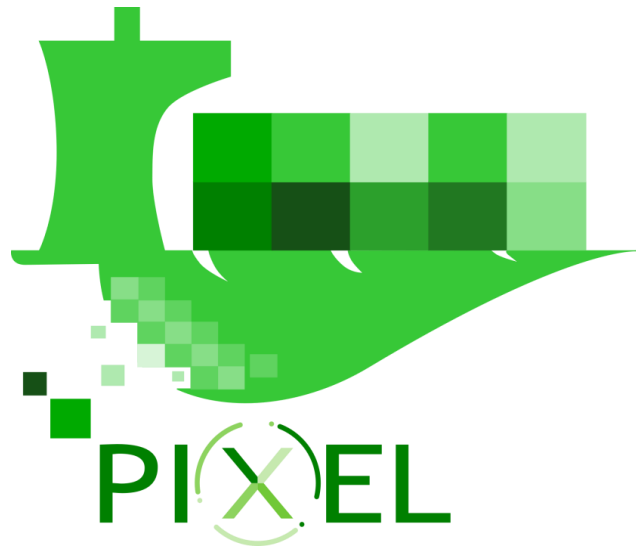


# CSA — RIA cooperation: PIXEL case



PIXEL - Port IoT for Environmental Leverage



**DOCKS THE FUTURE**  
defining the concept of "Port of the Future"

Ignacio Lacalle (UPV)  
Researcher

# PIXEL and DtF encounters



DtF Workshop with Experts, Oporto, October 2018



CD ACE DTF BOR.  
Athens, November 2018



DtF Mid-term event, Trieste, May 2019

We had good times together... seeing each other and sharing the vision of Port of the Future innovation...



