



Food and Agriculture
Organization of the
United Nations



Fisheries and Aquaculture Division

TRAINING ON INTERNATIONAL TRADE OF FISHERIES AND AQUACULTURE PRODUCTS

Training in Indonesia

*With the support of the Government of Norway and the
European Free Trade Association (EFTA)*

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**Current trends of
fisheries and
aquaculture products**

A Global Perspective

Session 1

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What are fisheries and aquaculture products?

In terms of products

- Aquatic animals
 - Fish
 - Crustaceans
 - Molluscs
- Algae
 - Macroalgae
 - Microalgae
 - Cyanobacteria
- Other aquatic animals
 - Corals
 - Sponges
 - Others

In different forms and for different uses

- Forms
 - Whole
 - In parts
 - Processed
 - Not Processed
- Uses
 - Consumption
 - Other final utilization
 - Domestic Markets
 - International Markets

What is **NOT** included

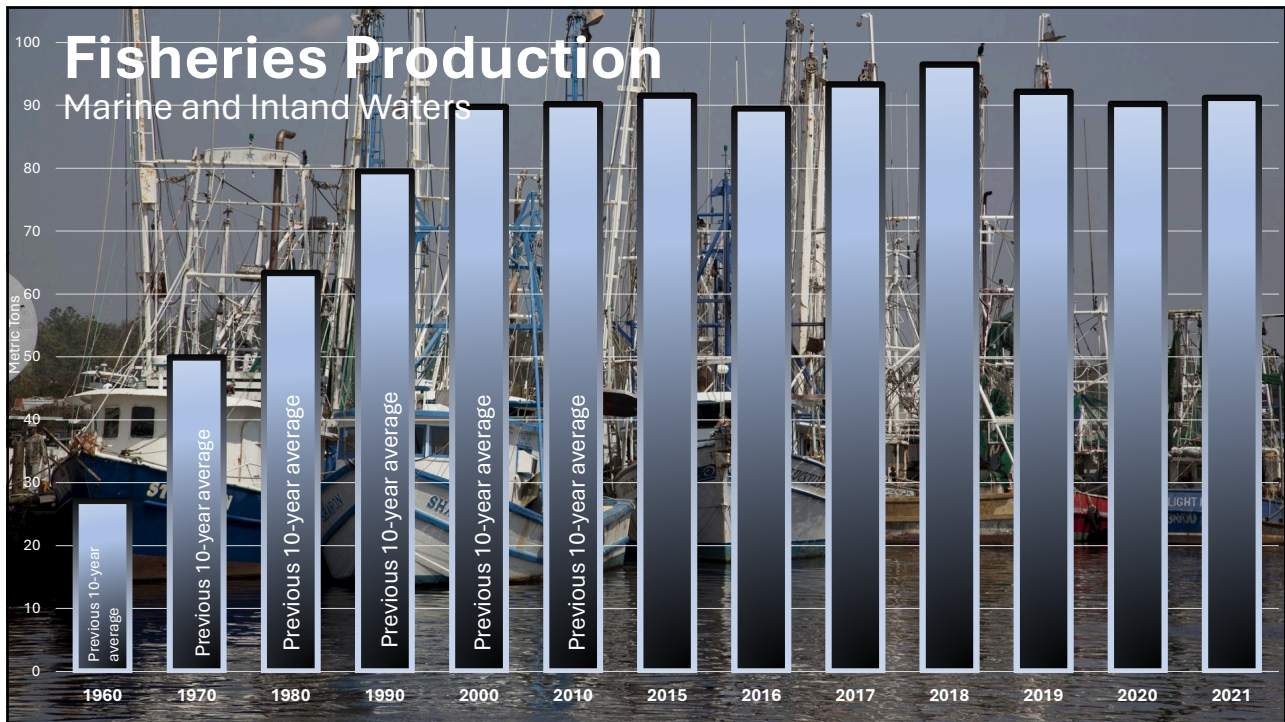
- Mammals
- Reptiles
- Amphibians
- Turtles

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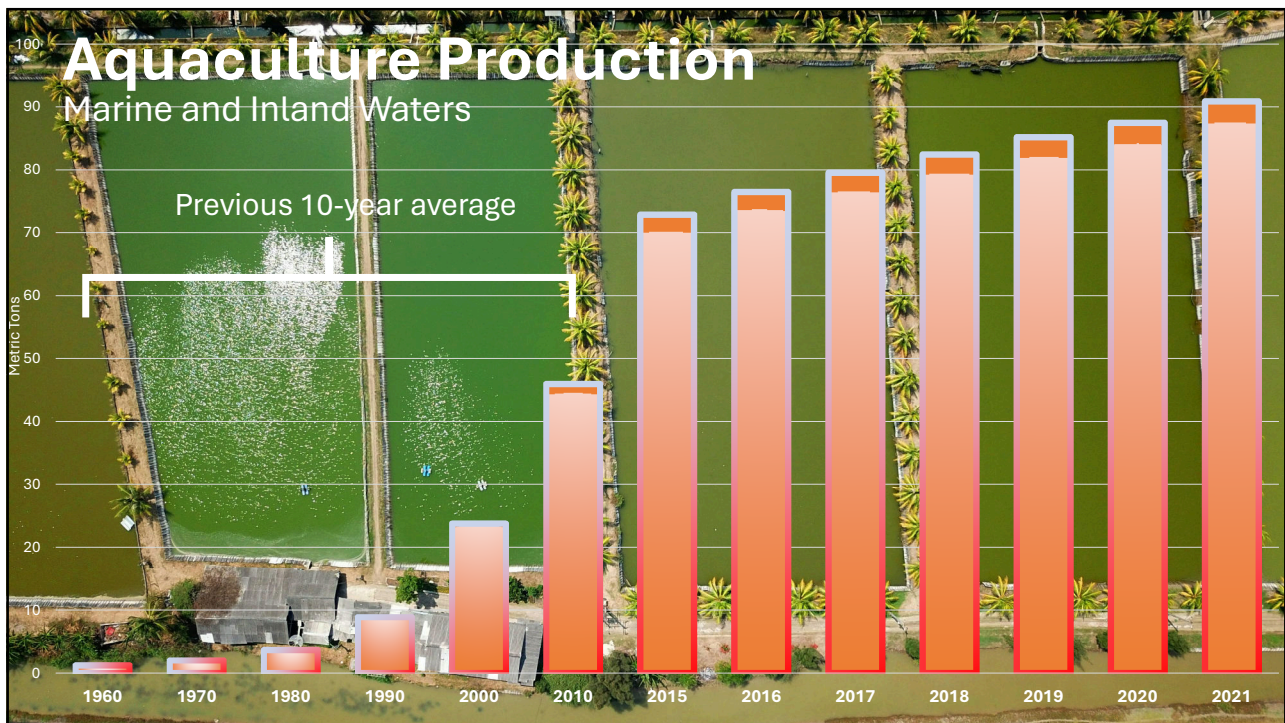
Fisheries and Aquaculture

