



Digitalisation roadmap for the maritime industry

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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



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?

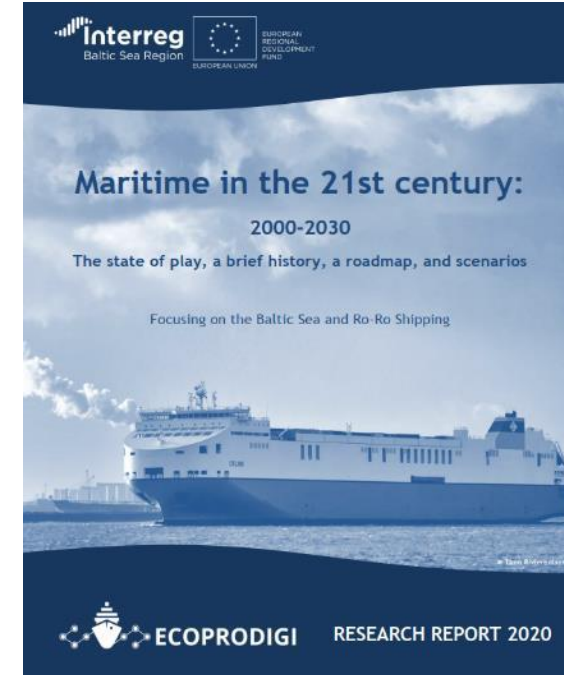
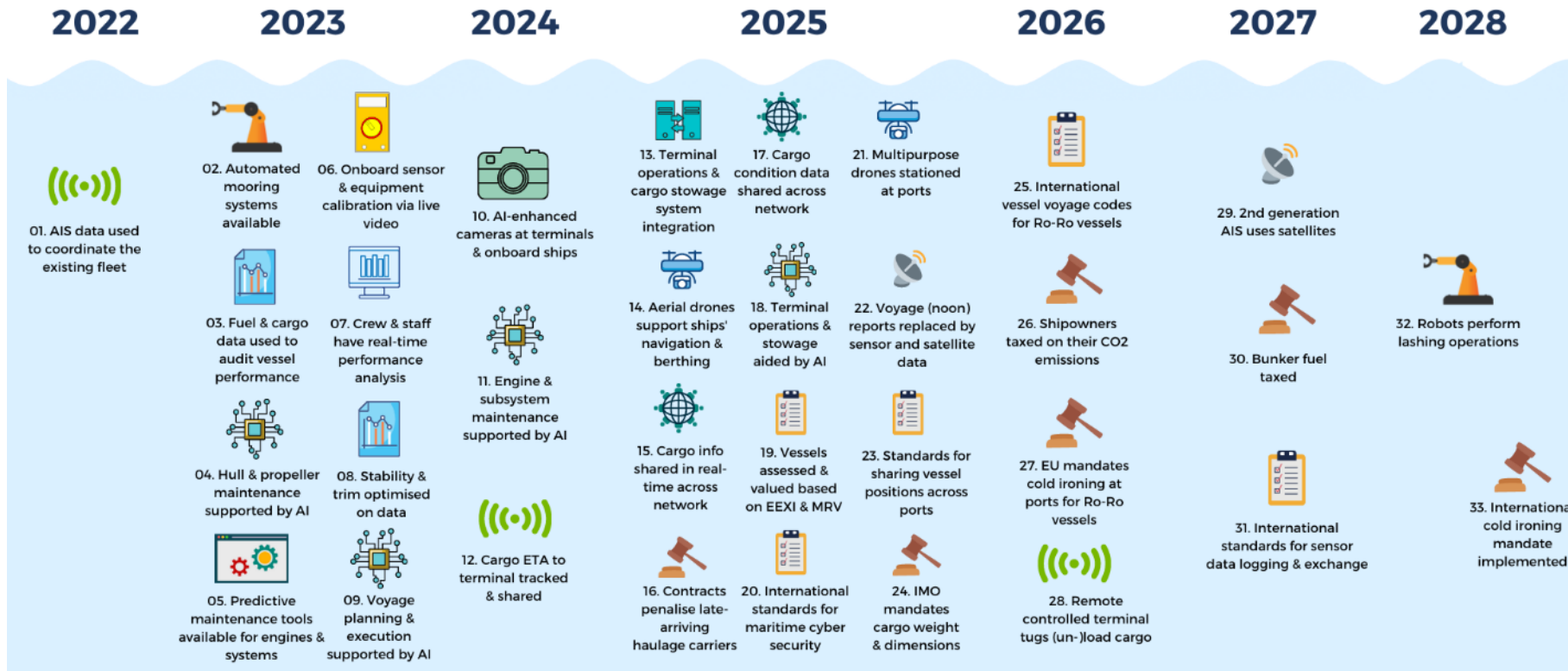
For the ship operations: DFDS, Island Ferries in Denmark, University of Southern Norway, University of Southern Denmark, Aalborg University, Turku University, Chalmers University of Technology Danish Maritime, Kockum Sonics & Logimatic



The solution/findings?

