

WÄRTSILÄ

INNOVATION OG PARTNERSKABER MED AFSÆT I FN'S VERDENSMÅL

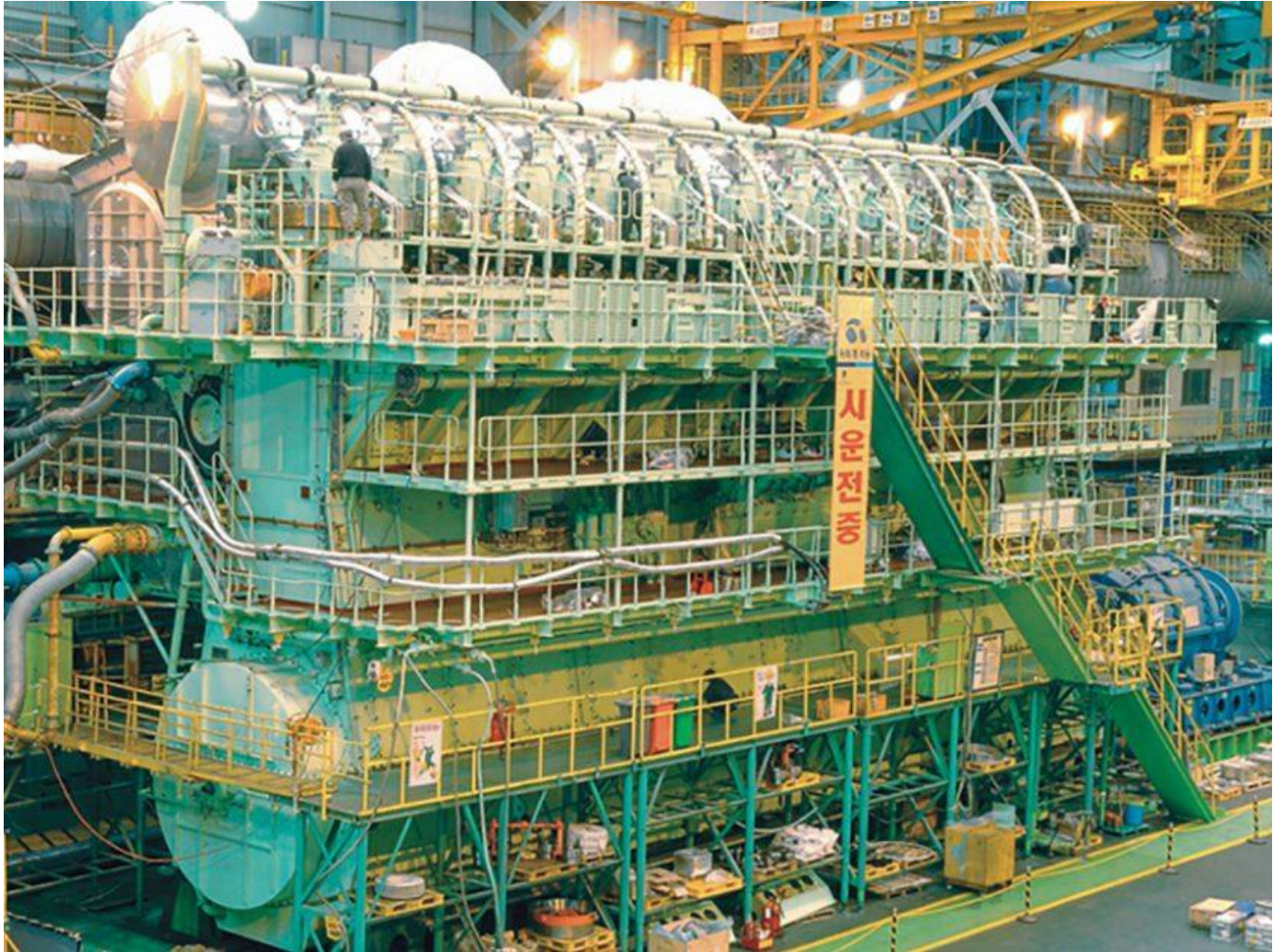
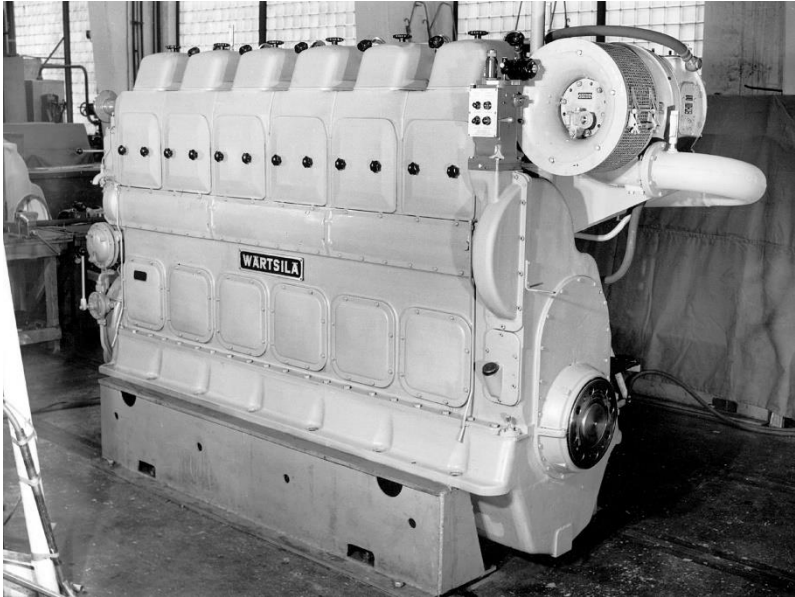
DI Innovationkonference - 21112019

