



THE CONTRIBUTION OF FISHERIES AND AQUACULTURE TO FOOD SECURITY

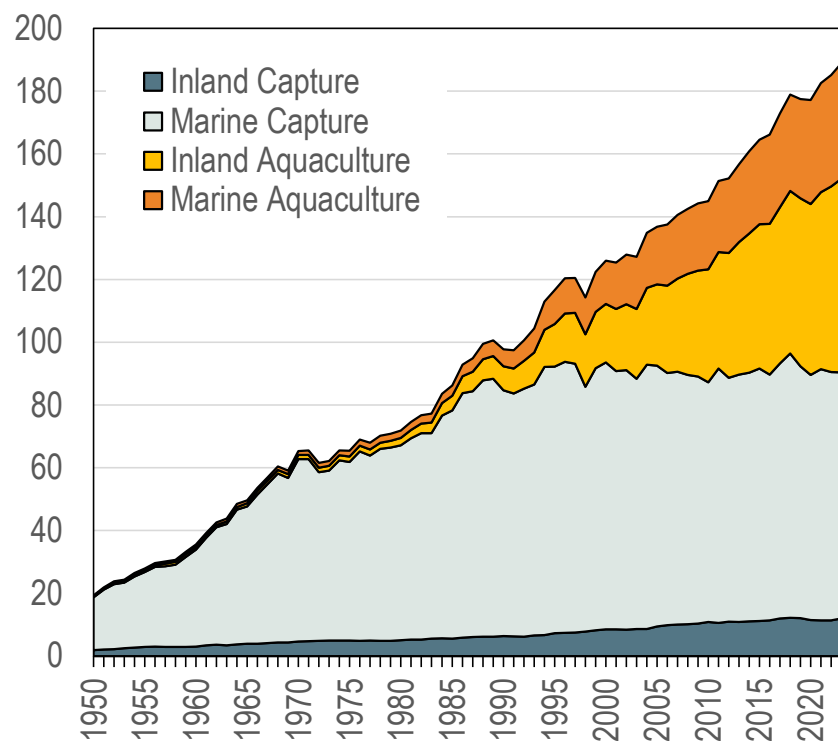
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2000-2023 APR

World Aquatic Animal Production (Mt)



