Green Shipping Programme  
- a public-private partnership programme

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Green Shipping Program

- A paradigm shift in maritime
  - Emissions will be regulated and get a cost
  - Green demands from the market, investors, employees and the public
  - Climate change and new requirements - a significant business opportunity

- Establish the world’s most efficient and environmentally friendly shipping

- Profitable emission reductions
- Sustainable logistics solutions
- Green jobs
- Increased competitive advantage
- Front runner in green shipping
In a nutshell

**Green Shipping Programme**

- **Studies**
  - Reduction potentials
  - Economic analyses
  - Barriers

- **Pilots**
  - Demonstration projects

- **Scaling**
  - Green Fleet Renewal
    - Ship owner track
    - Cargo owner track

**Dialogue & Collaboration**
From fjords to oceans - green technologies must take steps to make the voyage

Source: DNV GL 2019. Maritime forecast to 2050
The Norwegian maritime battery story

Would not be possible without leadership from the state and green public procurement
First movers are two cargo-owners - hydrogen

World’s First Zero-Emission Wind and Hydrogen Power Cargo Ship

Egil Ulvan Rederi has been hired by HeidelbergCement Norway and Felleskjøpet AGRI to build and operate the world’s first zero emission cargo ship.
Ripple effects in the maritime industry - Greenbulk

11 hydrogen-suppliers

31 ship-owners

50 designers and equipment suppliers
GreenBulk – status per September

- Ship owner selected
- Hydrogen supplier selected
- Design work started
IMO GreenVoyage 2050

Purpose
To support developing countries in meeting their commitment towards a lower carbon future for shipping

Scope
- Assist IMO in identifying and facilitating pilots

Status
- 7 countries want to engage in pilot projects
- KO with India this week

IMO point of contact
- Astrid Dispert, ADispert@imo.org
Summary of GSP learnings

- Coastal shipping can pave the way
- Collaborate and engage
- Make the green markets to work
  - Green procurements in public sector
  - Smart regulations in private sector
  - Increased CO₂ price
- Identify and resolve barriers
- Piloting, piloting, piloting…….scaling
- Positioning in relation to future IMO requirements
Thank you for the attention!
Questions?

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