An Important Group of Animal Proteins in Social, Economic and Environmental Terms

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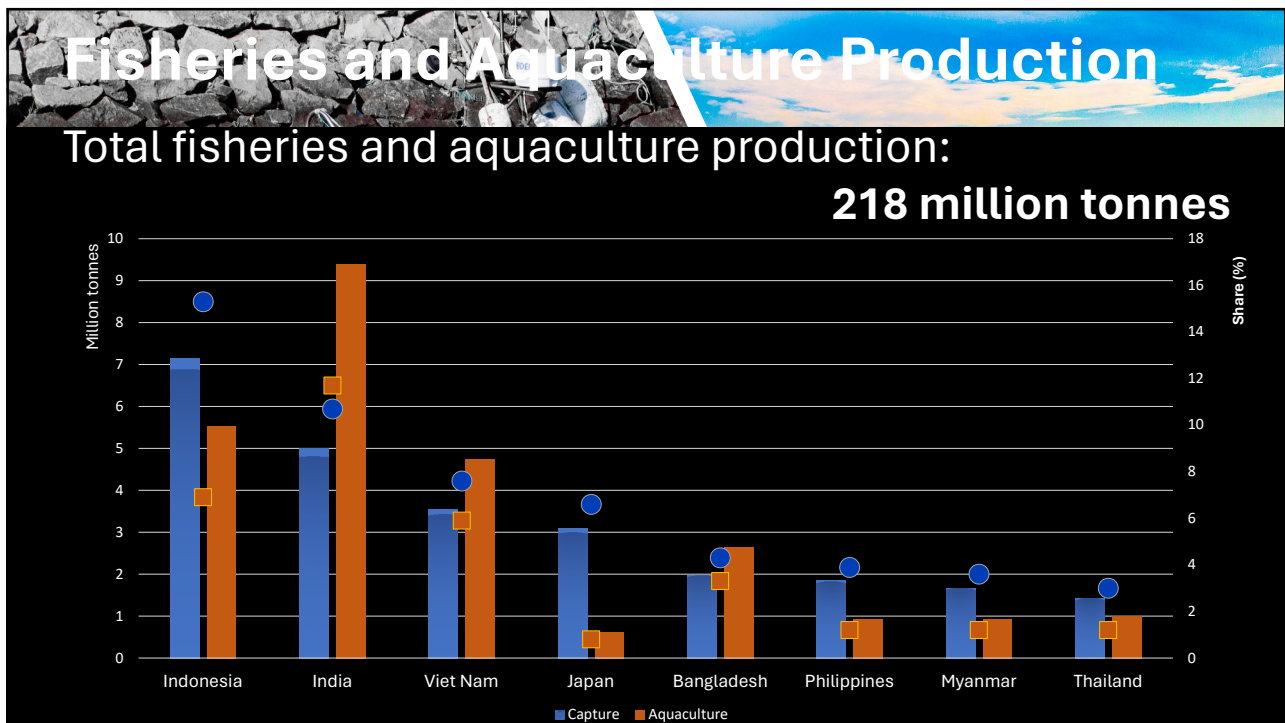
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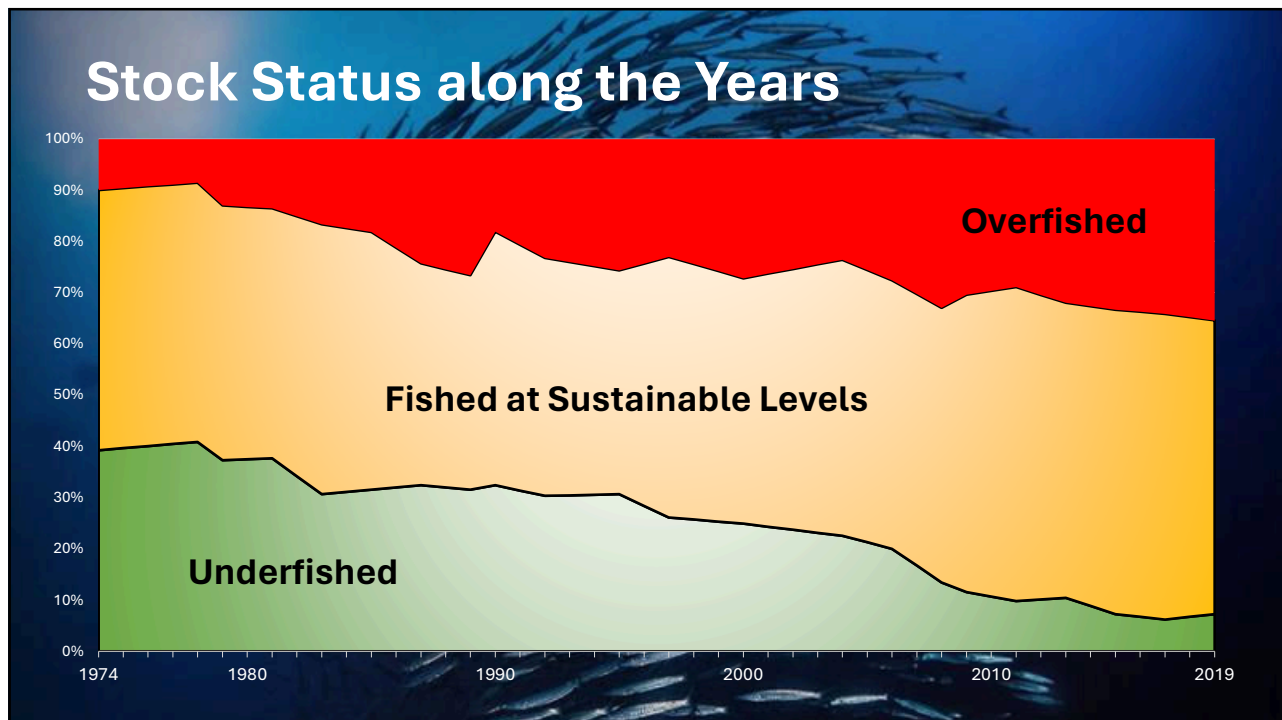
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What is the status of fish stocks?



