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Ecosystem for Autonomous Ships

Finland aims to operate world's first autonomous ship system in 2025

Image © Rolls-Royce

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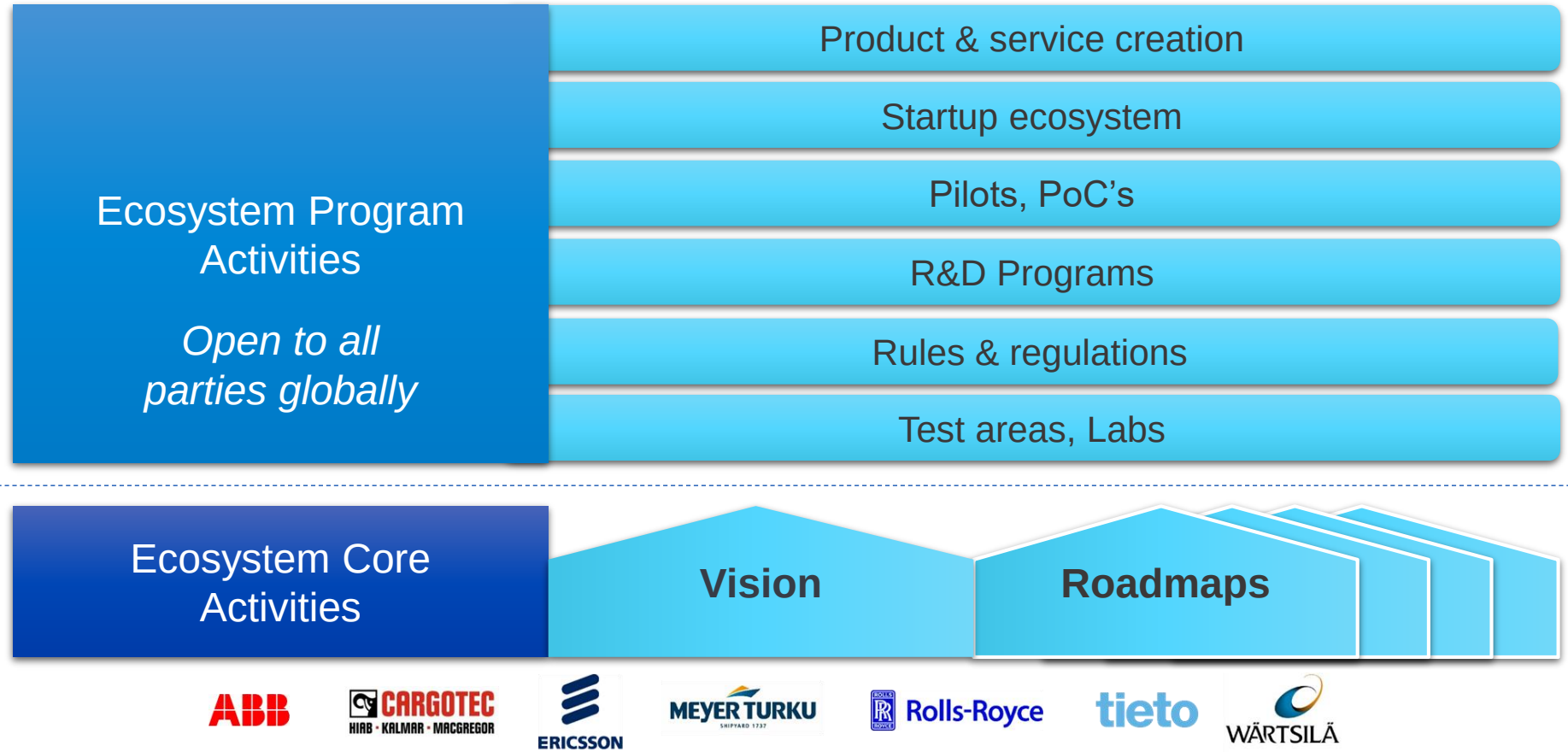
Ecosystem activities

- The ecosystem activities are based on vision and roadmaps prepared by the leading industrial players:

- The roadmaps will be implemented through effective projects that will be open to all relevant companies, start-ups and researchers all over the world.
- The ecosystem will create test areas that will enable concrete trials and pilots in the most challenging conditions (incl. arctic environment).

Ecosystem activities



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Main areas and themes for development

Autonomous vessels

- Situation awareness
- Sensor technology & fusion
- Remote control
- Autonomous operation & navigation

Infrastructure

- Test area, Smart fairways
- Connectivity, Interoperability, Security
- Remote operation centers
- Autonomous port

