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Digitalisation roadmap for the maritime industry

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Interreg Baltic Sea Region

EUROPEAN UNION
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EU STRATEGY FOR THE BALTIC SEA REGION
FLAGSHIP

What?

What was the problem/challenge the case/WP has addressed?

WP 4:

How to improve eco efficiencies by use of digital solutions?

a) For RoRo ships in the Baltic Sea Area
b) In shipbuilding processes in shipyards

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Why?

Why is it relevant from the perspective of the EU, the Green Deal and the environmental targets set for maritime industry?

- Policy agenda-setting
- Promoting and championing eco-efficient policies
- Industry stakeholders can benchmark technology developments
- Researchers may anticipate challenges ahead
- To enable EU to be ahead of the game

How?

How has ECOPRODIGI approached the challenge?

Inter-disciplinary collaboration between consortium members

Which partners were involved?

For the ship operations: DFDS, Island Ferries in Denmark, University of Southern Norway, University of Southern Denmark, Aalborg University, Turku University, Chalmers University of Technology Danish Maritime, Kockum Sonics & Logimatic

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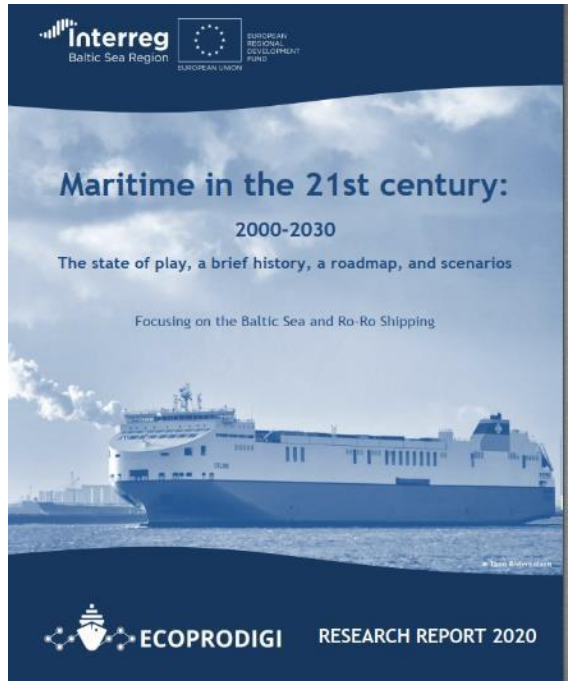
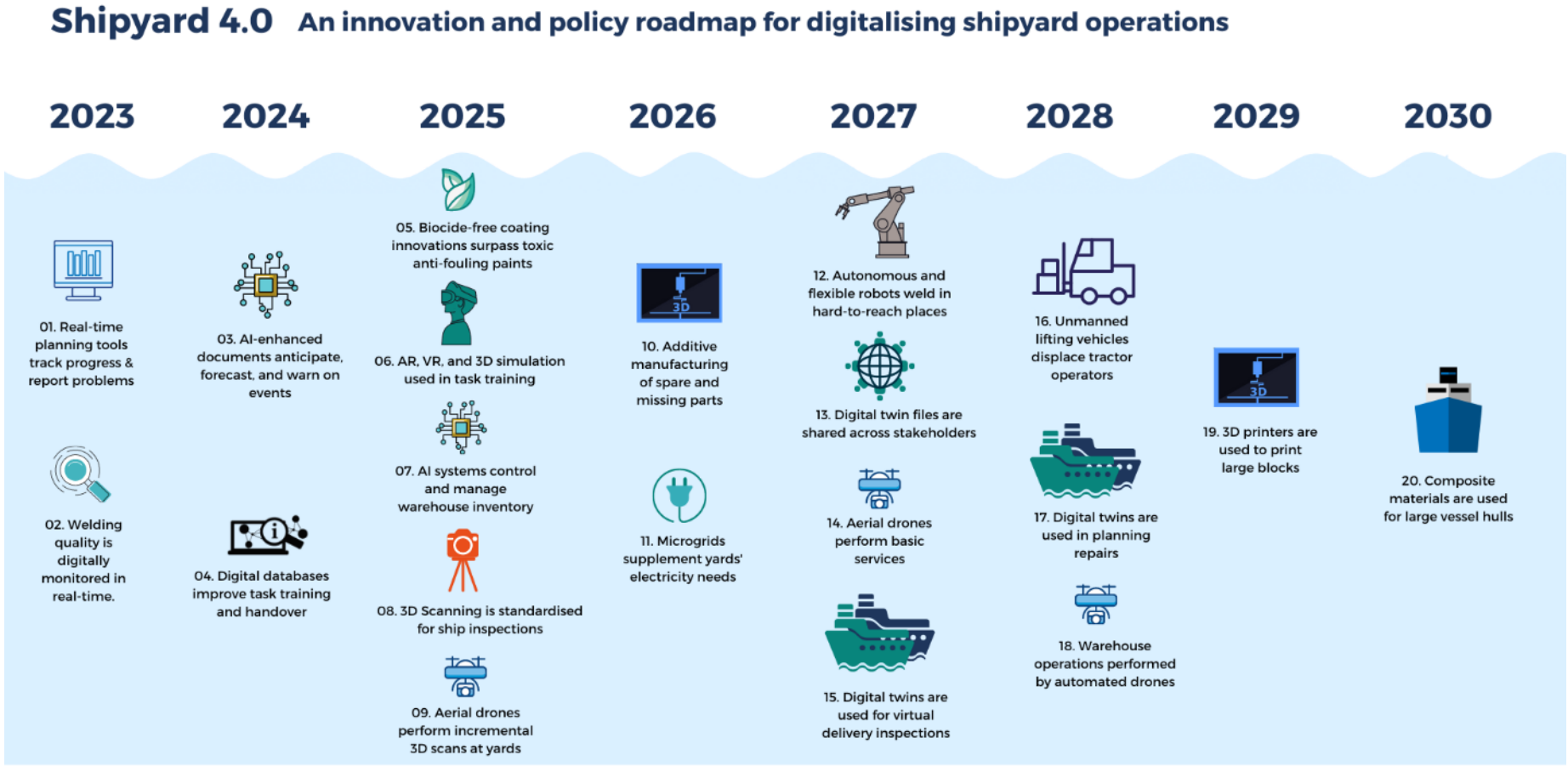
The solution/findings?