@FAOSTAT

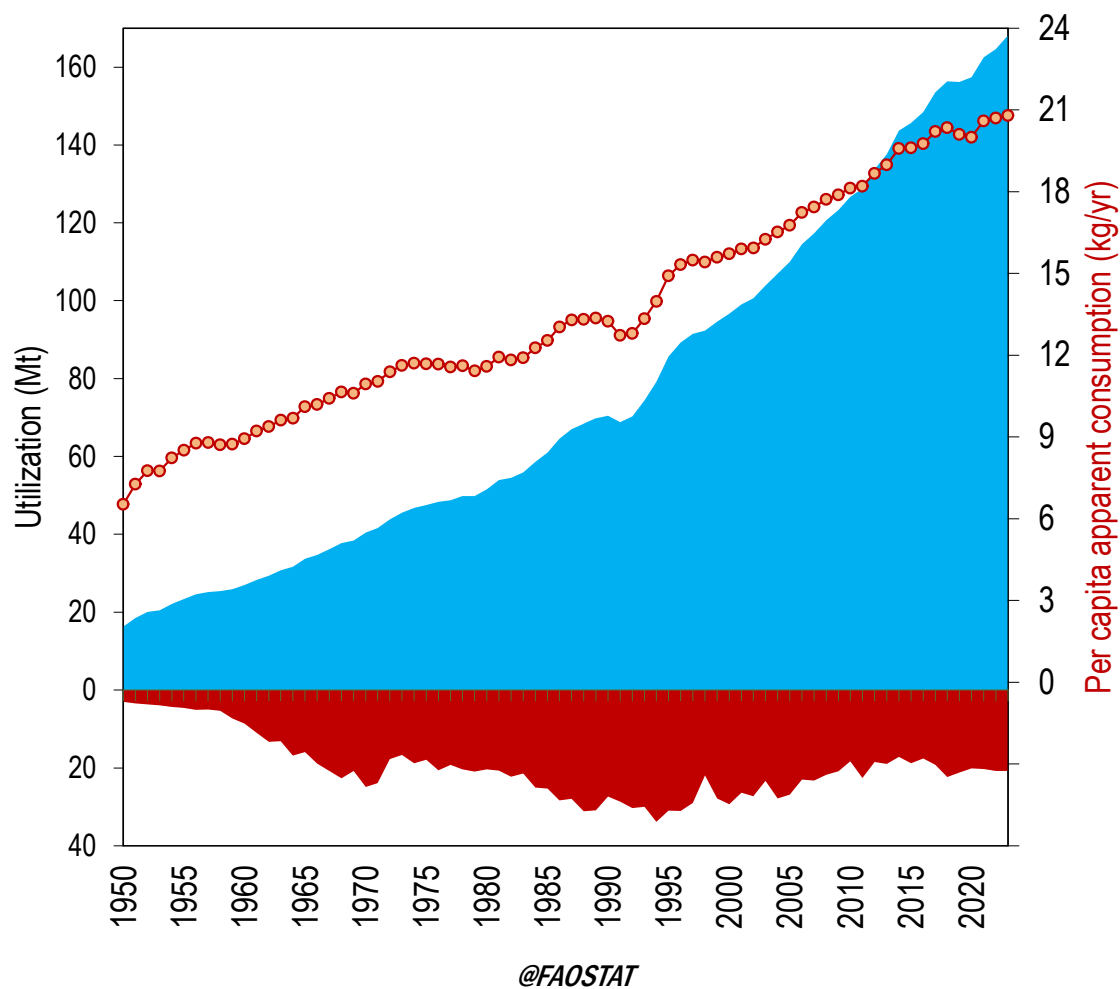


WORLD



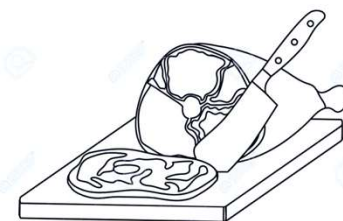
EU27

Marine Fisheries	-0.3 %	-2.4 %
Inland Fisheries	+1.5 %	-0.8 %
Total Fisheries	-0.15 %	-2.3 %
Inland Aquaculture	+5.3 %	-0.9 %
Marine Aquaculture	+4.4 %	-0.7 %
Total Aquaculture	+5.0 %	-0.7 %
Aquatic Animal Food	+2.4 %	