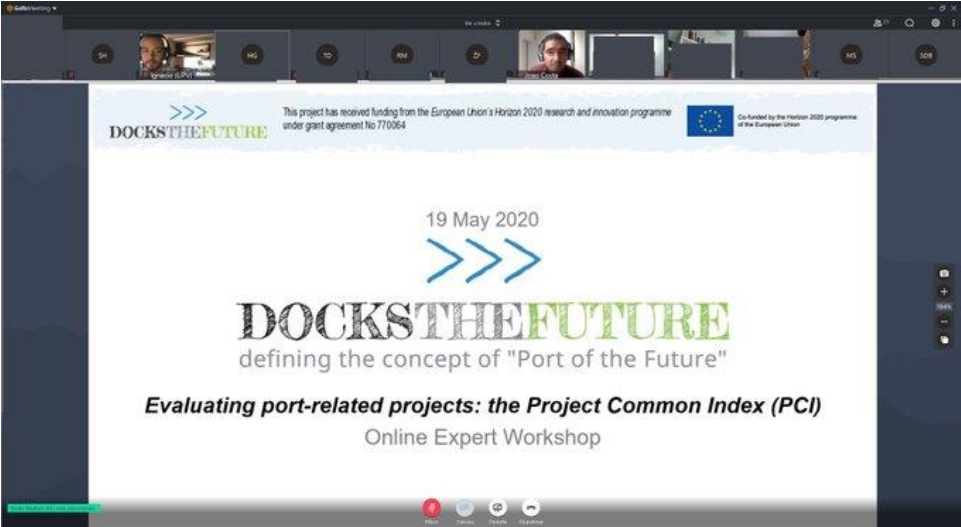
European Maritime Day, Lisbon, May 2019



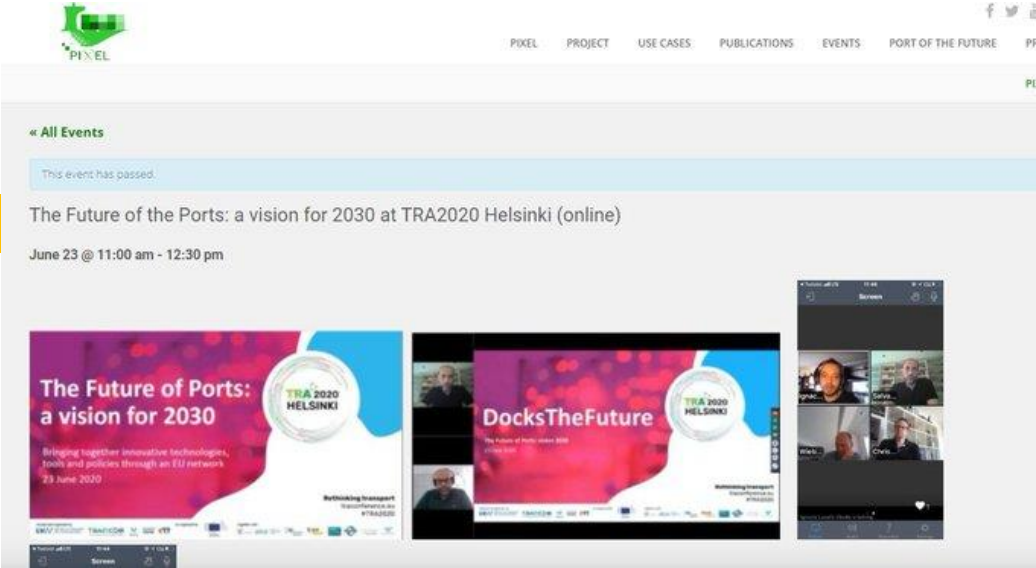
BILOG Conference, La Spezia, October 2019

# PIXEL and DtF (virtual) encounters

*And we adapted to continue virtually (much less fun though...)*



to our

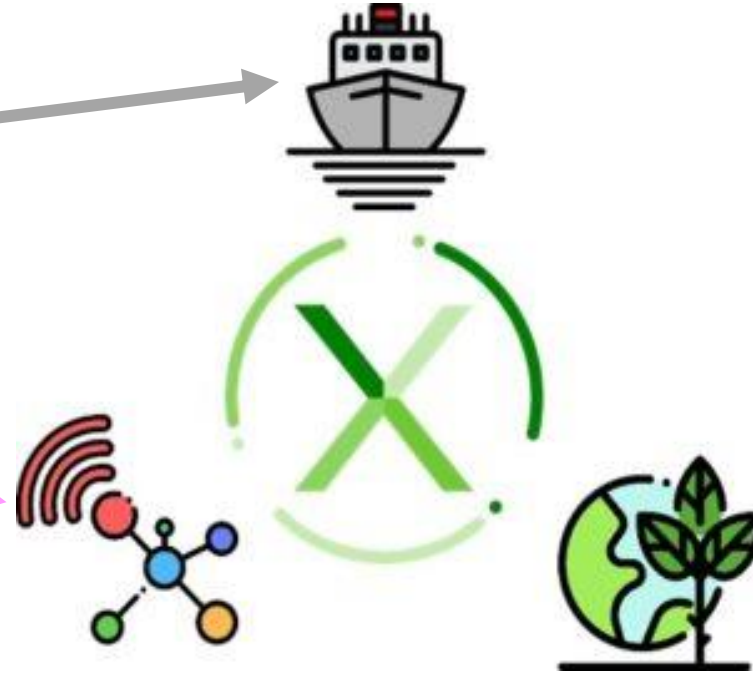


# PIXEL and DtF alignment

What is PIXEL and how has it been aligned with DtF definition of Port of the Future?