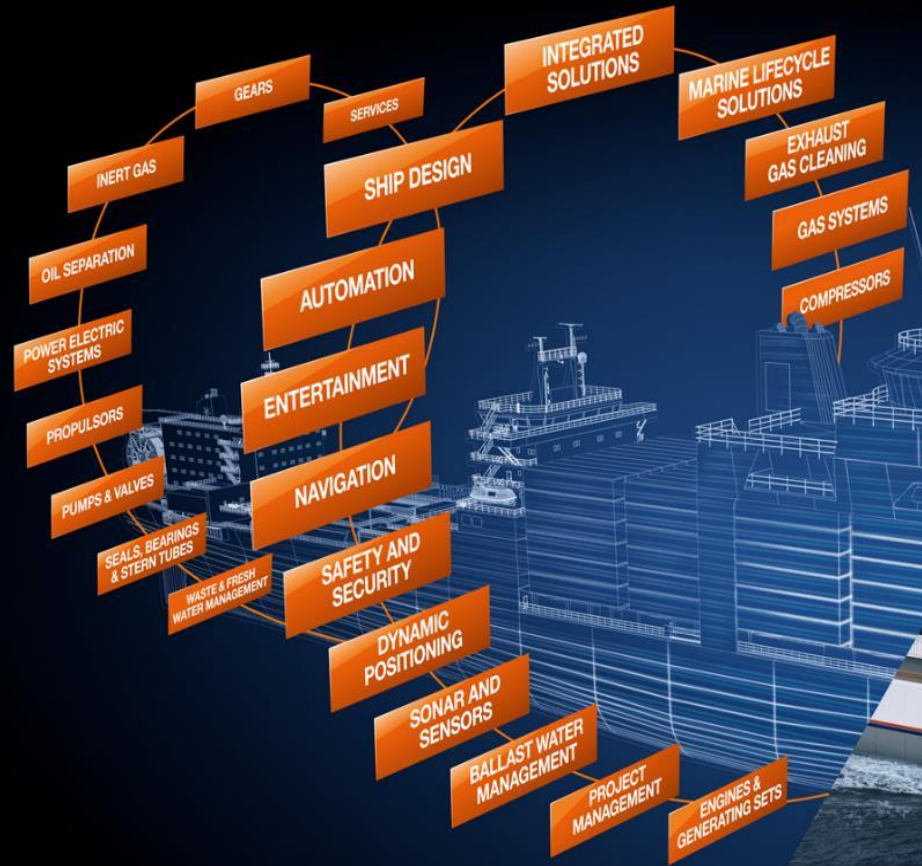
Morten Brandborg

HVEM ER WÄRTSILÄ?

