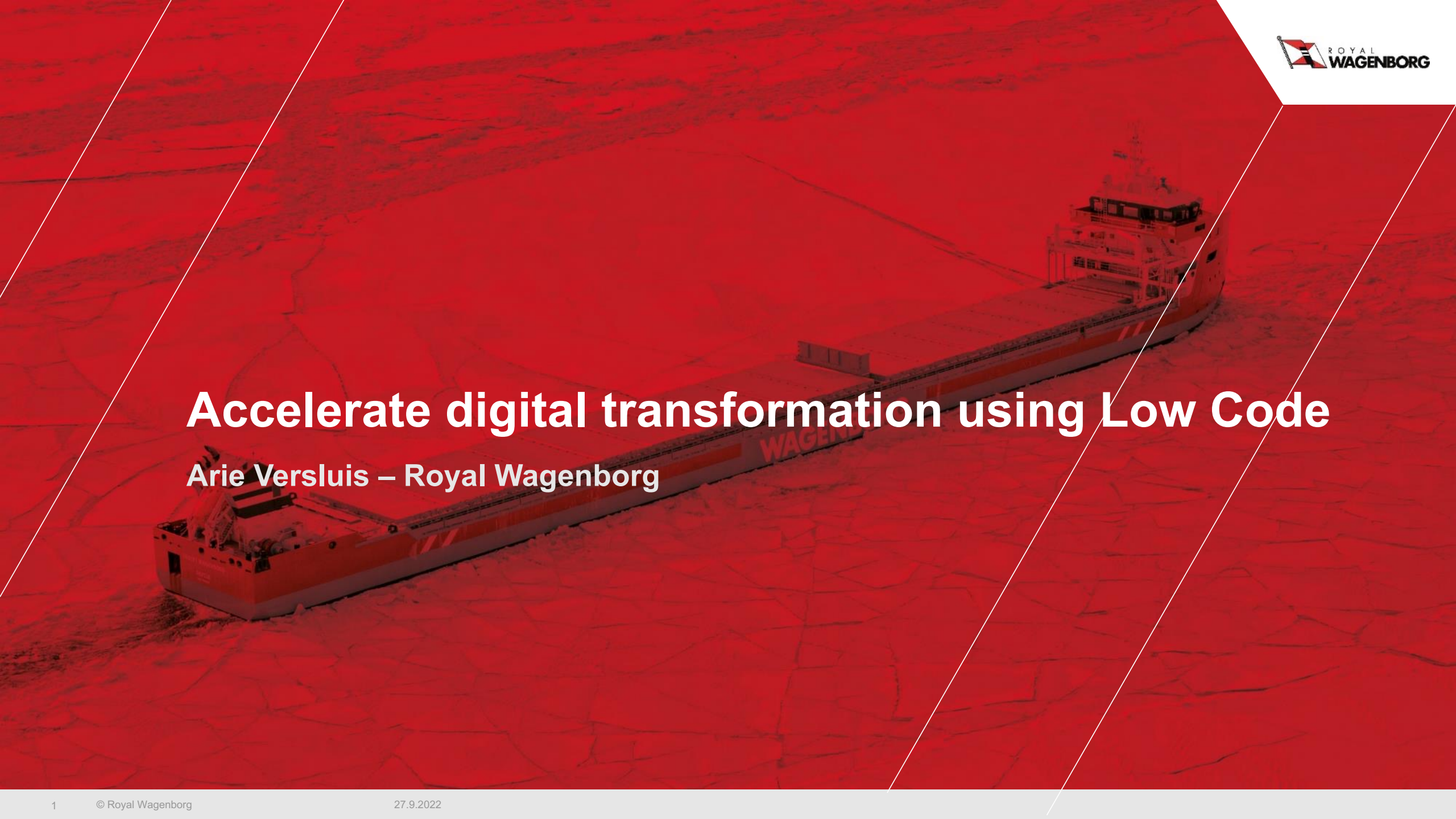

Accelerate digital transformation using Low Code

Arie Versluis – Royal Wagenborg

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What is Low Code?