According to D1.5 from **DocksTheFuture**,

Whenever thinking about what the **Port of the Future** must be, the 2 key elements that are omnipresent are digitalization/digital transformation and sustainability



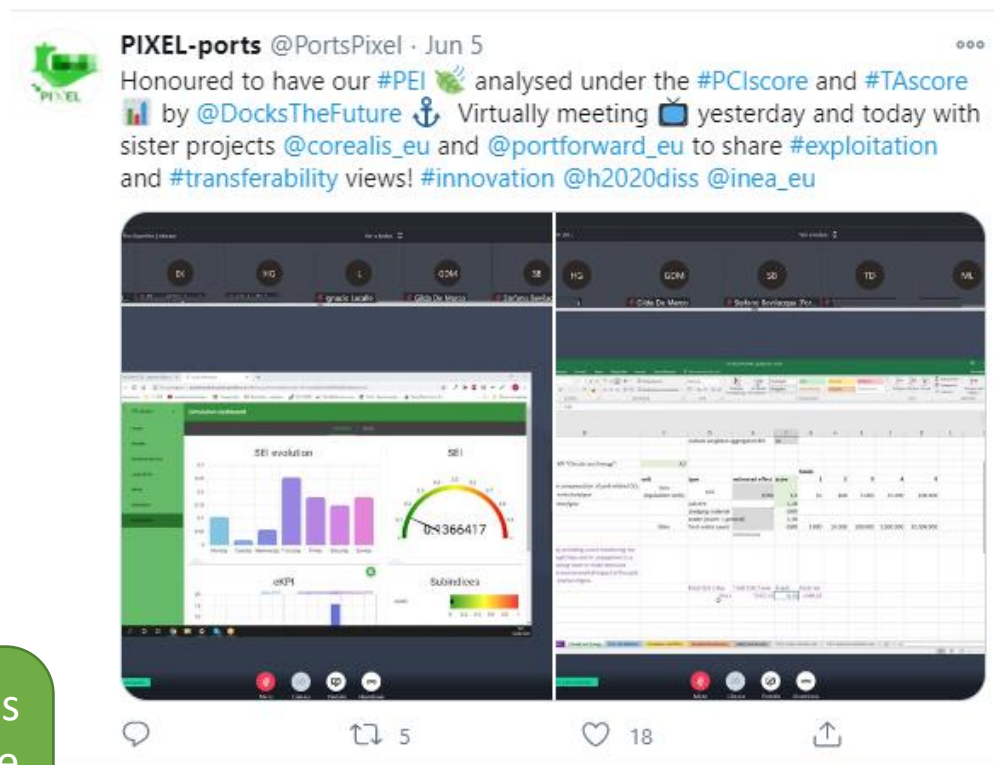


# Hands-on work we did together

- **SUMMER-AUTUMN 2018** – Roadmap for clustering activities and contribution to the PoF definitions
- **WINTER 2018 → WINTER 2019** – Joint events, experts' discussions, bilateral exchange of exploitation products, mutual alignment...
- **WORKSHOPS MAY 2020** – Contribution to deliverable D5.3 of DtF
- **JUNE 2020** – DtF workshops presenting RIA tools (PCI,TA,DSS) and application to PIXEL.