EN AF DE STØRSTE

EN AF DE FØRSTE





We have the widest product portfolio in the marine industry

FOUNDED IN 1834

GLOBAL LEADER

in sustainable solutions for the marine and energy markets

2018

Turnover

5 174 MEUR

Operating result

543 MEUR

Order intake

6 307 MEUR

Operations in

200 LOCATIONS

Our personnel

APPROX. 19 000

Nationalities

138

INSPIRATIONEN

DEVELOPMENT TIMELINE





HVORDAN HAR WÄRTSILÄ INTEGRERET FN'S VERDENSMÅL I SIT FORMÅL, SIN VISION OG SIN ORGANISATION?

ENABLING SUSTAINABLE SOCIETIES WITH SMART TECHNOLOGY

**INNOVATING
SINCE 1834**

TOGETHER

**FOR A SUSTAINABLE
FUTURE**

DEVELOPMENT TIMELINE



2015

2016

2017

2018

2019

2020

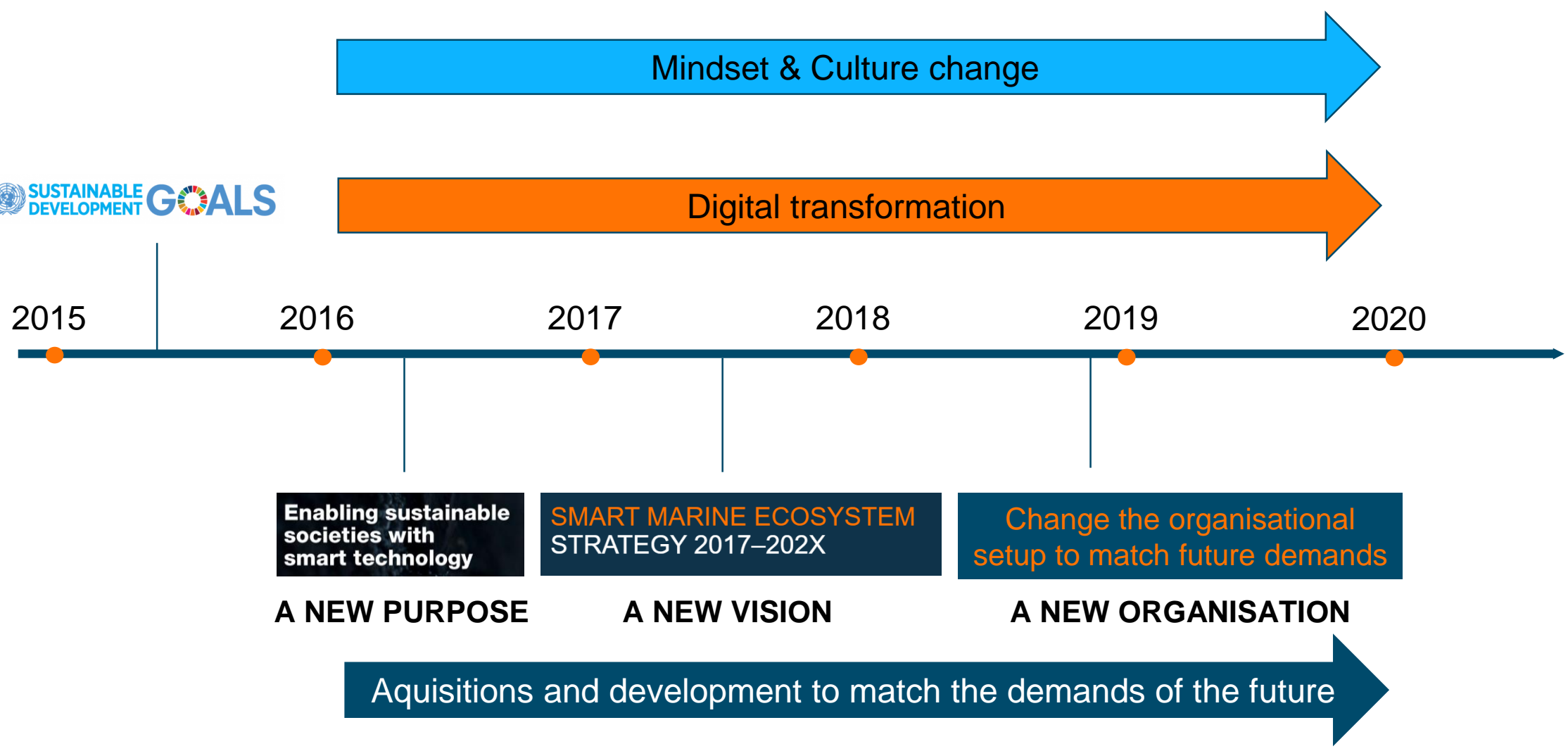
Enabling sustainable societies with smart technology