Rules & regulation, Value chain evolution, Service design

Competence, Education

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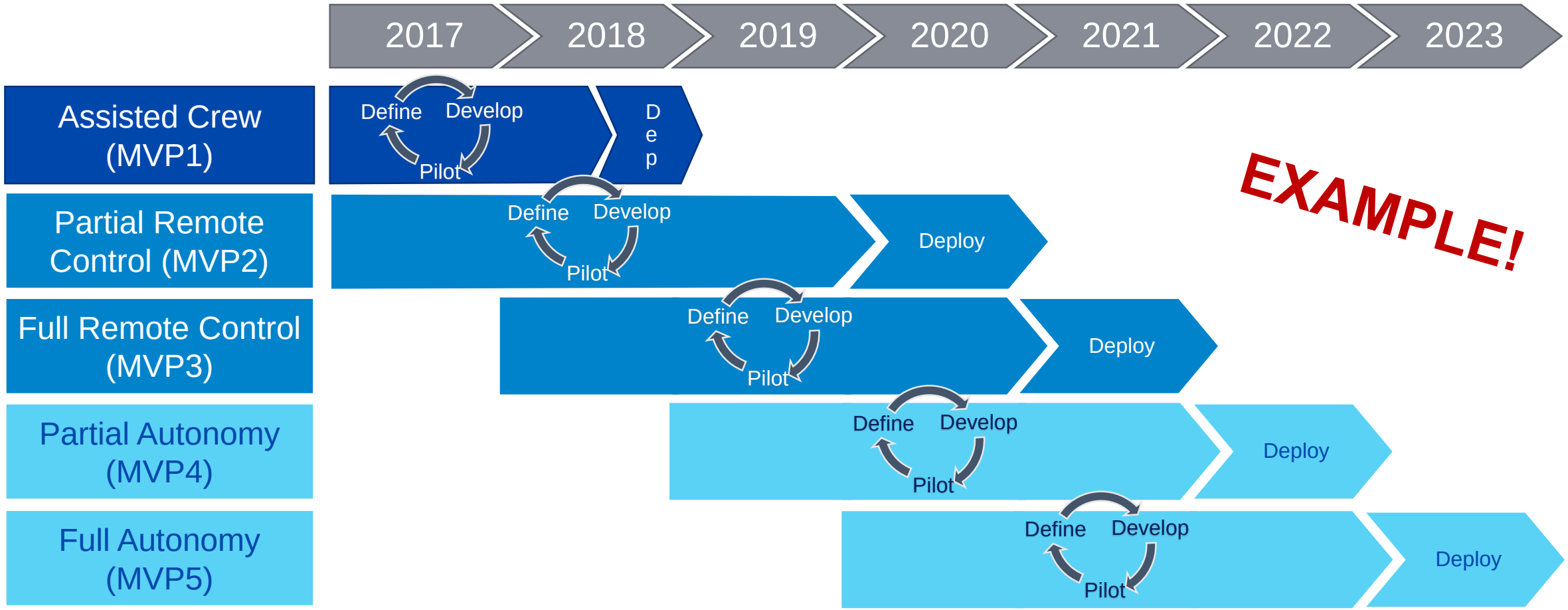
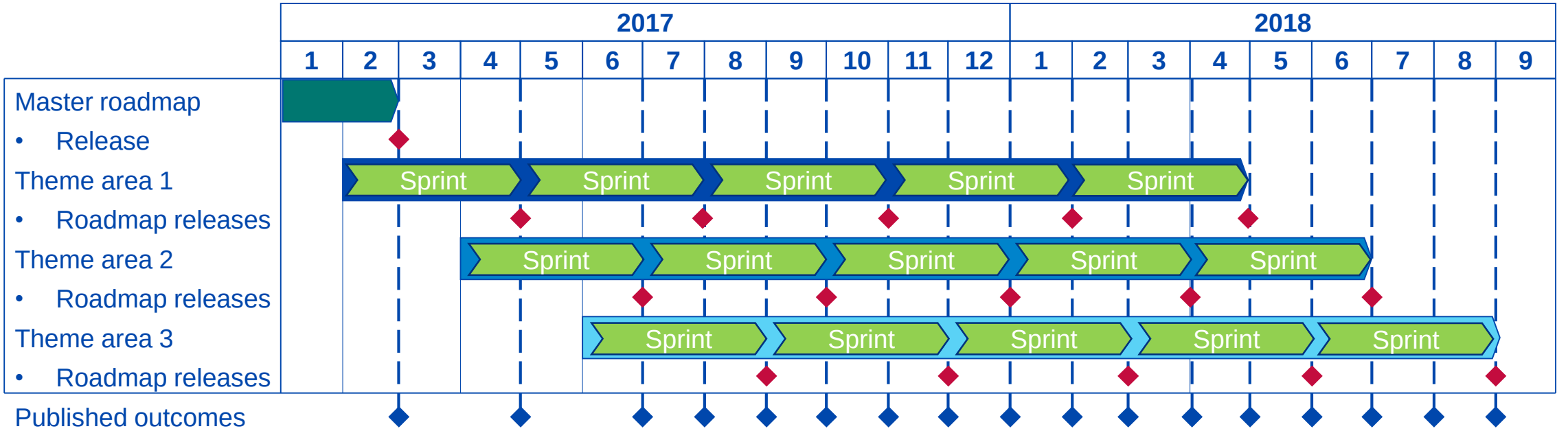
System maturation framework



Creating a stream of roadmap updates

EXAMPLE!



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How to get involved?

Ecosystem Program Activities are open to all relevant companies, start-ups and researchers all over the world.

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