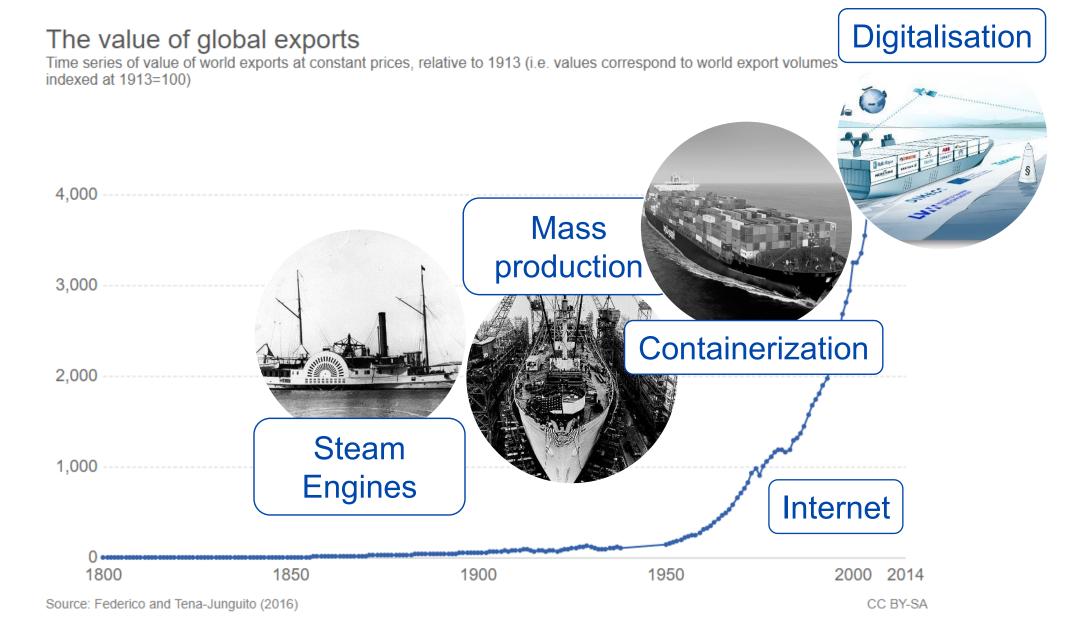




## Maritime transport is the catalyst for economic development and prosperity

#### DIMECC One Sea

#### **Industry revolutions from steam to digital**







### **One Sea Partners**

**ABB** Cargotec **Ericsson** Finnpilot Pilotage Rolls-Royce **Tieto** Wärtsilä



























Digitalization will transform marine industry in near future and give a powerful push towards new innovations. The early adopters will get clear benefits simply by being the first ones on the market.