A NEW PURPOSE

SMART MARINE ECOSYSTEM



DEVELOPMENT TIMELINE



2015

2016

2017

2018

2019

2020

Mindset & Culture change

Digital transformation

Enabling sustainable societies with smart technology

SMART MARINE ECOSYSTEM STRATEGY 2017-202X

Change the organisational setup to match future demands

A NEW PURPOSE

A NEW VISION

A NEW ORGANISATION

Aquisitions and development to match the demands of the future

HVAD GØR VI FOR AT FORFØLGE VORES FORMÅL OG VIRKELIGGØRE VORES STRATEGI

- EKSEMPLAR

**Initiativer der skaber rammerne for at lykkes med FN's Verdensmål såvel som vores "Formål".
Samt en stærk tro på at verdensmål nummer 17 "Partnerskaber for handling" er vejen til målet:**

- The "Smart Technology Hub"
- Start-up Culture
- Sea20
- Future Innovation Day - Horizon
- ZEEDS Project – Zero Emission Energy Distribution at Sea



Coming soon: The Smart Technology Hub

In an increasingly complex world, the hope of brainstorming the next big innovation in a garage is slimmer than ever. The name of the game these days is collaboration and open innovation. Wärtsilä's new Smart Technology Hub promises to be just that. Here's a look at what forms the core of its structure.



INTERNAL



Singapore



Copenhagen & Hamburg



Haifa



Vaasa



Helsinki



Hamburg



Oslo



Boston



SEA20 CITIES	
Helsinki	Trieste
Hamburg	Luleå
Rotterdam	Vaasa
State of Washington	Genoa

OSLO

3 JUNE 2019

NEW PERSPECTIVES ON CLEAN SHIPPING

Bringing green energy to the ships of tomorrow

The shipping industry is changing rapidly and we are witnessing major alterations affecting environment, climate, demography, industry and governance. IMO, International Maritime Organization, are challenging the industry to strive for a carbon neutral shipping as soon as the development of new fuels and propulsion systems will allow it. This huge challenge requires an industry, that is up to meet both the environmental and consumer driven needs for change, with disruptive innovation. Requirements for a totally new clean bunkering infrastructure will be an essential part of this picture.



1. Can smart marine solutions help preserve living standards in port cities?



2. Does affordable clean energy lie offshore?



3. How to maximise energy-efficiency of future vessels?



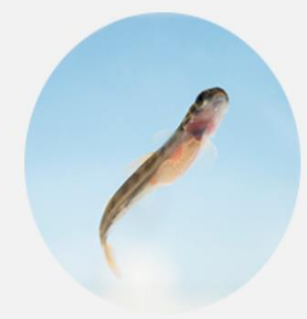
4. How to accelerate the uptake of renewable fuels?