→ Low Code is like Technic Lego

Low Code is a software development approach that requires **little to no coding** to build applications and processes.

Low Code platforms allow its users to use **visual diagrams** and features like **drag and drop**, **connectors**, and properties to build **workflows**, create **entities**, build **relationships**, define **events** and **actions**, and **processes**.

The tool in the background writes **software**, creates **user interfaces**, **business logic**, and backend **databases**.

The Forrester Wave™: Low-Code Development Platforms For Professional Developers, Q2 2021

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Why Low Code?

Commercial off-the-shelf	Low Code	Traditional Code
• Specific solution (generic)	• Custom solution (flexibility)	• Custom solution (flexibility)
• Best practice functionality	• Greenfield for functionality	• Greenfield technology & functionality
• Shorter implementation	• Rapid development (building blocks)	• Slower development (start from 0)
• Functional consultants	• Low Code developers	• Hardcore developers

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What do we do with Low Code?

→ Connect Business & IT / Ship & Shore / Chartering & Fleet Management & Crew Management / Suppliers & Customers!

Systems of Innovation
- B2B Portals
- Integrations

Systems of Differentiation
- Unique combination of processes
- Smart Shipping

Systems of Record
- Master data
- Transactions

BRIDGE

aws

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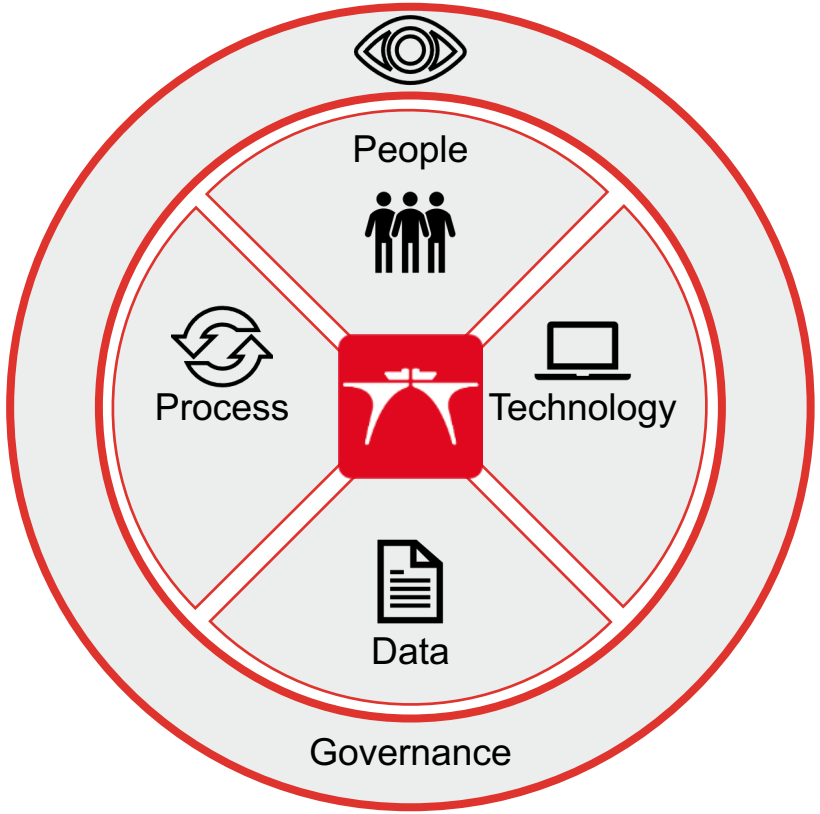
