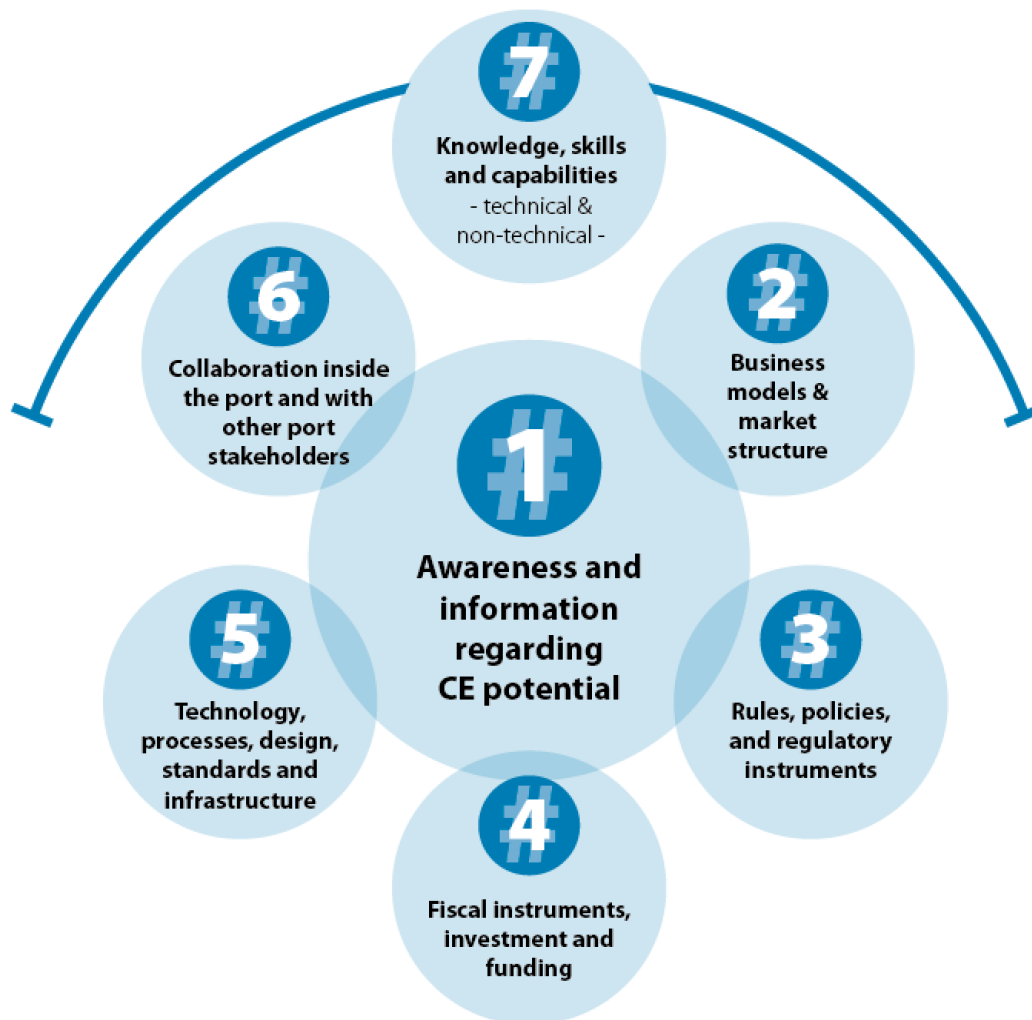
*A few
minutes to
think...*



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LEVERS FOR CHANGE

For example...





MENTIMETER RESULTS & DISCUSSION





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