Port of the future: innovation in action

Erwin Verstraelen – VP innovation

IMO – MASS event 11/4/2024



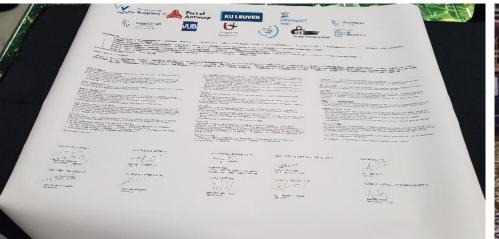






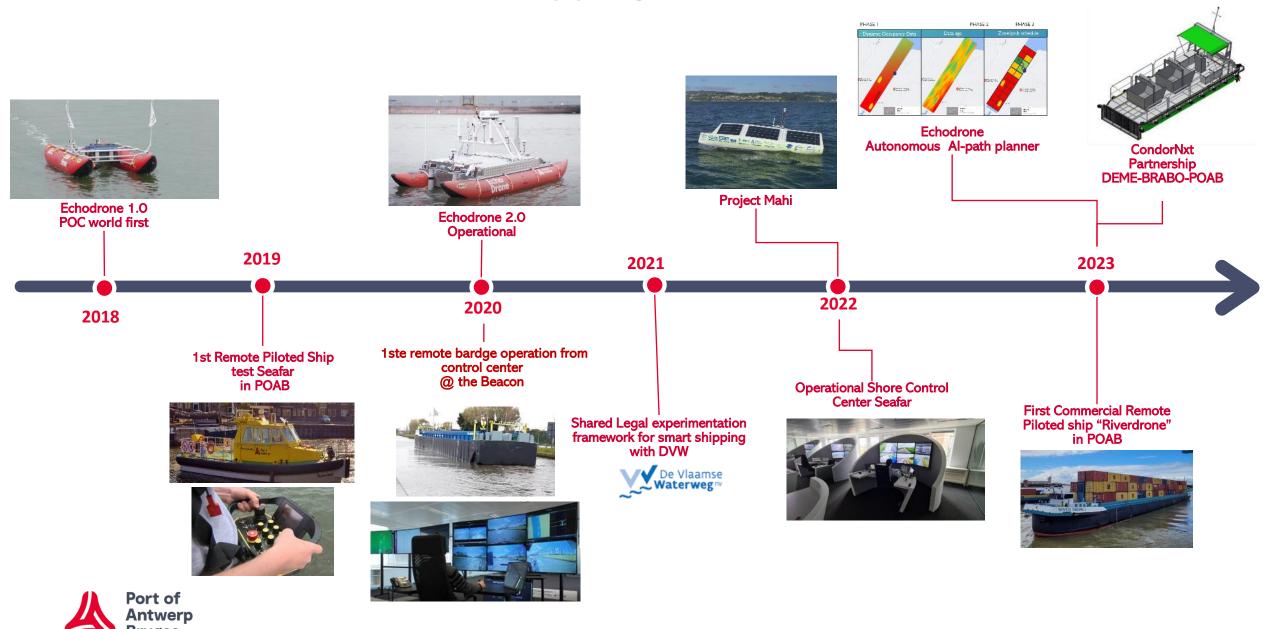






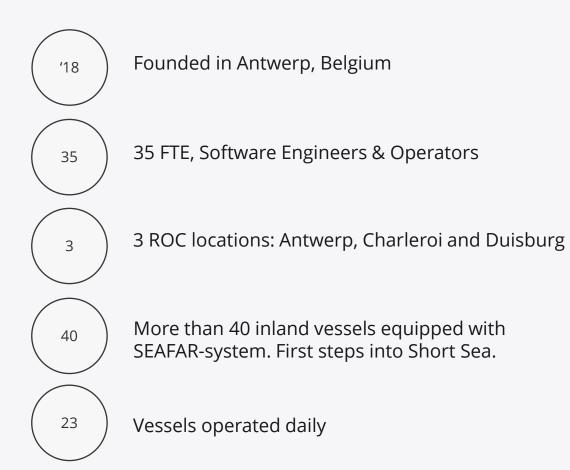


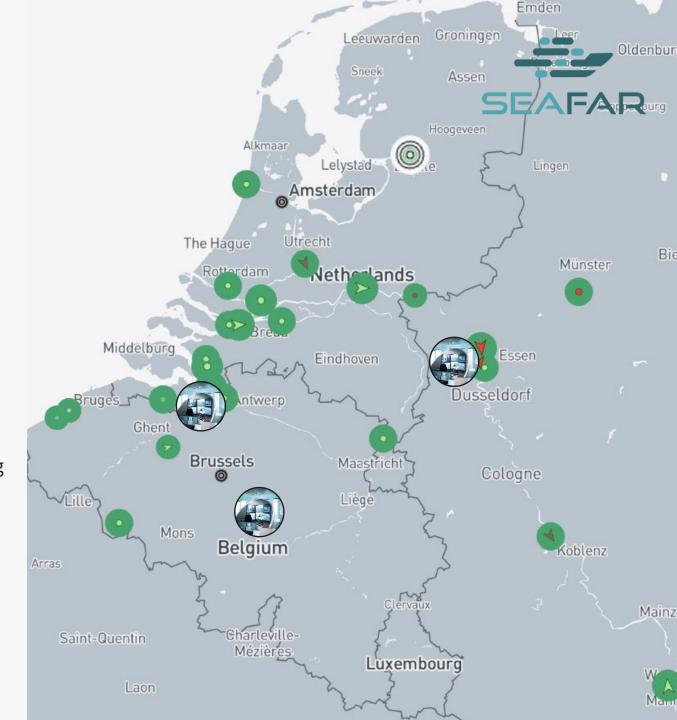
Innovation Platform Smart Shipping





SEAFAR's footprint Pioneer in remote shipping.



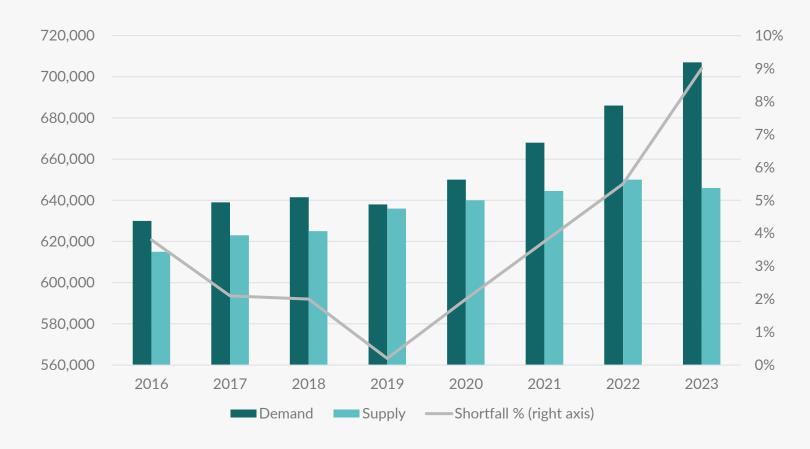




SEAFAR

Changing socio-economic environment requires action

"In 2023 officer availability has widened to a deficit equating to about 9% of the global pool"



Cooperations toward valuable business case Leveraging SEAFAR's inland experience

REGULATOR

- DG Shipping
- MoU
- IMO
- Non-binding MASS-Code 2025
- Binding MASS-Code 2028

SEAFAR

- Proven Technology
- Operational Experience
- Trusted Stakeholder Approach

MARKET

- Qualified Personnel
- Intense Operations
- Need for Innovation



First steps into Short Sea Stepwise and joint approach

- Phase 1: Fully crewed Bridge SEAFAR Monitors
 - Evaluate System & Network Reliability
 - Ensure Compatibility with Regulations
- Phase 2: Phase 2: Fully crewed bridge SEAFAR navigates
 - Validate Remote Capabilities
- Phase 3: Towards crew reductions & task redistribution SEAFAR navigates from ROC.
 - In cooperation with all stakeholders
 - Input based on operational experience