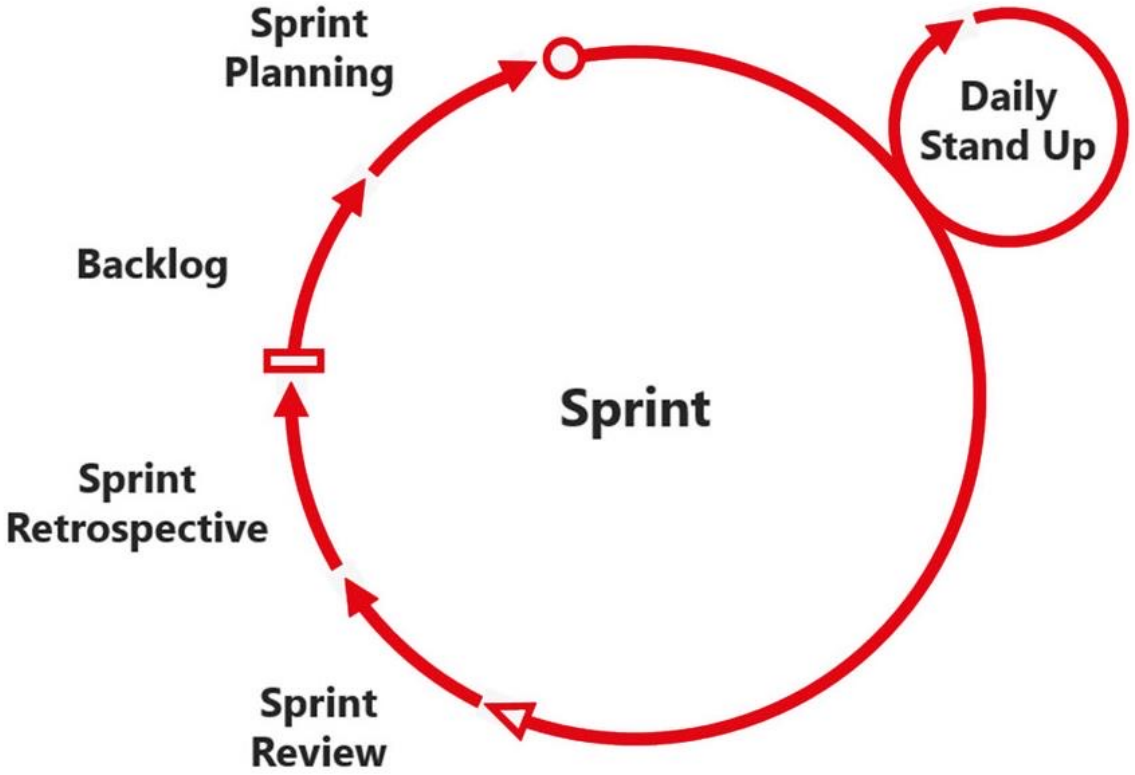
How do we do Low Code?

→ Digital Transformation



→ Agile Scrum methodology



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What is the added value of Low Code?

- **Visual development:** less technical development expertise required, immediate feedback in User Interface
- **Flexibility:** iterative approach (1.0>1.1>1.2), easily adapt to changes, develop functionality for Wagenborg-optimized processes
- **Focus on functionality:** no time and cost spent on obsolete functionality, technology is responsibility of vendor
- **Improved Business & IT collaboration:** shorter development cycles & feedback loops
- **Automation & Integration:** Support for CI/CD & automated testing, fully in control of integrations

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What are the challenges with Low Code?

- Low Code might be faster than Traditional code, but slower than Commercial off-the-Shelf
  →**Is it the best fit for your business challenge & do you have sufficient time?**

- No reference model / best practice → true greenfield implementation
  →**Do you have the people with analytic & soft skills (Business Analysts / Process owners) to determine & implement standard Processes & Data Model?**

- Proof of Concept is easy / Production-ready is hard (especially when replacing legacy)
  →**Do you have the grid to pull through & people with the ability to execute?**

- Citizen development & external consultants cause “Shadow IT” if not properly governed
  →**Who ‘owns’ the Low Code platform (Business or IT)?**