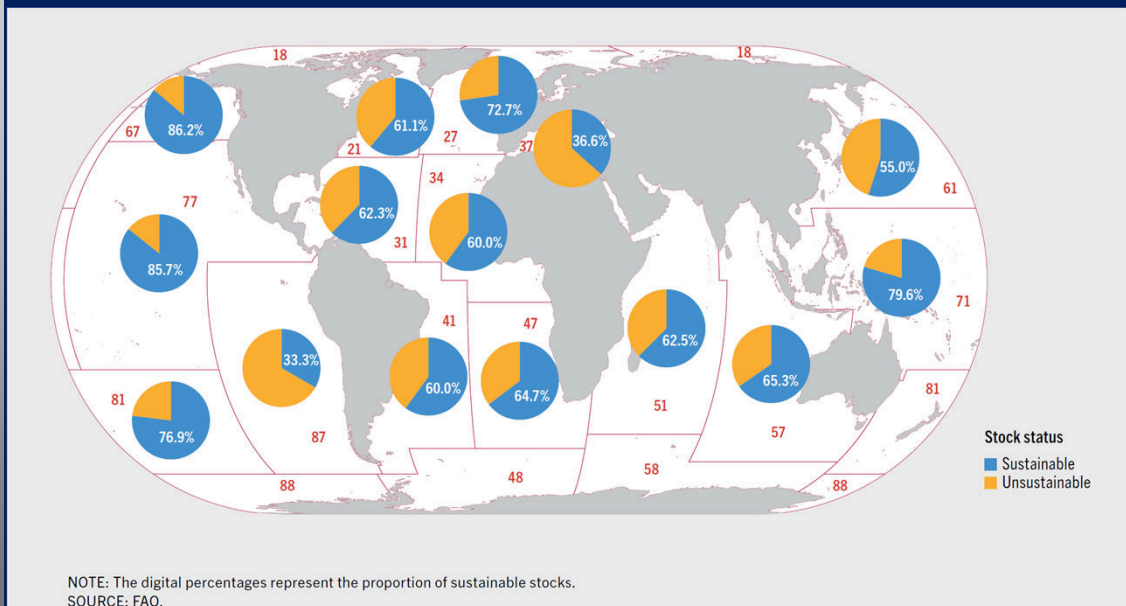
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Stock Status along the Years



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Stock Status between the Regions



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Top Seaweed Producers

- China: 53%
- Indonesia: 24%
- South Korea: 4%



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The Importance of Fisheries and Aquaculture in Social Terms

More than
60 million people employed

- 65% in capture
- 35% in aquaculture

Geographic Distribution
- **84%** in Asia

Gender inclusion
- 21% are **women**

Importance of **Small-Scale Fisheries**

- 40% of total catch
- 500 million people associated

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The Economic Spillovers of Fisheries and Aquaculture

- First Sale: **USD 406 billion**
- Fisheries: **USD 141 billion**
- Aquaculture: **USD 265 billion**

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What are the most internationally traded species?