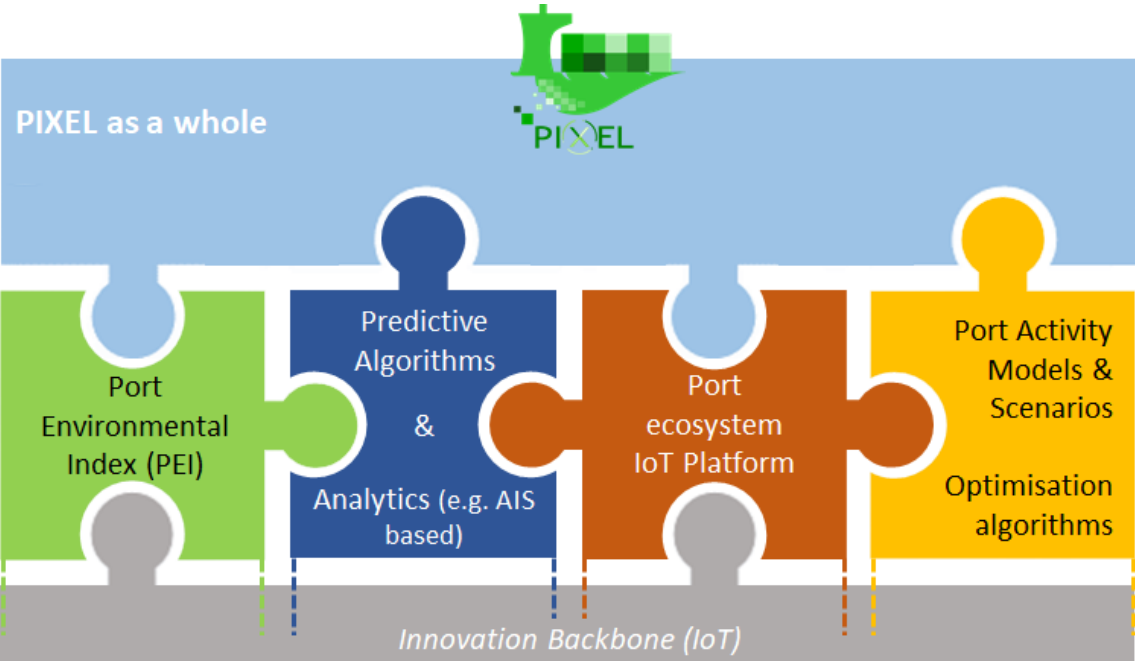
PIXEL's **PEI** was showcased as the example for using the tools



