GARDERMOEN, 8. JANUAR 2018

BELLONAKONFERANSEN

LØSNINGER PÅ KLIMAUTSLIPP FRA TRANSPORT AV LAKS

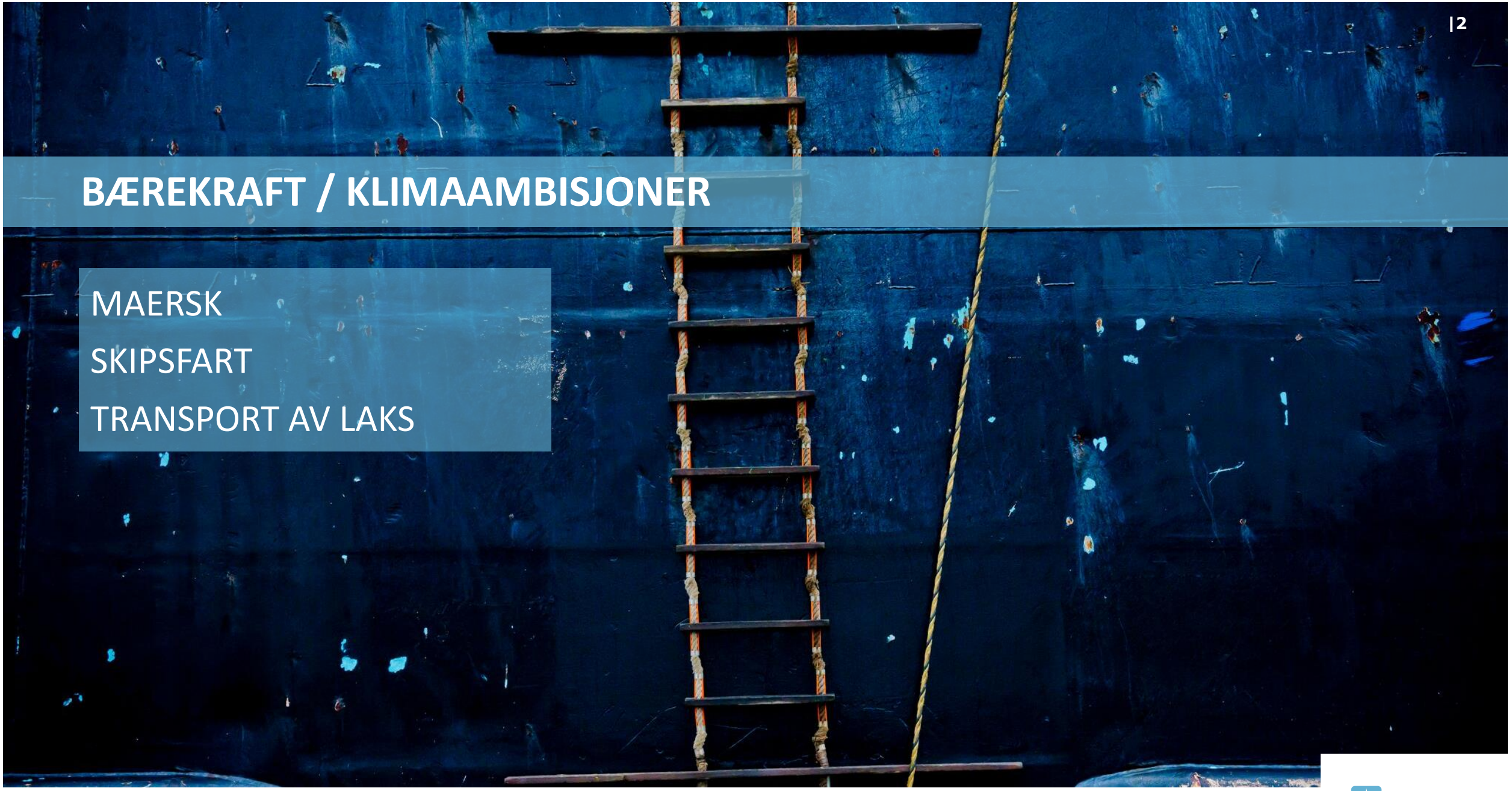
MAERSK

BÆREKRAFT / KLIMAAMBISJONER

MAERSK

SKIPSFART

TRANSPORT AV LAKS

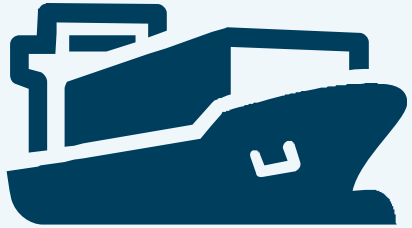


MAERSK

BÆREKRAFT MAERSK

As of 2017, Maersk has reduced the CO_2 emissions per container transported by **43%**