5. How to remain profitable in green shipping ?



6. How consumer behaviour influences shipping?



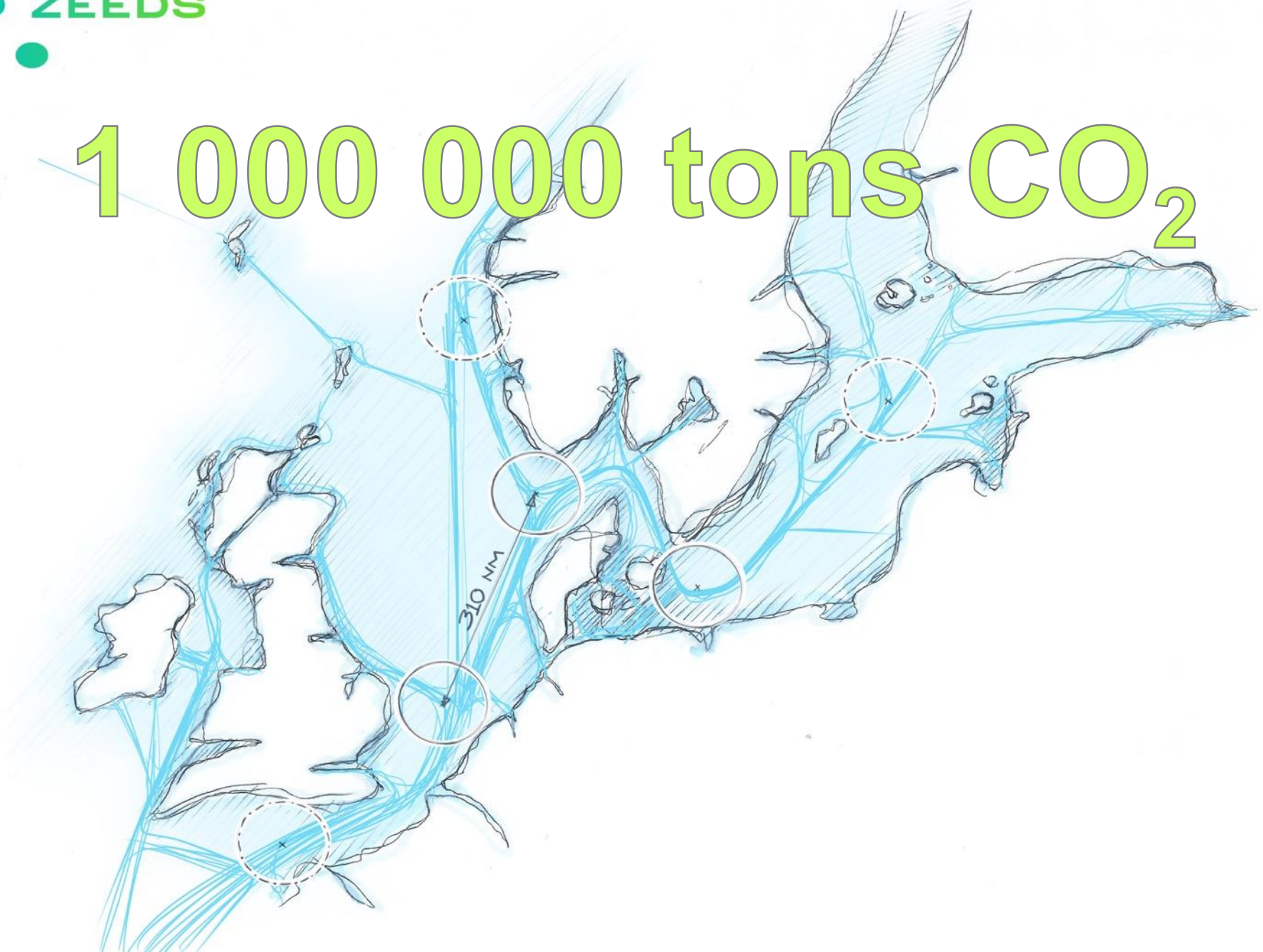
7. How to grow and harvest sustainable seafood ?

300 invited VIP's from Cities, Ports, Governments and the Maritime industry in the Nordic countries to discuss and brainstorm, on these 7 topics.