Salmon, Trouts
and Smells

18%

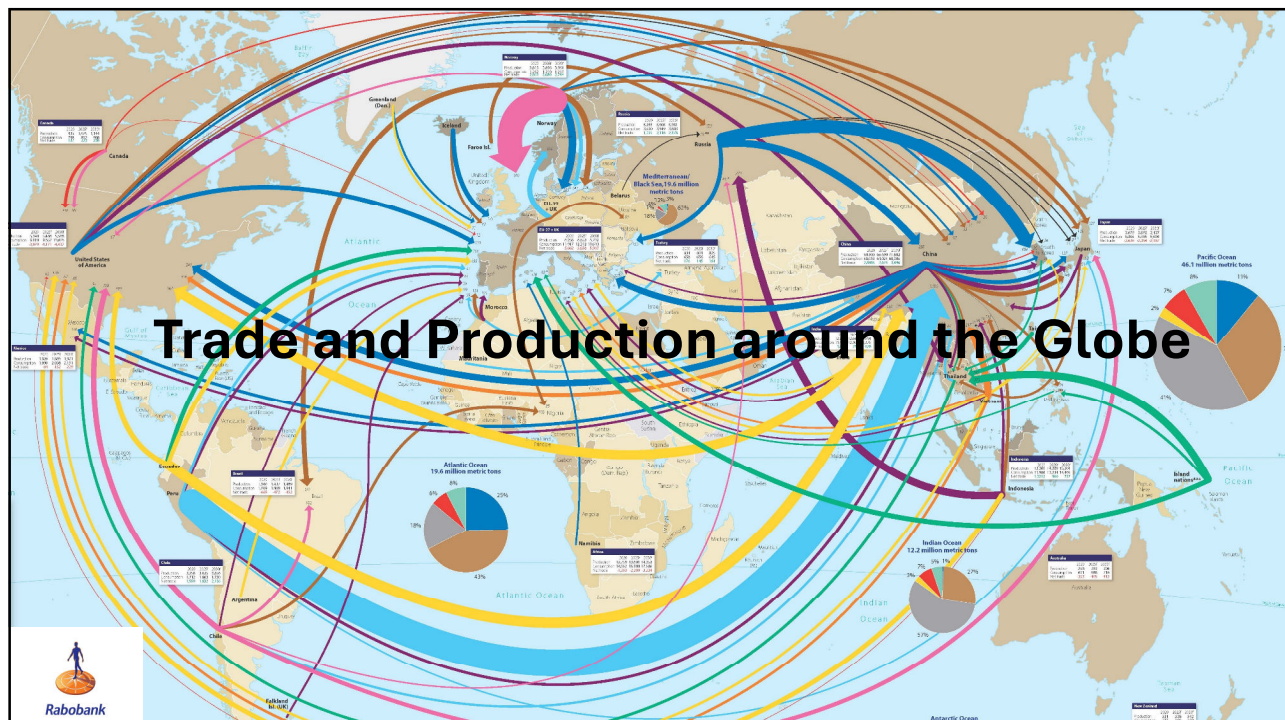
Tunas, bonitos
and billfishes 10%

Shrimps and
Prawns

16%

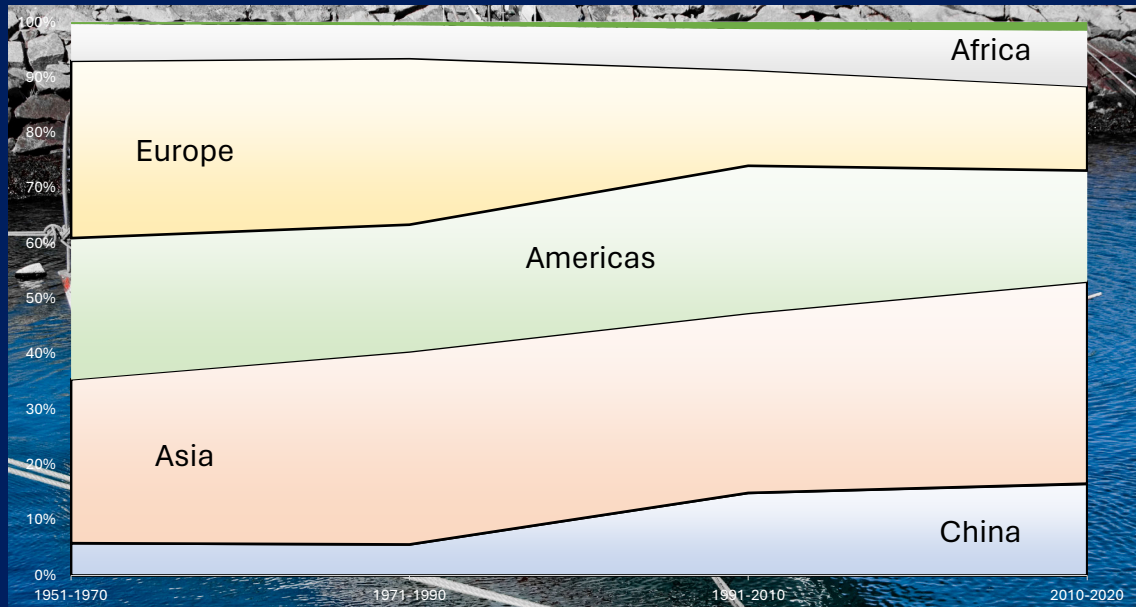
Cods, Hakes and
Haddocks 10%

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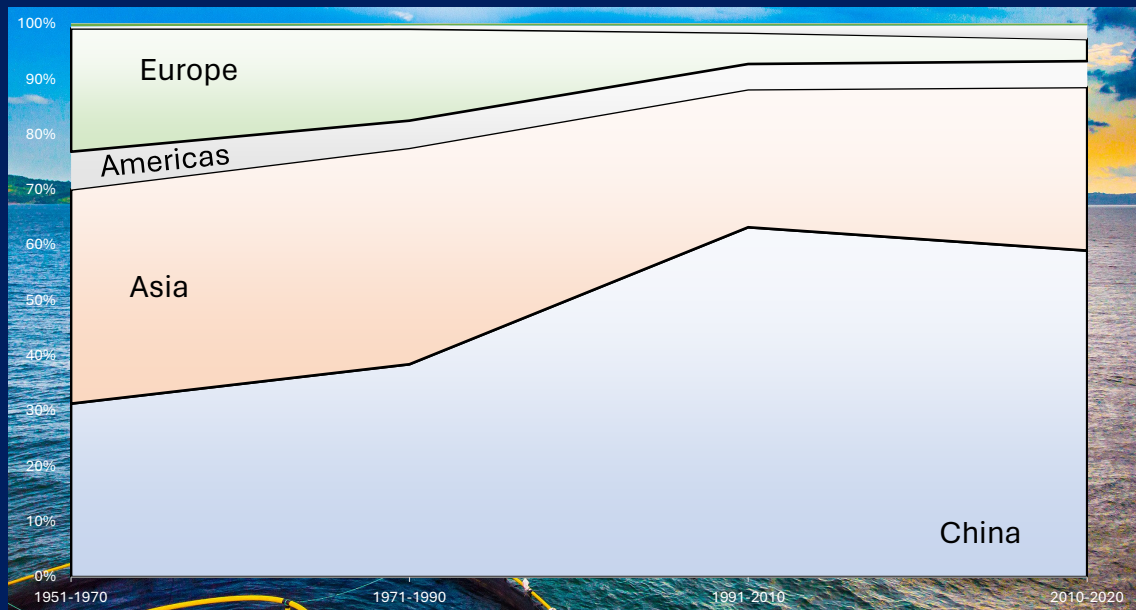
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Fisheries Production by Region