Maersk has set a 2020 target of reducing CO_2 emissions per container moved by **60%** (baseline 2007)



Innovation: A modern fleet, radical vessel upgrades, leading network efficiency and cutting-edge fleet performance management are key

BÆREKRAFT MAERSK

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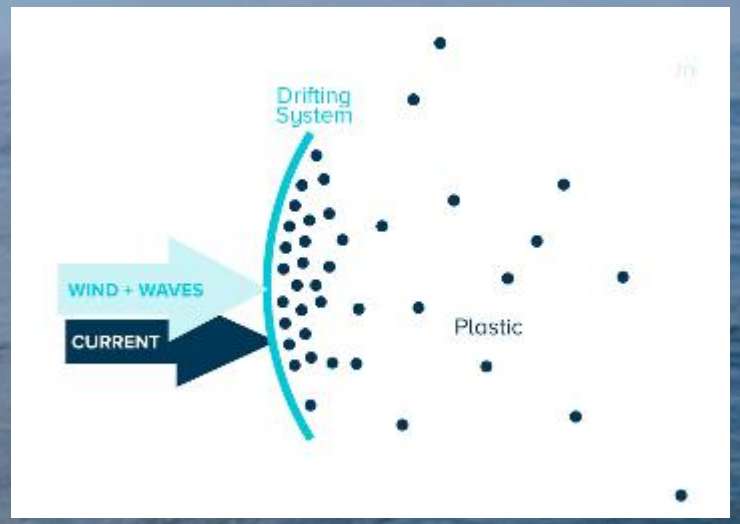
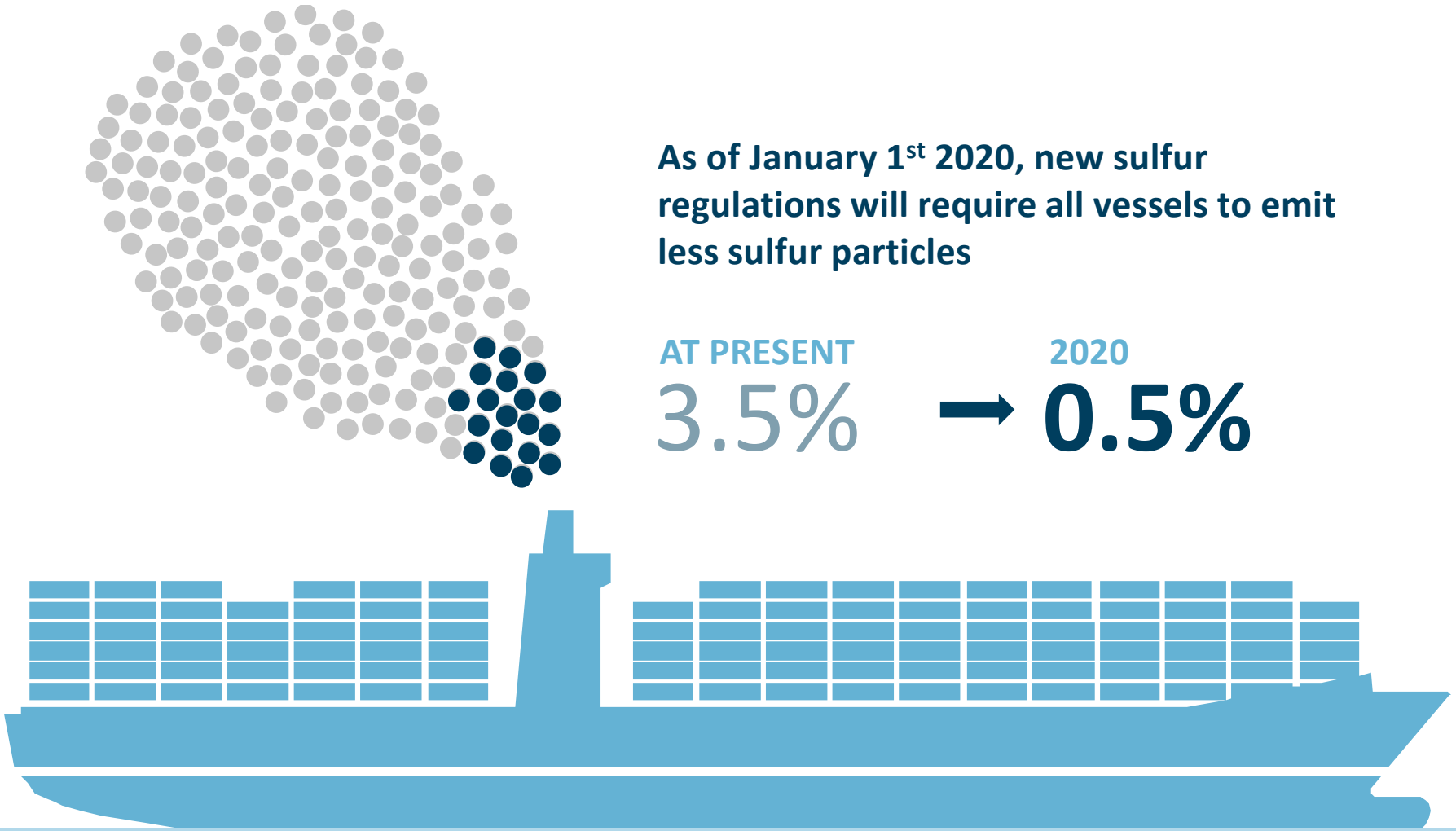