The future of Ro-Ro and Ro-Pax shipping:

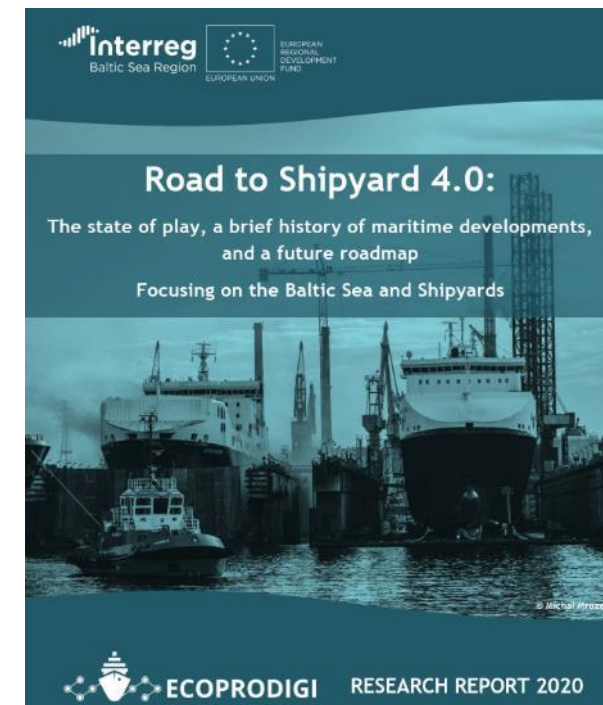
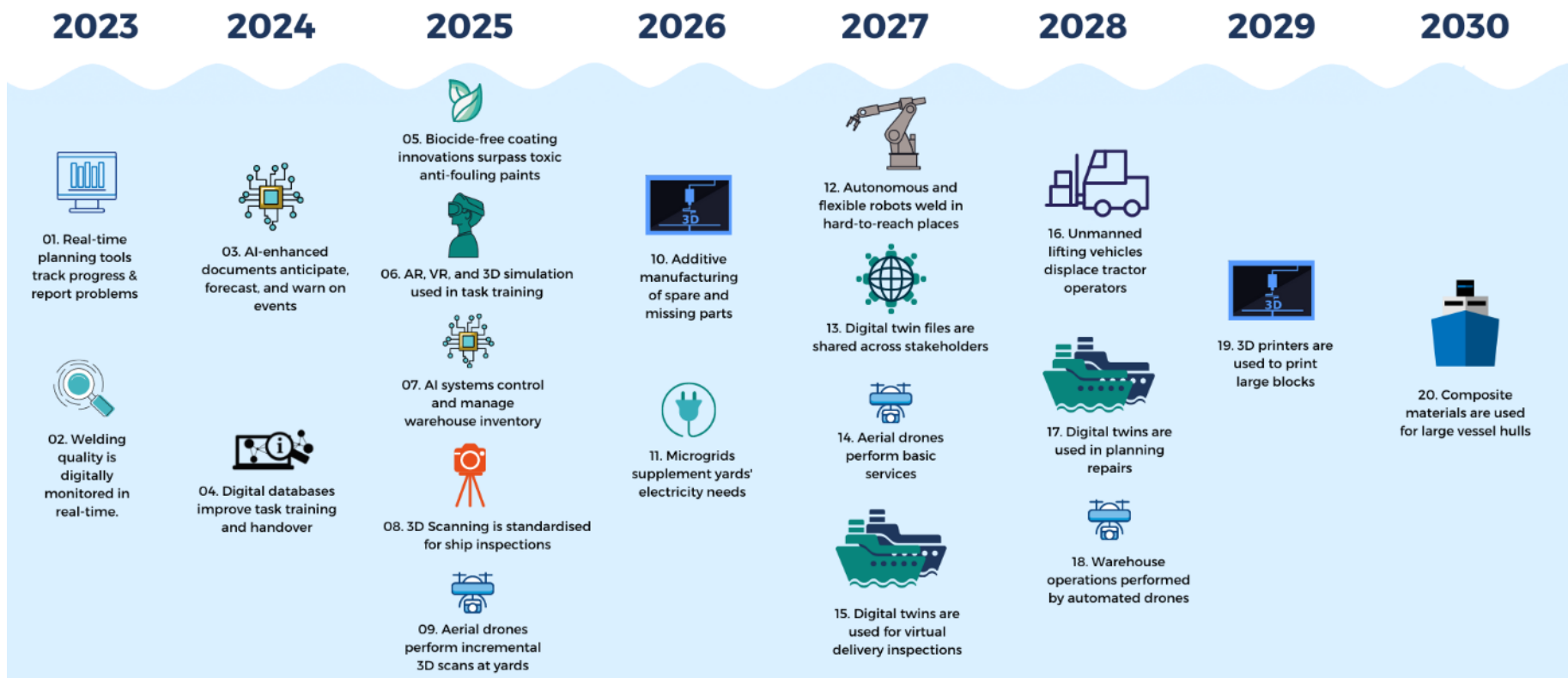
An innovation and policy roadmap for digitalising integrating ship operations



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://ecoprodig.eu/publications>

The solution/findings?

Shipyard 4.0 An innovation and policy roadmap for digitalising shipyard operations



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://ecoprodiggi.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.



Thank you!

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