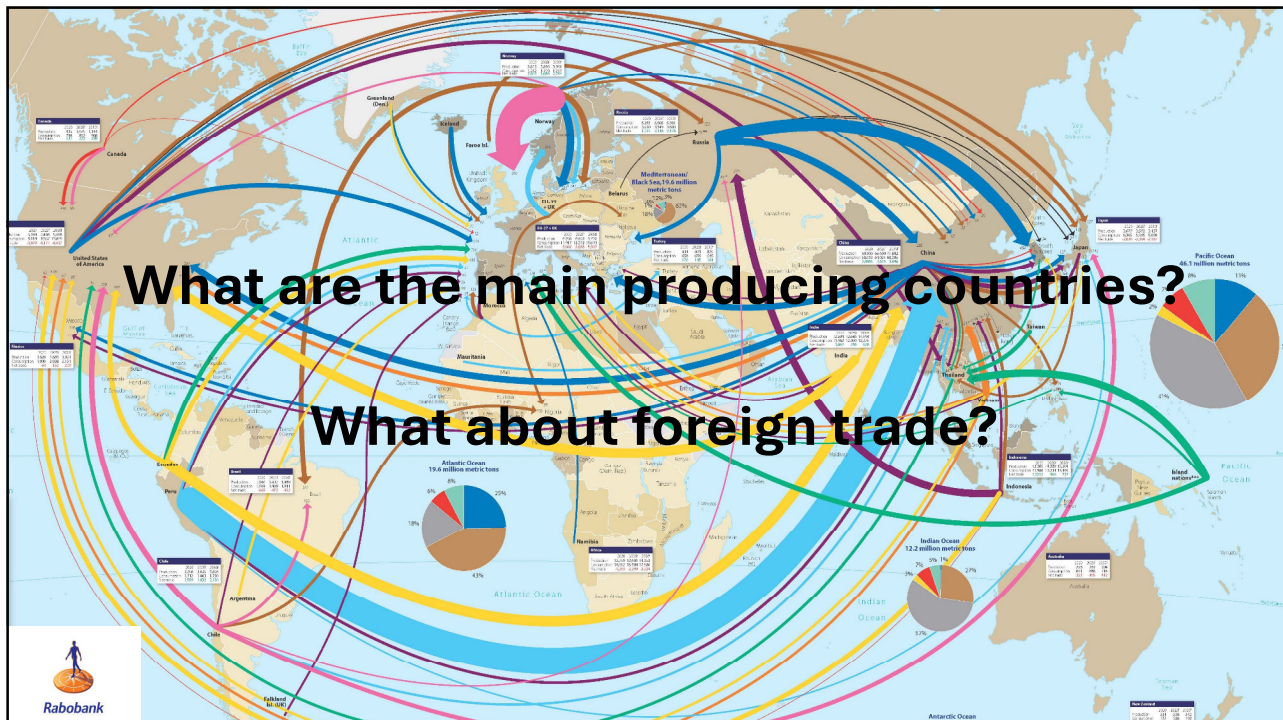


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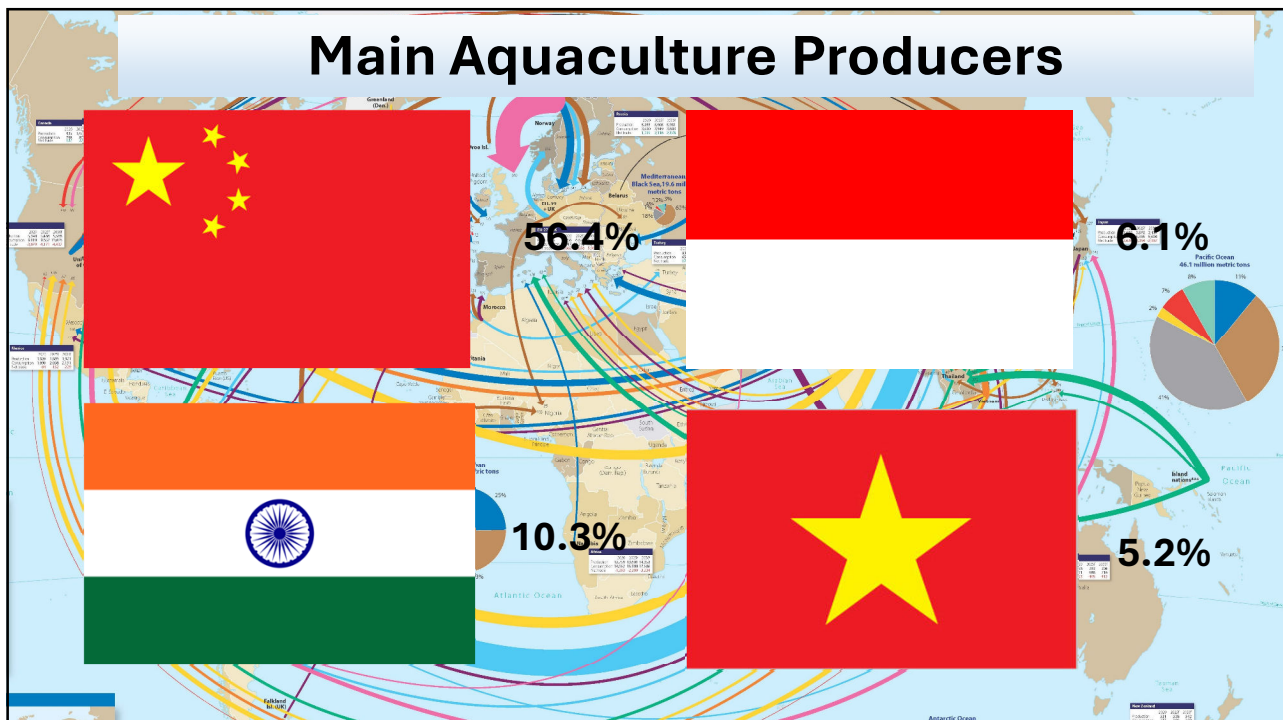
Aquaculture Production by Region