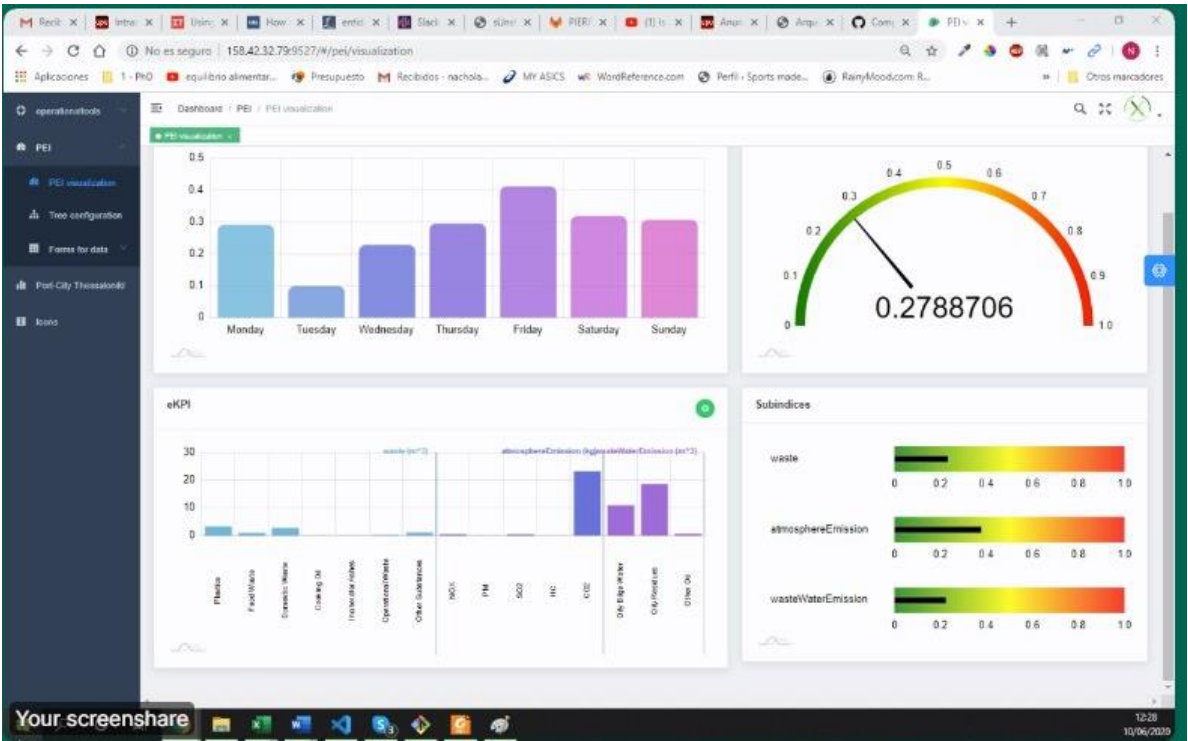
# Hands-on work we did together

[illegible]

# PIXEL innovative proposal



PIXEL innovative schema



PIXEL user-friendly appearance



# The Ports of the Future continues here...

The horizon in the 'Port of the Future' project is set at 203

Number and name measure	Number of assessments
MS380: Information sharing platforms	20
MS220: Environmental compensation measures	17
MS20: Alternative fuels	14
MS440: LNG bunkering, supply and distribution chain	12
MS90: Collaborative network of ICT platforms	12
MS860: Training schemes	11
MS570: Port Collaborative Decision Making	10
MS270: Funding and financing	10
MS160: Developing governance structure	9
MS540: Optimise and digitalise the logistic chain	9

Table 27: Top 10 measures

Deliverable D1.5 DocksTheFuture on the measures about tools that the Ports of the Future will need to dispose of.





# Keep updated about the Port of the Future quest...

**BREAKING NEWS**

By PIXEL Dissemination Team

## PIXEL webinar series Kick-Off

FREE WEBINAR

Prof. Carlos E. Palau (Project Coordinator) and Miguel Ángel Llorente (Technical Coordinator)

Wednesday, January 13th, 2021

REGISTER IN: [WWW.PIXEL-PORTS.EU](http://WWW.PIXEL-PORTS.EU)



Stay tuned at :



<https://pixel-ports.eu>



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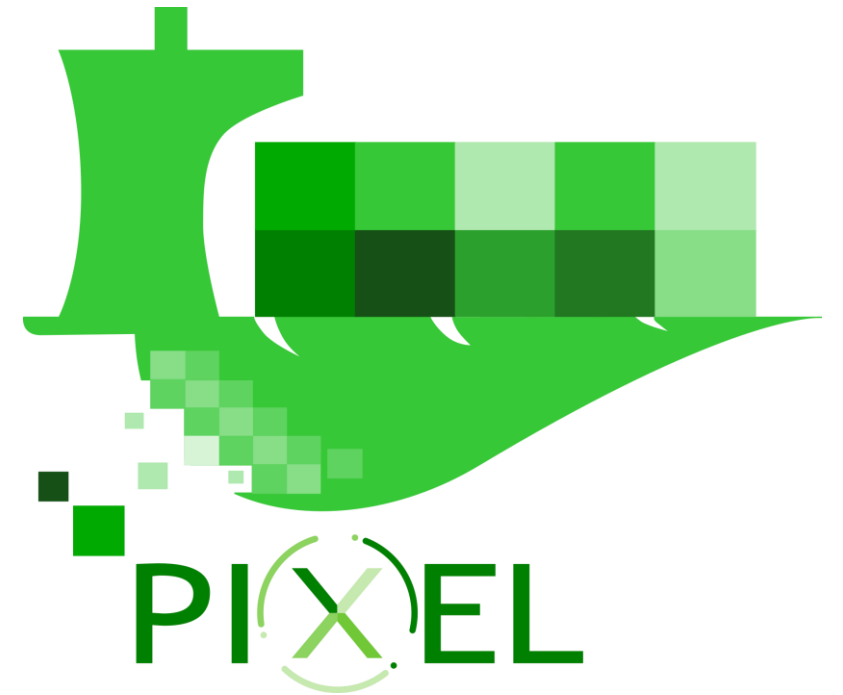
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# Thank You + Questions?



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