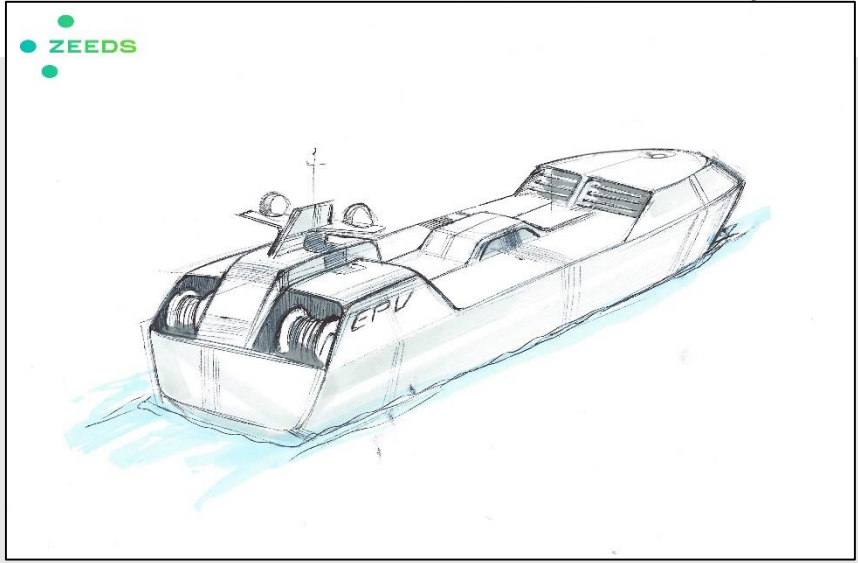
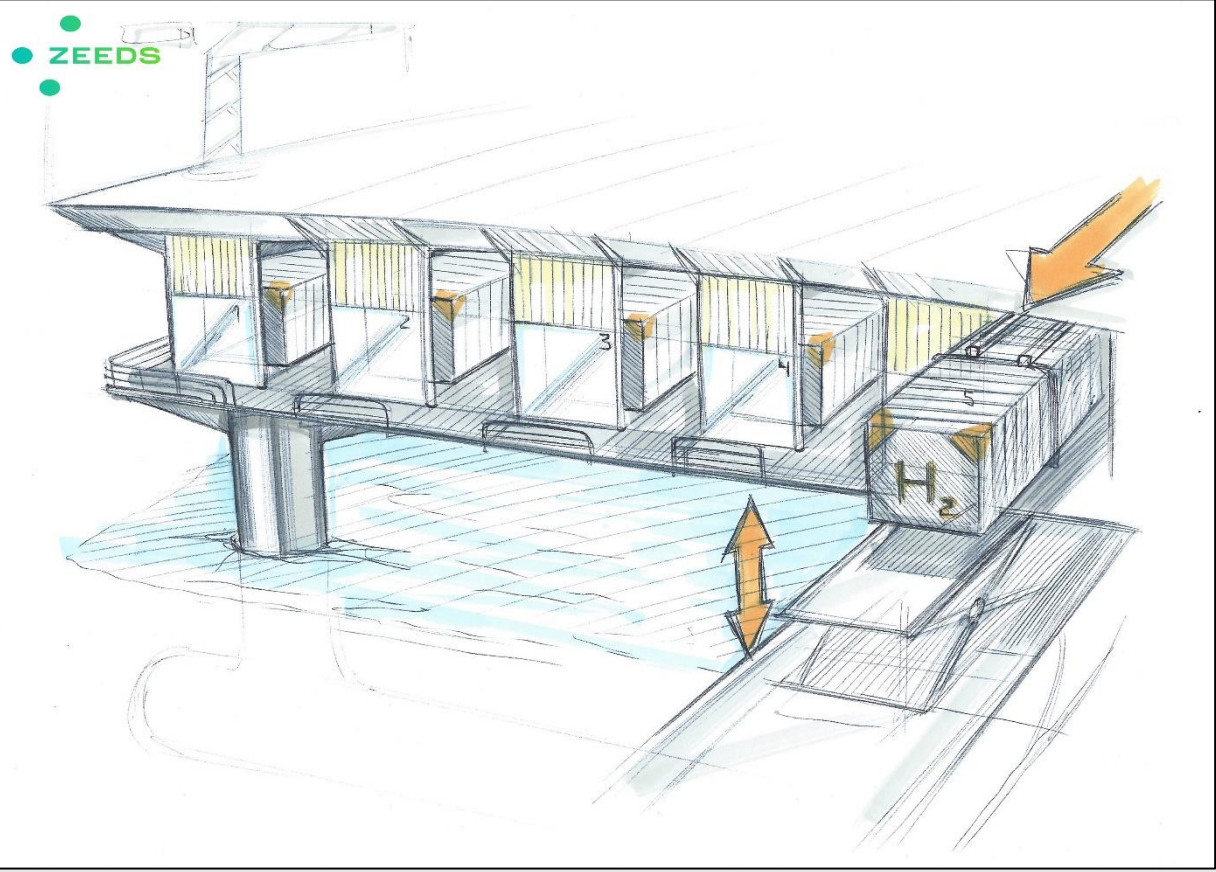
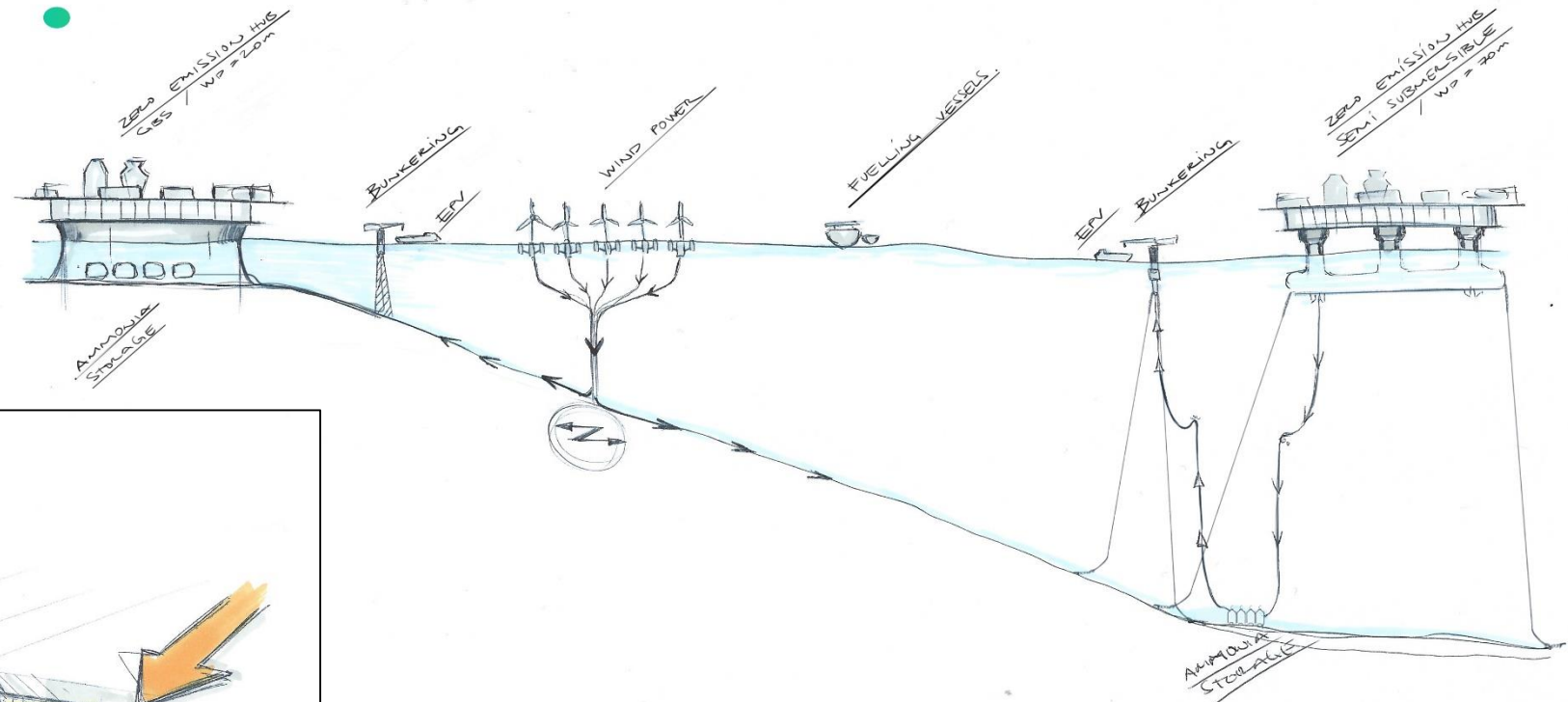


- Task: “How to close the gap towards zero emission shipping”
- A collaboration project - Started November 2018
- Publish their results of the joint learnings

1 000 000 tons CO₂



ZEEDS



DET HANDLER OM AT VÆRE **VISIONÆR**
OG OM AT **TURDE TAGE MODIGE BESLUTNINGER**



WÄRTSILÄ