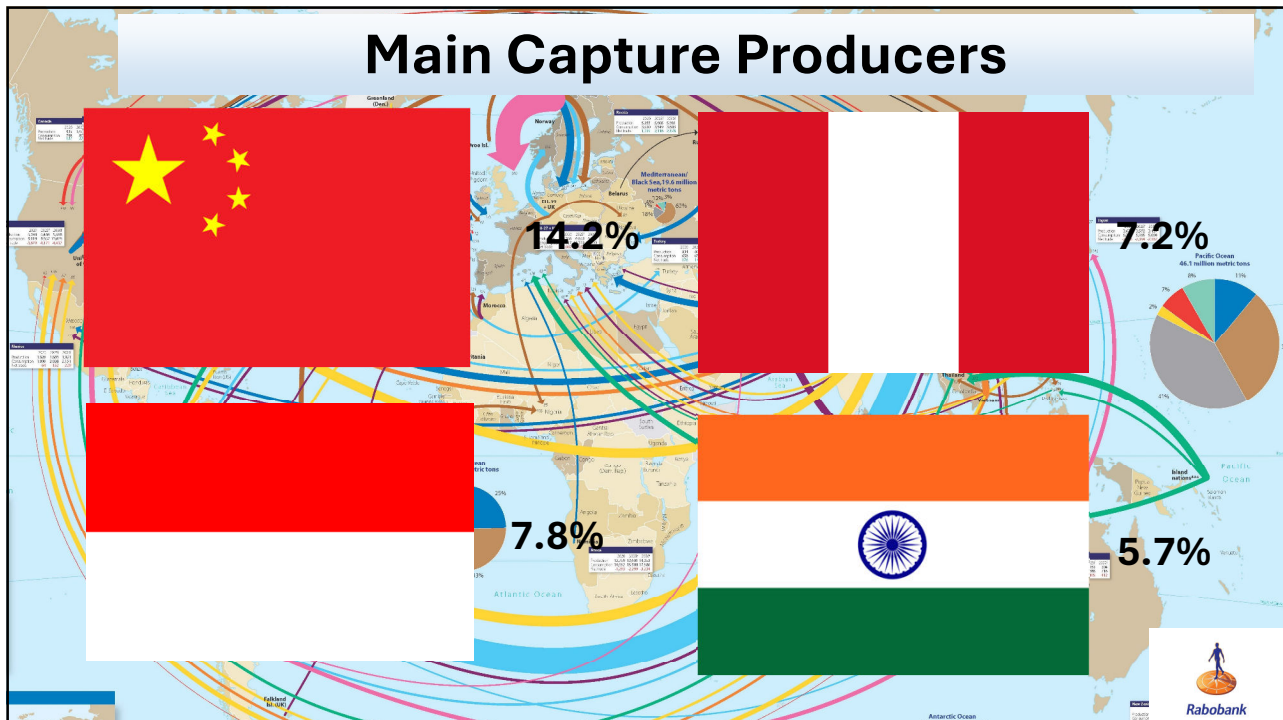
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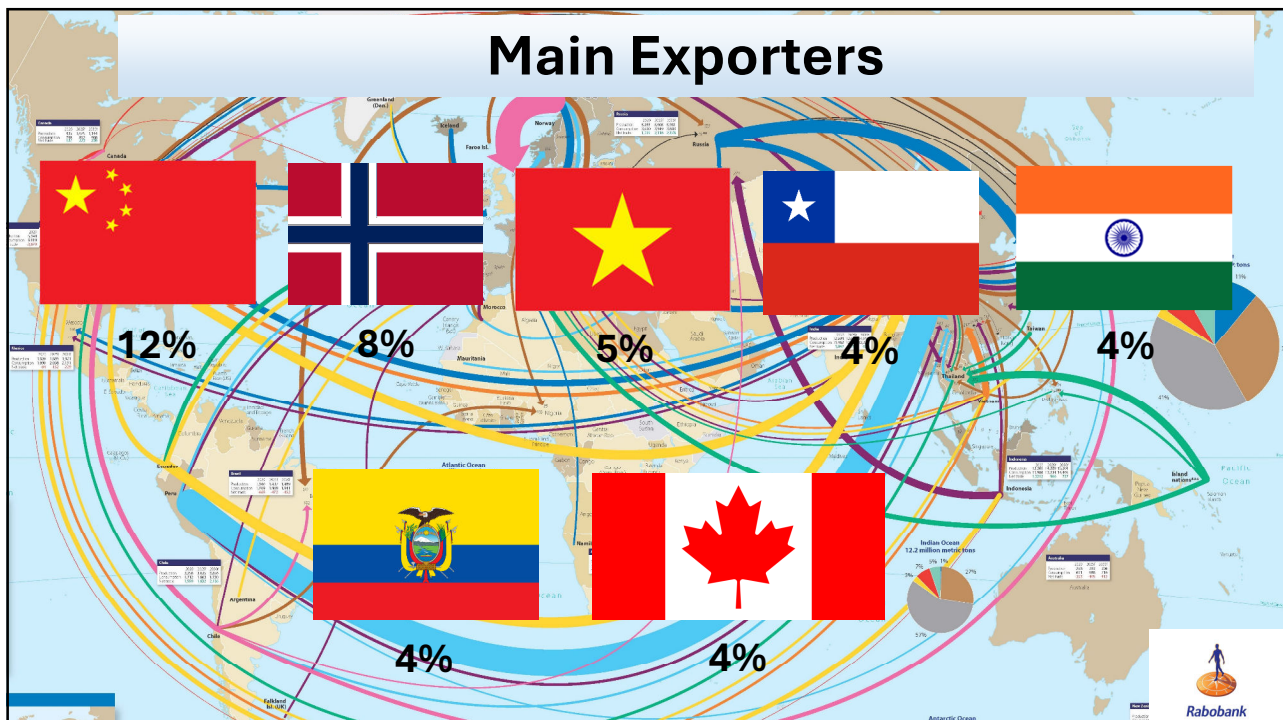
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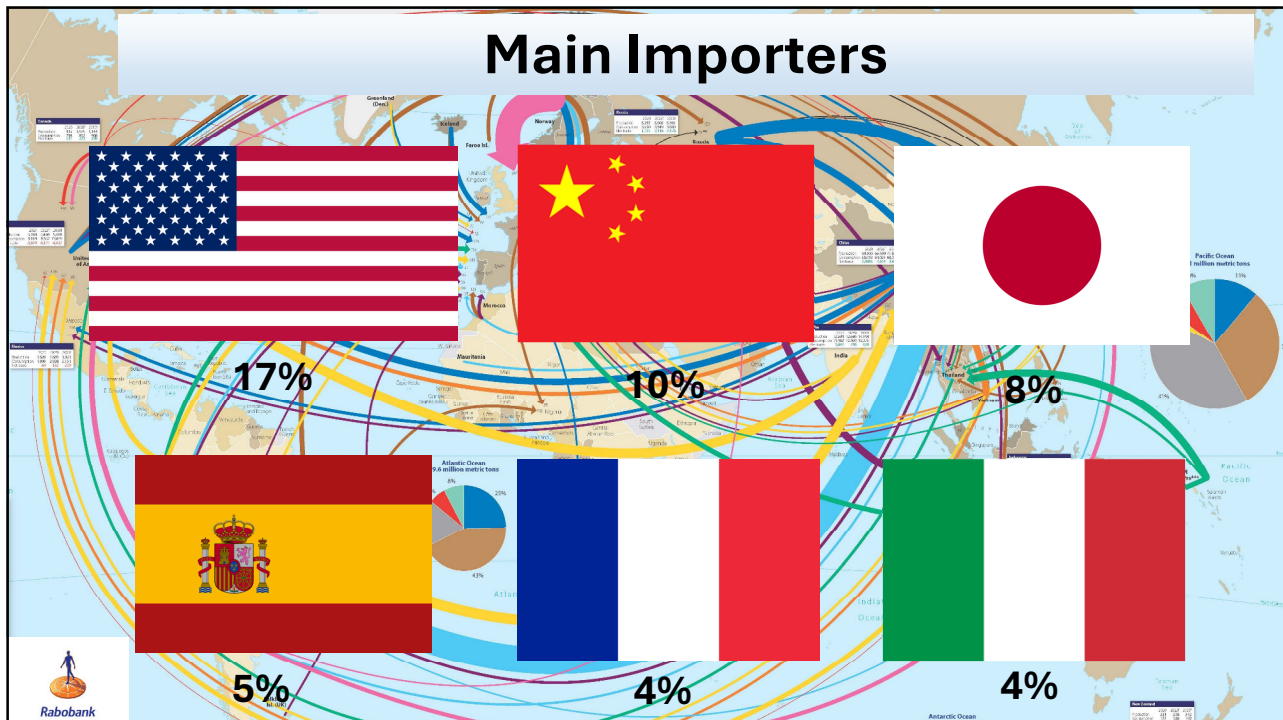