MAERSK

BÆREKRAFT SKIPSFART



As of January 1st 2020, new sulfur regulations will require all vessels to emit less sulfur particles

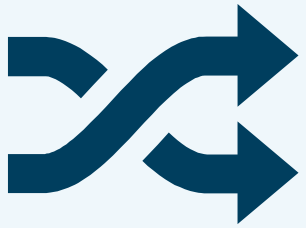
AT PRESENT 3.5% → **2020** **0.5%**

BÆREKRAFT SKIPSFART

THERE ARE THREE WAYS IN WHICH SHIPS CAN COMPLY WITH THE NEW RULES

1 Use fuel with 0.50% sulfur

2 Install scrubbers (exhaust gas cleaning systems) onboard



3 Use LNG

IMO (International Maritime Organization)

Shipping industry agrees to halve CO2 by 2050

MAERSK

SINTEF

Objective of the ULT project:

To explore/demonstrate the feasibility of ULT logistics for fish species of Norwegian interest in the Japanese and eventually other demanding markets

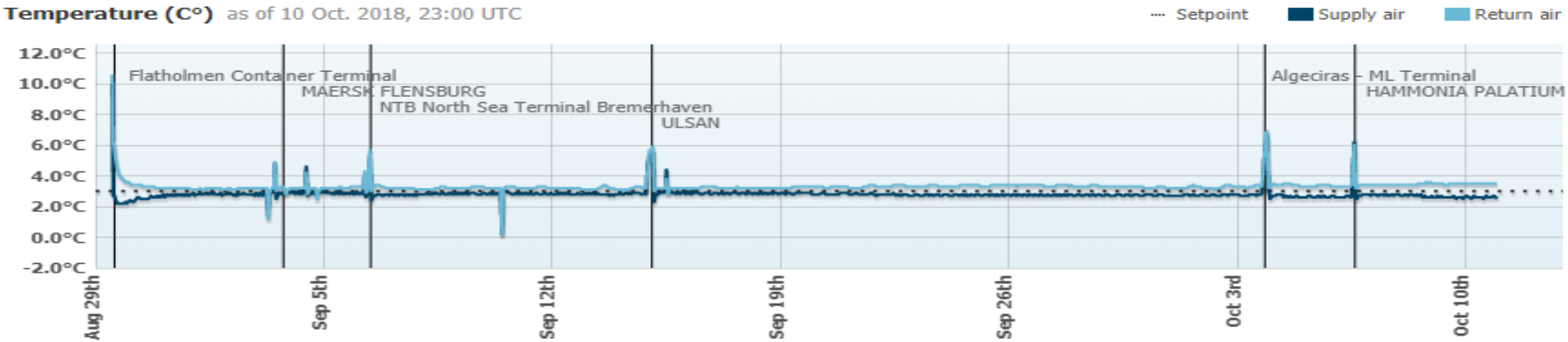
BÆREKRAFTIG TRANSPORT AV LAKS

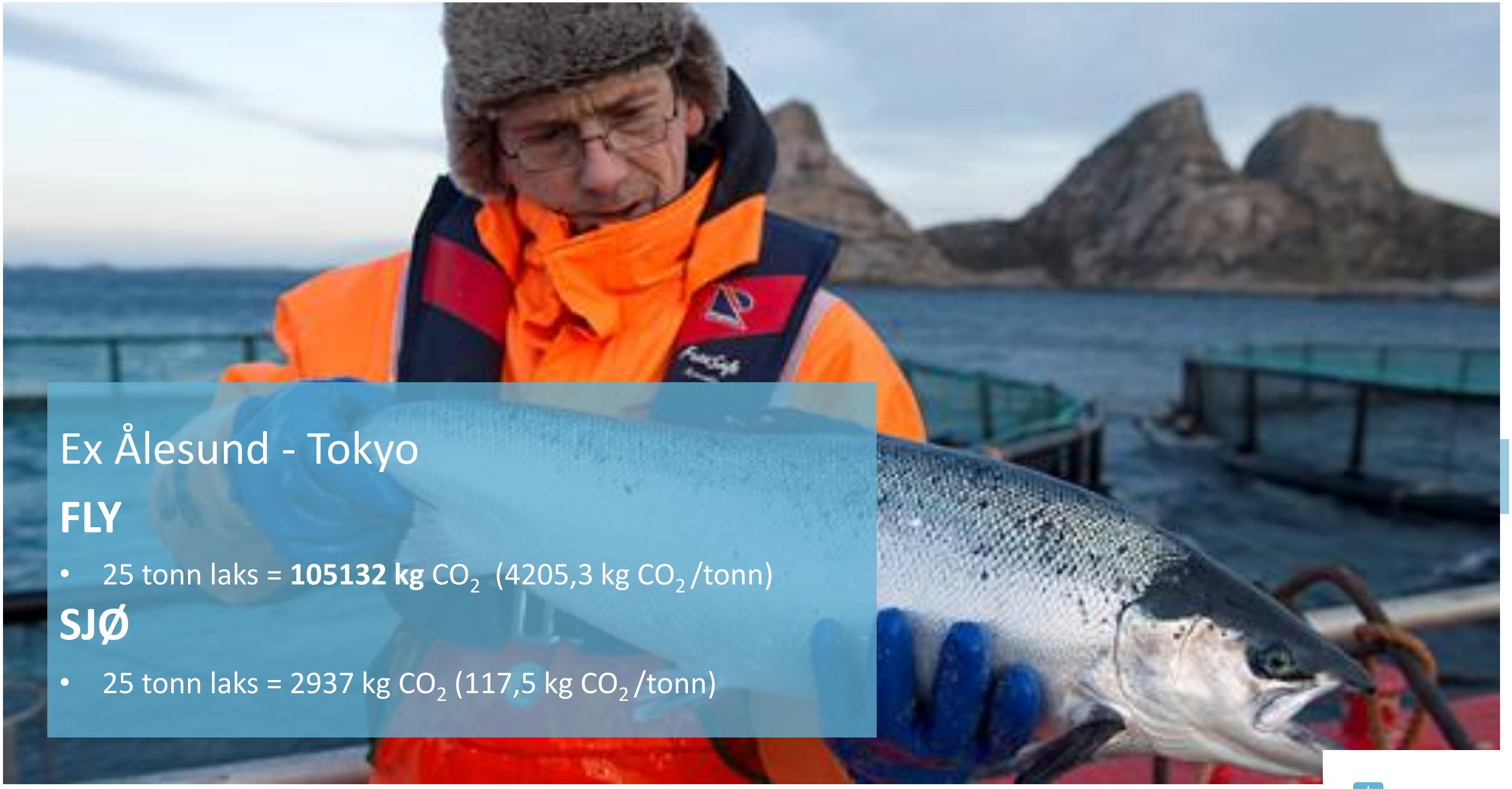
SUPER FREEZE container (Østen)
Sjokkfryser fisken til - 60°C
Tester – Sintef 2006
Blindtest = bedre enn 'fersk' laks (fly)

SUPER CHILLED container (USA/EU)
Kjøler fisken til - 1°C (30 dager)
Tester – Sintef 2008

MAERSK

REMOTE CONTAINER MANAGEMENT (RCM)





Ex Ålesund - Tokyo

FLY

- 25 tonn laks = **105132 kg** CO_2 (4205,3 kg CO_2 /tonn)

SJØ

- 25 tonn laks = 2937 kg CO_2 (117,5 kg CO_2 /tonn)

MAERSK

BÆREKRAFTIG TRANSPORT AV LAKS

ÅLESUND

97%

CO_2REDUCTION

TOKYO

MAERSK

HVA NÅ?

MAERSK