The report ”Maritime in the 21st Century: The state of play, a brief history, a roadmap, and scenarios” and roadmap visualisations are available on ECOPRODIGI’s website: https://ecoprodigi.eu/publications

The solution/findings?



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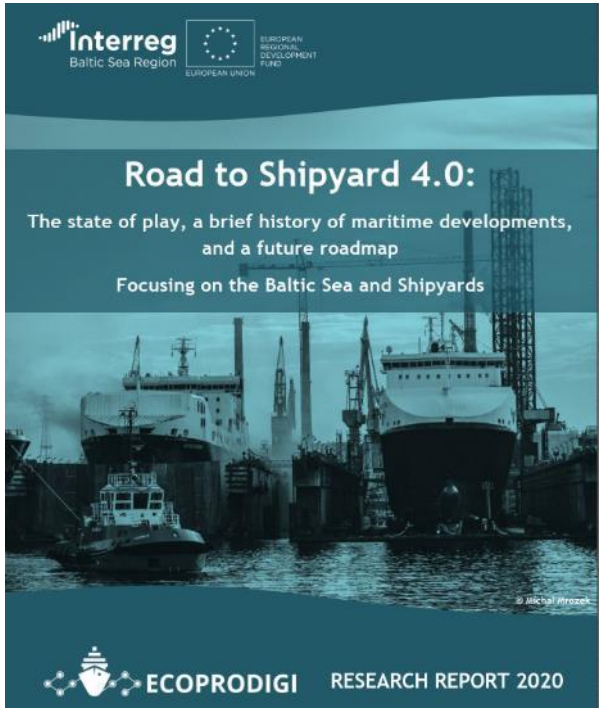

The report ”Road to Shipyard 4.0: The state of play, a brief history of maritime developments, and a future roadmap” and roadmap visualisations are available on ECOPRODIGI’s website: https://ecoprodigi.eu/publications

Relevance?

What is the relevance of the findings / solutions from the perspective of the EU, the Green Deal and the environmental targets set for maritime industry?

- Provides scenarios on possible directions
- Will support policy makers in developing future legislation
- Ship operations and Shipbuilding are industries which we wish to maintain in EU and strengthen going forward
- Projects, research and other initiatives may benefit from building on the scenarios as described.

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Thank you!

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