R Rolls-Royce



## SAFE

## **EFFICIENT**







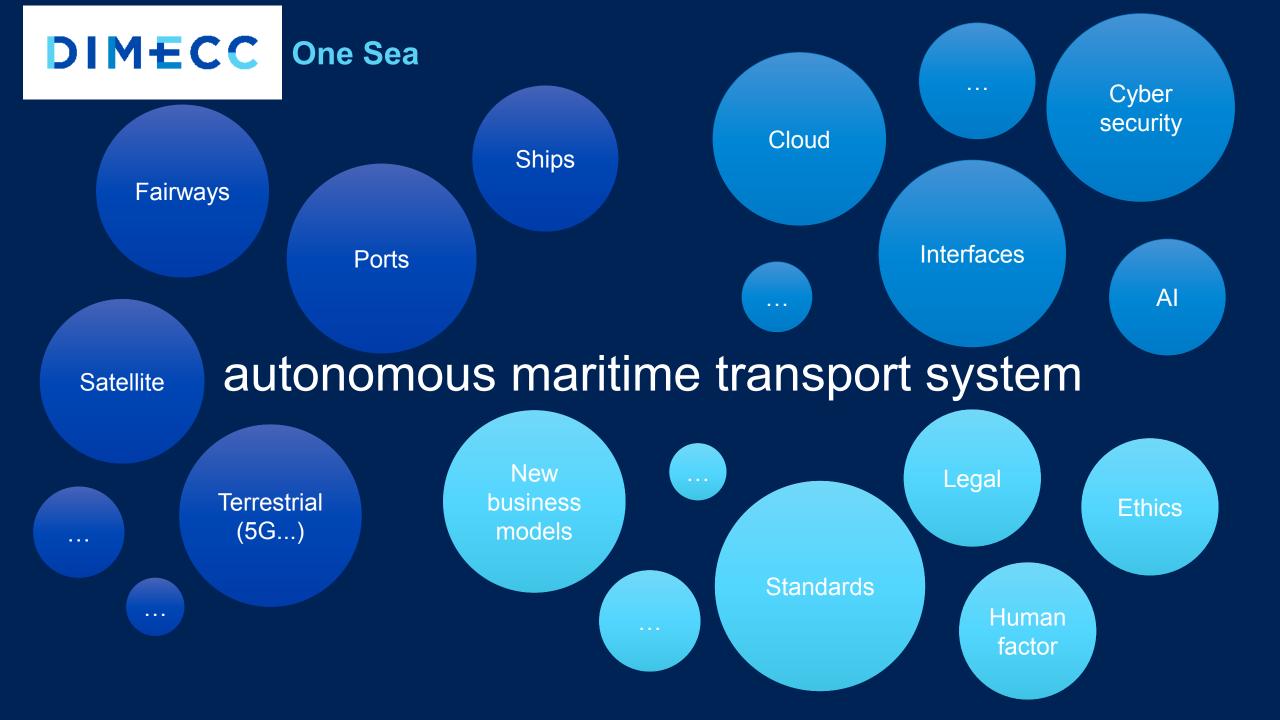
RELIABLE

SUSTAINABLE

# The objective of **One Sea** is to create the world's first autonomous maritime transport system by 2025



autonomous maritime transport system





## **Ecosystem activities**

Ecosystem Core Activities	Vision & Strategy	Roadmaps		
	Product & service creation			
Ecosystem Program Activities  Open to all parties	Startup ecosystem			
	Pilots, PoC's			
	R&D Programs			
	Rules & regulations			
	Test areas, Labs			