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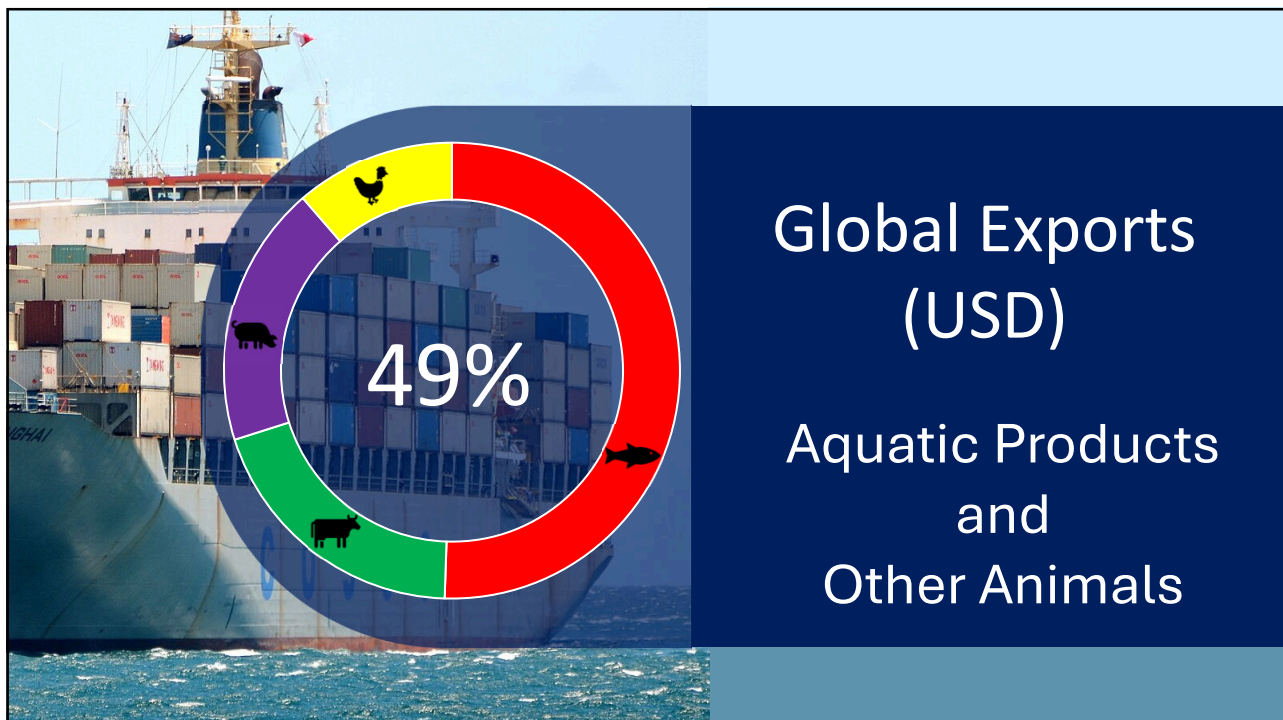
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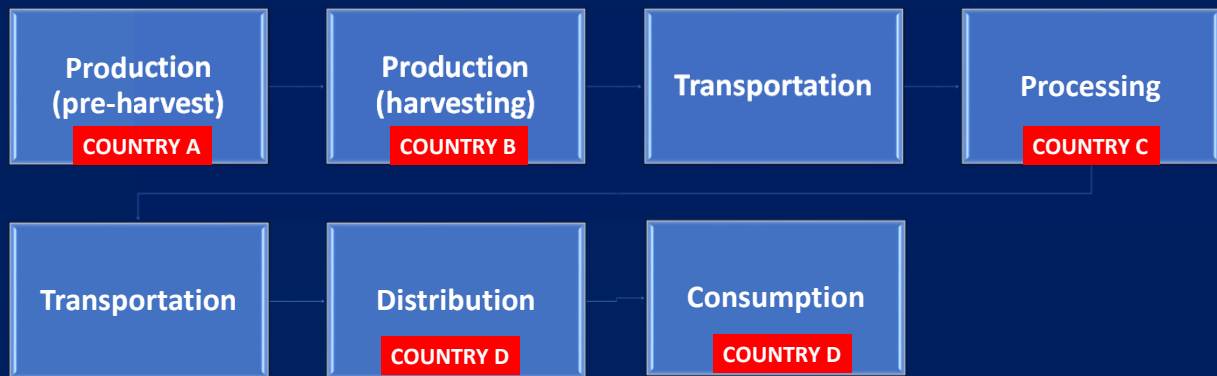


