

SUSTAINABLE SHIPPING

Tiina Tuurnala



Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Association

In 2015, the United Nations adopted 17 global goals for sustainable development

- Sustainability is most often defined as **meeting the needs of the present without compromising the ability of future generations to meet theirs.**
- It has three main pillars: **economic, environmental, and social.**



SHIPOWNERS START A VALUE CHAIN THAT CREATES PROSPERITY

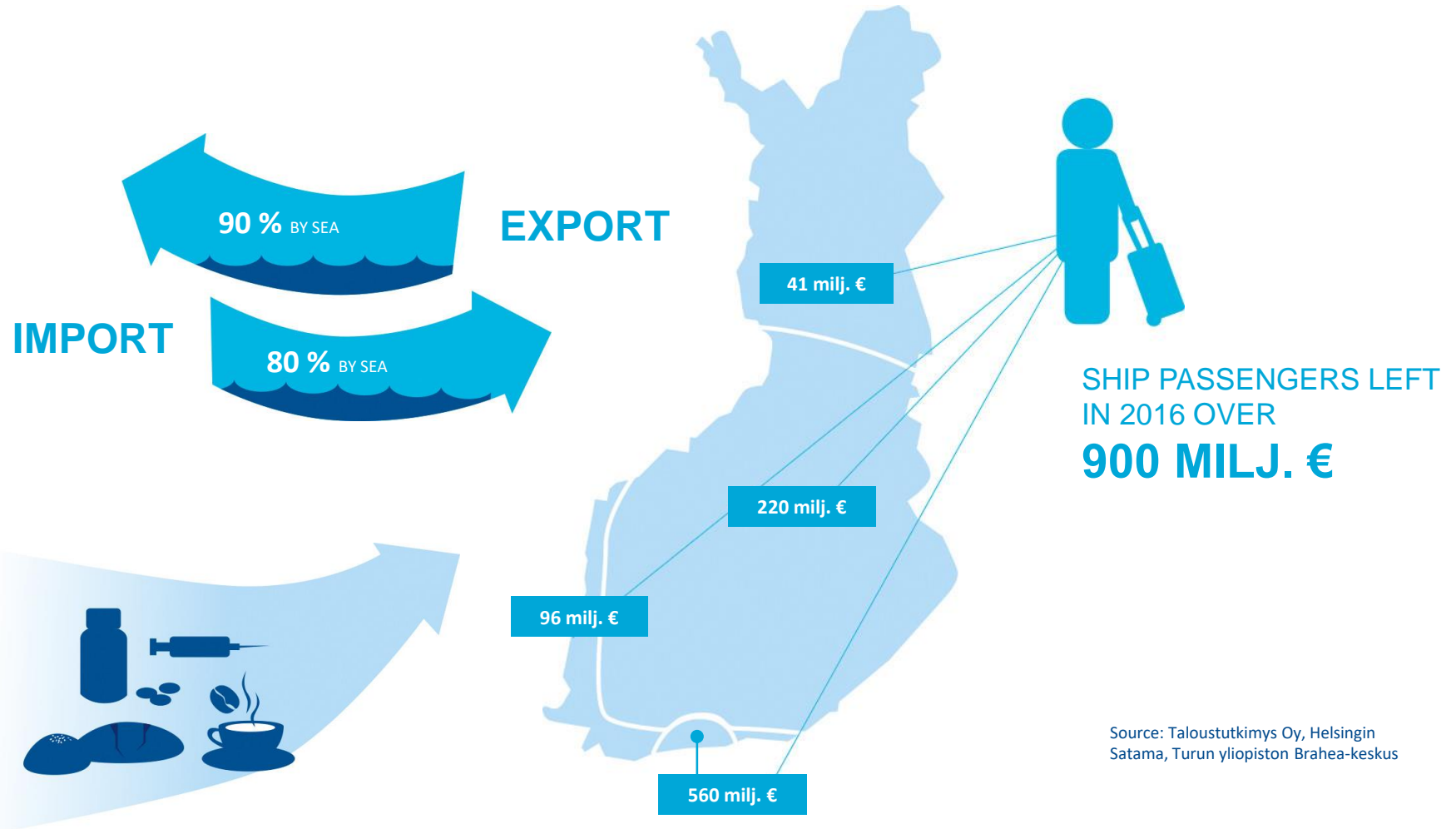


THE TURNOVER OF THE INDUSTRY
2 300 milj. €

”FINLAND IS AN ISLAND”

The Finnish economy is dependent on sea transportation.

In foreign trade, there is no alternative to seatriansport. The ice-strengthened ships under the Finnish flag ensure the security of supply in a crisis.



Source: Taloustutkimys Oy, Helsingin Satama, Turun yliopiston Brahea-keskus

MARITIME CLUSTER



50 000
JOBS

TURNOVER
13,8 BILLION



FOREIGN TRADE FROM ENVIRONMENTAL INNOVATIONS



Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Association

The Finnish maritime cluster knows collaboration



Among Finland's defining characteristics are its small size, agility and mutual trust, which are reflected in strong collaboration between the public sector and companies. Various joint projects are also spawning startups. Collaboration is bearing fruit in the form of innovation.



Finland's maritime cluster is one of the country's most significant business sectors with **annual revenues of EUR 13 billion**. The sector **employs more than 50,000 people all over the country**.



“Finland’s unique strength is the exceptionally open-minded collaboration, enabling innovative experimentation.”



Shipowners on the Baltic Sea are highly environmentally aware and pioneers in environmental innovations



SUSTAINABLE WASTE-BASED BIOFUEL MADE IN FINLAND

VG-Shipping produces environmentally sustainable and climate-friendly alternative fuel suitable for maritime transport and heating purposes. VG Marine EcoFuel™ is produced of bio and recycled oils.



Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Association

Climate Changed

Shipping Industry Plans Its Own \$5 Billion Climate Change Fund

By [Jack Wittels](#) and [Firat Kayakiran](#)
December 17, 2019, 7:01 PM EST

- ▶ Money to be used for R&D of new low carbon fuels and tech
- ▶ Funding to come from mandatory tax on marine fuel purchasing

The shipping industry has an ambitious plan to cut its carbon footprint and take the fight against climate change into its own hands.

Shipowner associations representing more than 90% of the global merchant fleet are seeking to create a \$5 billion research fund to help develop more environmentally friendly fuels and propulsion systems. They'll submit the plan to the International Maritime Organization, a branch of the United Nations, on Wednesday.



Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Associat

The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships



The Hong Kong Convention) is aimed at ensuring that ships, when being recycled after reaching the end of their operational lives, **do not pose any unnecessary risk to human health and safety or to the environment**



Ship Recycling Forum



Achieving gender equality and empowering all women and girls



Shipping has historically been a male-dominated industry and that tradition runs long and deep. Empowering women fuels thriving economies, spurs productivity and growth, and benefits every stakeholder in the global maritime community.

IMO supports gender equality and the empowerment of women through gender specific fellowships; by facilitating access to high-level technical training for women in the maritime sector in developing countries; and creating the environment in which women are identified and selected for career development opportunities in maritime. sector



Suomen Varustamot
Rederierna i Finland
Finnish Shipowners' Association



