

# 6 Cargo

## Seafood set to hit new records



1

**WORLD'S LARGEST SEAFOOD TERMINAL OPENS AT OSL IN 2020.** The 17,000 square meter, fully automatic terminal is expected to be operational by 2020 and handle approximately 250,000 metric tons of seafood annually. Currently, about 600 metric tons of airfreighted seafood leaves Norway every day. Norwegian salmon exports, already the largest air cargo commodity in Europe, are expected to grow by 500% during the next 20 years.



6

**SALMAR'S OCEAN FARM 1.** The world's first off-shore fish farm shows Norway's drive to re-invent fish farming. As higher price levels of salmon hinder further growth, the industry is now innovating at a massive scale, to ensure higher production volumes. New technologies include closed-off floating farms, gigantic ship-like constructions and large land-based farms. The seafood industry's hunger for outbound air cargo capacity will no doubt grow larger in the years to come. PHOTO: SALMAR



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**YET ANOTHER STELLAR YEAR FOR SEAFOOD EXPORTS.** In 2017, Norway exported 2.6 million tons of seafood, equal to the astounding number of 36 million meals every day of the year. 72% of the volume originated from fish farms, and the rest from fisheries. The total value was EUR 27.8 billion. Exports to North America had the largest growth, with a 23% increase in value. Asia's growth represented a value of EUR 1.35 billion and 59,000 tons. This pushed the total tonnage to 539,000, and the total value to EUR 19.4 billion. PHOTO: NORWEGIAN SEAFOOD COUNCIL / TOM HAGA

## CARGO LOCATIONS

**1 World's largest seafood terminal**

The fully automatic terminal is expected to open at Avinor Oslo airport in 2020.

**2 Norway's first land-based fish farm**

Nordic Aquafarm is building Norway's first land-based fish farm in Fredrikstad.

**3 The world's largest aquaculture feed producer**

Stavanger company Skretting has global reach from its headquarter in Rogaland.

**4 The world's largest marine farming enterprise**

Bergen is home to both world-leading Marine Harvest and diversified Lerøy Seafood Group

**5 Shipbuilding cluster with worldwide reach**

Alesund/Molde-based Ulstein, Kleven and Vard's innovative ship designs include fishing and aquaculture vessels.

**6 World's first offshore fish farm**

Kristiansund based Salmar, one of the world's largest salmon-producers, has built the world's first offshore fish farm installation.

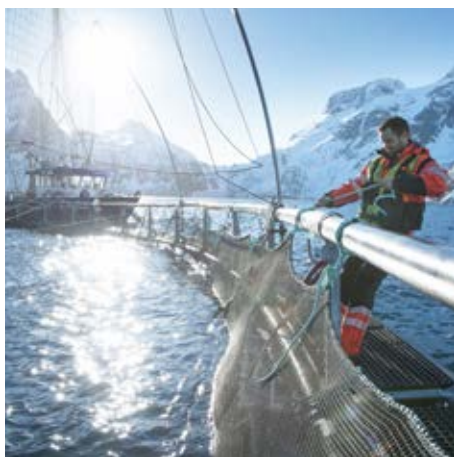
**7 "Ocean Farm" the world's longest ship**

Harstad based NSK ship design has a 360 meter/1181-feet long vessel on the drawing board that will be able to hold approximately 2 million salmon.

**8 King Crab hotspot**

The Varanger fjord and Vadsø is Norway's "King Crab centre". No less than 52% of the exports go to South Korea.





#### FAR-OFF MARKETS SHOW THE STRONGEST

**GROWTH.** In 2017, Norway exported 2.6 million tons of seafood, equal to the astounding number of 36 million meals every day of the year. 72% of the volume originated from fish farms, and the rest from fisheries. The total value was EUR 27.8 billion, a 2.4% increase from 2016. Exports to North America saw the largest growth with a 23% increase in value. Asia's growth represented a value of EUR 1.35 billion and 59 000 tons. It pushed the total tonnage to 539 000, and the total value to EUR 19.4 billion.

PHOTO: NORWEGIAN SEAFOOD COUNCIL / JOHAN WILDHAGEN



#### NORWAY IS ALREADY A VERY UNDERSERVED

**MARKET.** Only 39% of Norwegian seafood exports are flown directly out of Norway. Large volumes are still trucked to continental Europe to connect to available outbound air cargo capacity. Aquaculture is presently the world's fastest-growing food production sector. One example is the potential for China. With full market access, salmon exports may reach 156,000 tons in 2025, equivalent to 12 per cent of the current total salmon production in Norway. PHOTO: IVETA VAIVODE



#### FARMED FISH WILL FEED THE WORLD'S GROW-

**ING POPULATION.** The United Nations estimates that today's global population of 7.6 billion people will reach 9 billion by 2050, and 11 billion by 2088. Right now, fish accounts for more than 17% of the protein that humans eat – but will need to play a much bigger role in the future. The oceans and aquaculture, more than any other food source, have the capacity to feed the growing population. However, while it is unlikely that the world's fisheries will be able to produce higher yields in years to come, fish farmers face quite the opposite situation: no other food sector has grown as fast during the past two decades. PHOTO: NORWEGIAN SEAFOOD COUNCIL / JOHAN WILDHAGEN

## CARGO FACTS

# #1

**WORLD'S LARGEST** seafood terminal opens at OSL in 2020

# +59,000

metric tonnes

**GROWTH IN 2017** pushed Asia's total seafood tonnage to 539,000

#### THE WORLD'S LARGEST SEAFOOD EXPORTERS 2017

- |                  |                  |
|------------------|------------------|
| 1. China         | 6. Thailand      |
| 2. <b>Norway</b> | 7. United States |
| 3. Vietnam       | 8. Canada        |
| 4. India         | 9. Ecuador       |
| 5. Chile         | 10. Indonesia    |

Source: Statista

# +23%

**SEAFOOD EXPORTS** to North America had the largest increase in value

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