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Simplified Value Chain Fisheries and Aquaculture



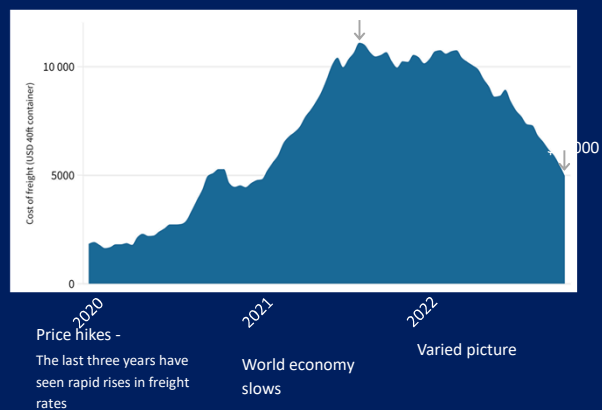
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RECENT EXAMPLES OF MARKET DISRUPTIONS

COVID-19

Freight Costs

Changes in consumer preferences




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“In every crisis lies the seed of opportunity”

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Opportunities	Production <ul style="list-style-type: none"> • Short cycles can be easier to respond to changes
	Markets <ul style="list-style-type: none"> • Expansion to alternative markets • Local AND international • New product packaging opportunities
	Demand <ul style="list-style-type: none"> • Healthier food • Role of Millennials and Generation-X • Growing import needs by traditional markets • Home cooking • HORECA and final consumers

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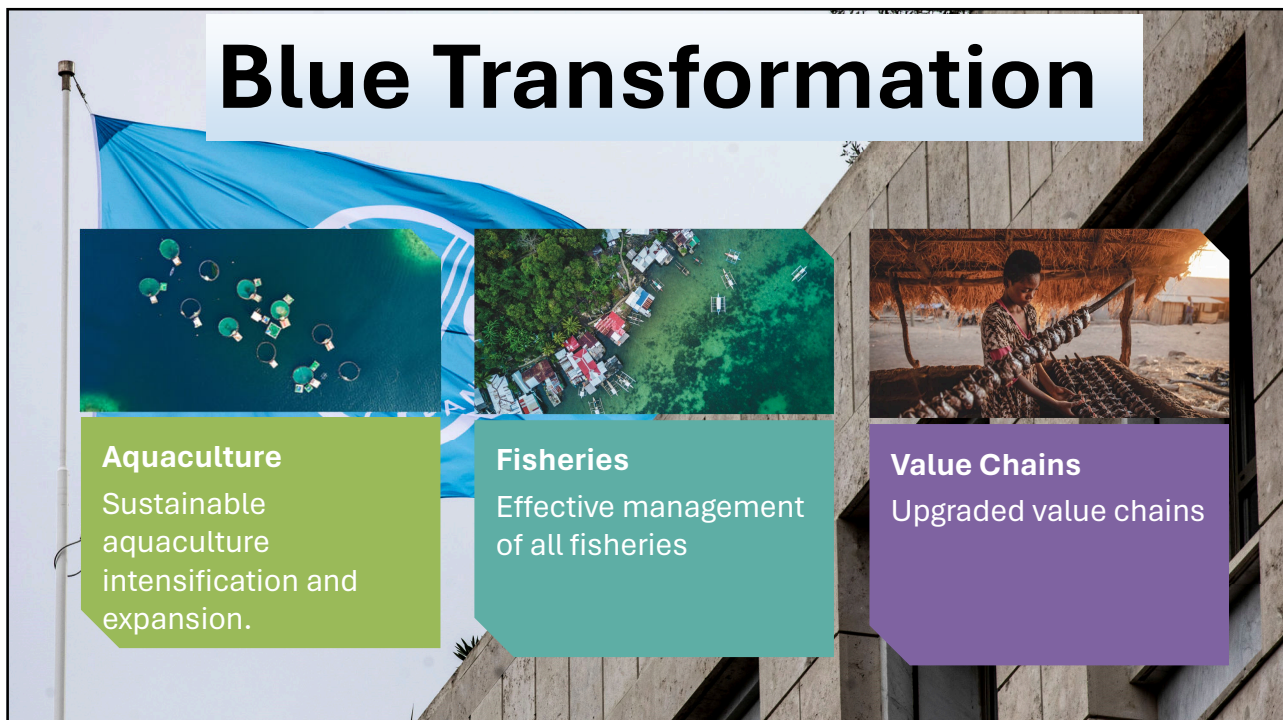
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Blue Transformation



Aquaculture
Sustainable aquaculture intensification and expansion.



Fisheries
Effective management of all fisheries



Value Chains
Upgraded value chains

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**Information! Information!
Information!**

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