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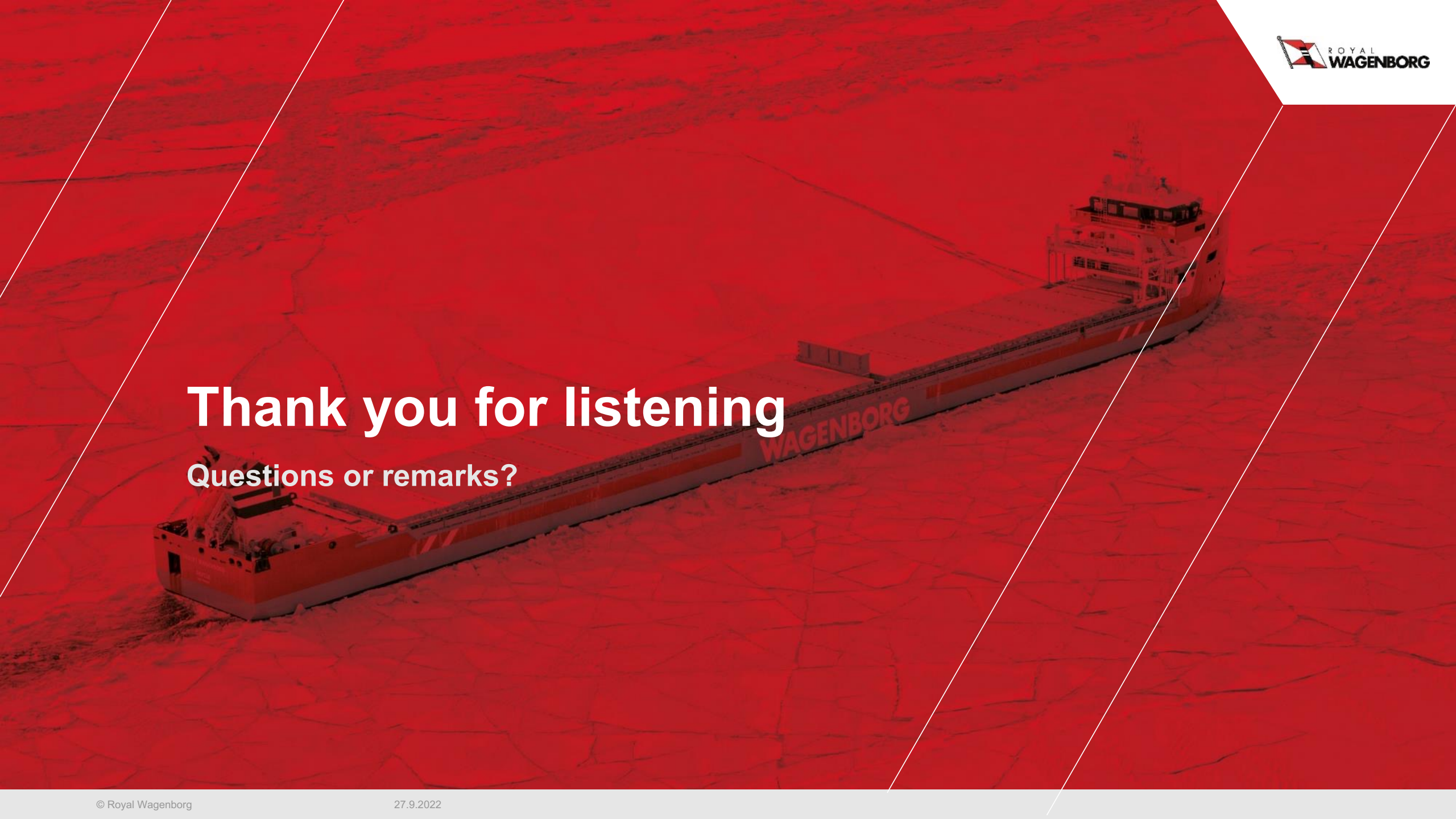

Thank you for listening

Questions or remarks?

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