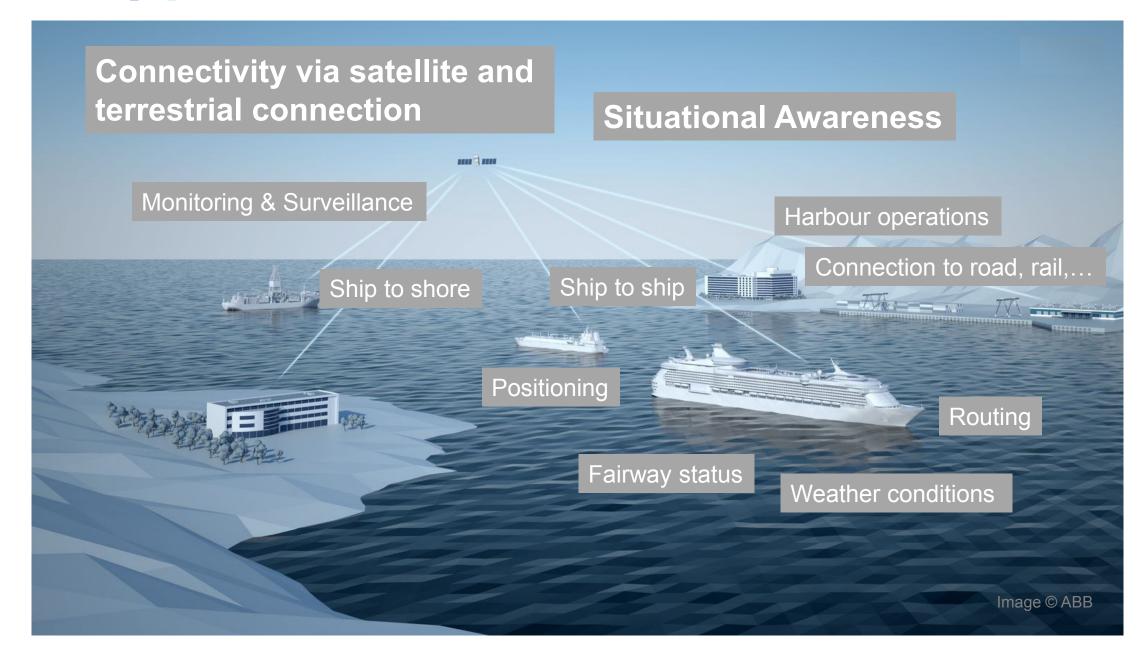


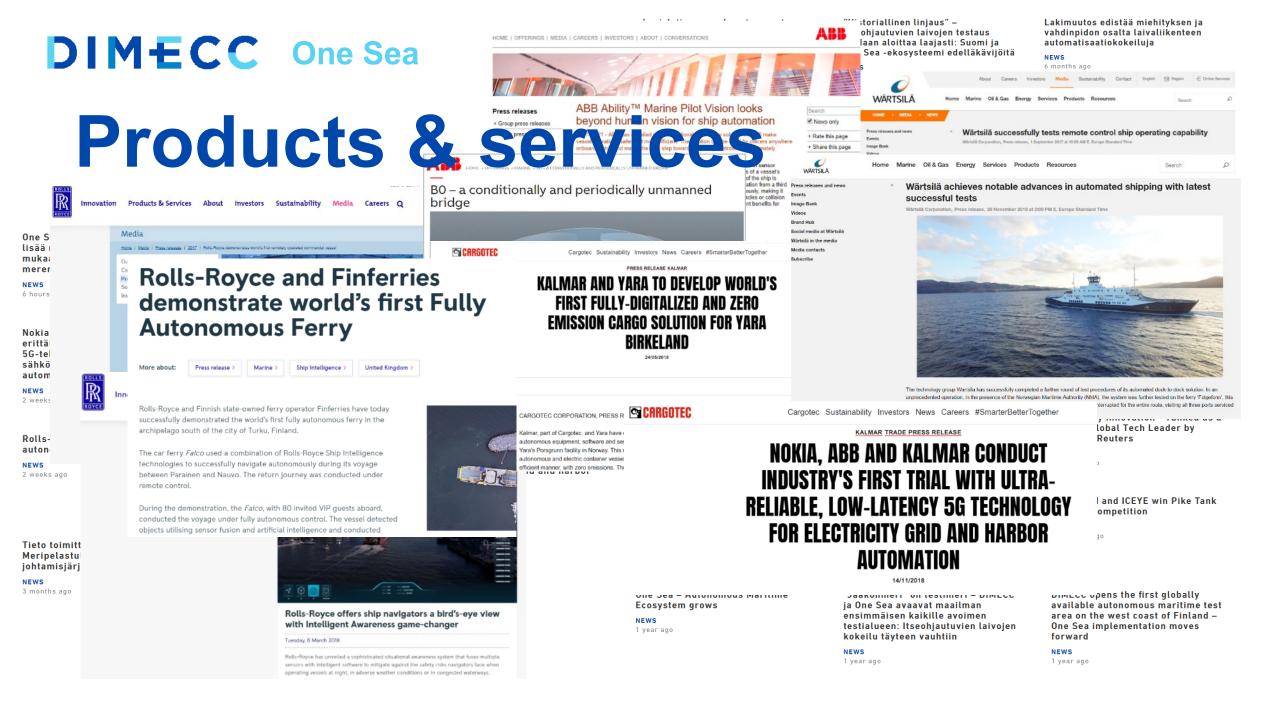
### Timeline for autonomous ships

2017		2020		2023	2025	
Remote monitoring		mote controlled nned with speci	l vessel (manned) al approval	Gradual increase of autonomous control	Autonomous ship traffic commercial	
Test areas	National pilots Several pilots globally		Full scale testing / validation			
				Domestic authority approval / certificate	Class/IMO reg. in place	
International collaboration	and the second of the second o	Design requirements for autonomous power and propulsion systems		Satellite becomes cheaper	Strongly decreased data communication	
	Autonon commer	nous automobile cial	Developed data transfer tech eg. 5G (limited to ferries/ports)	Mobility as a service "Industry standards in place"	Infrastructure	
Ethical issues						
Development of cybe	er security					

National, IMO and global legislation development

#### DIMECC One Sea





#### DIMECC One Sea

**Ecosystem** collaboration





**DIMECC's co-creation ecosystem** One Sea seeks global partners to join the leading co-creation ecosystem.

## Join us!

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