2000-2023 APR

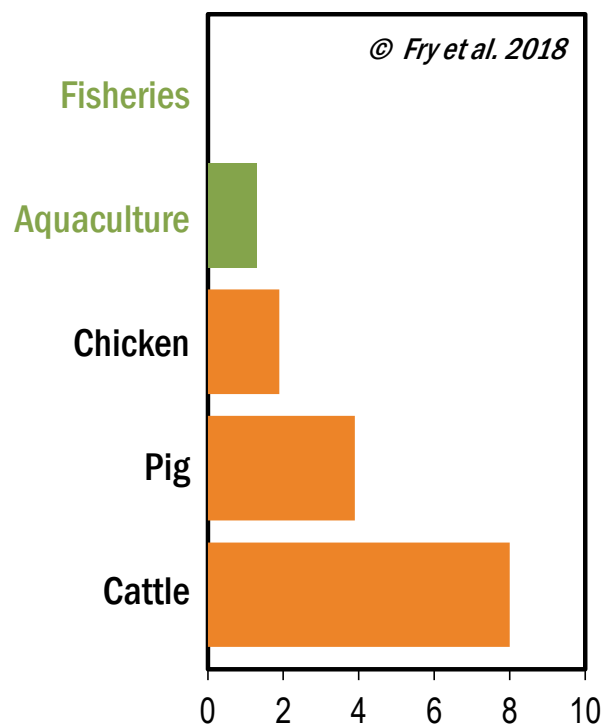
+2.4% per year



+1.5% per year

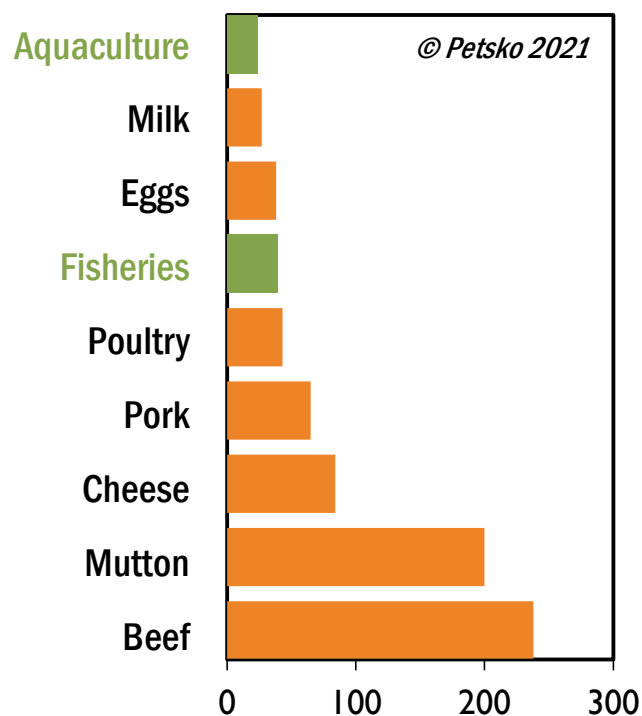
EFFICIENCY

Conversion Efficiency
(kg feed/ Kg live weight)

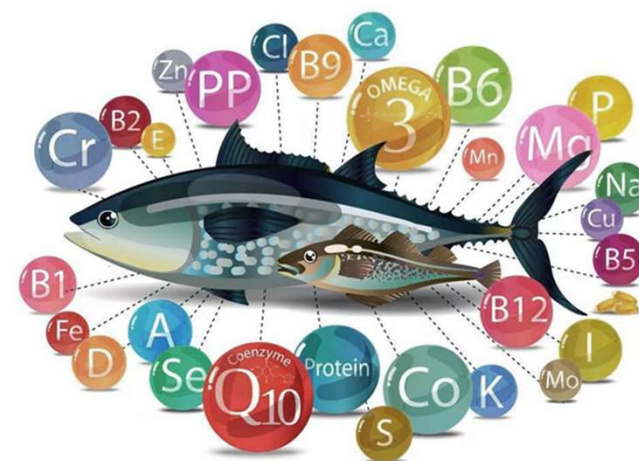


FOOTPRINT

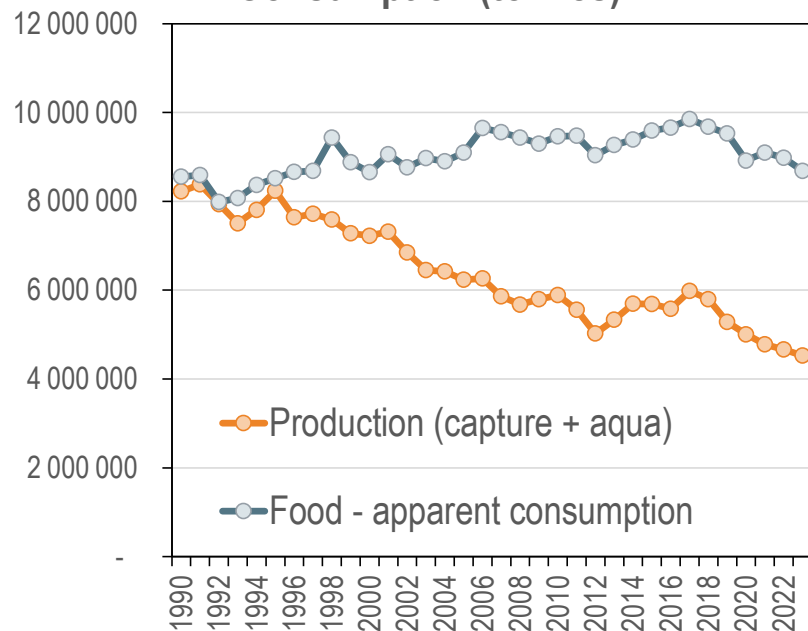
GHG Emissions Intensity
(g CO2 eq./g protein)



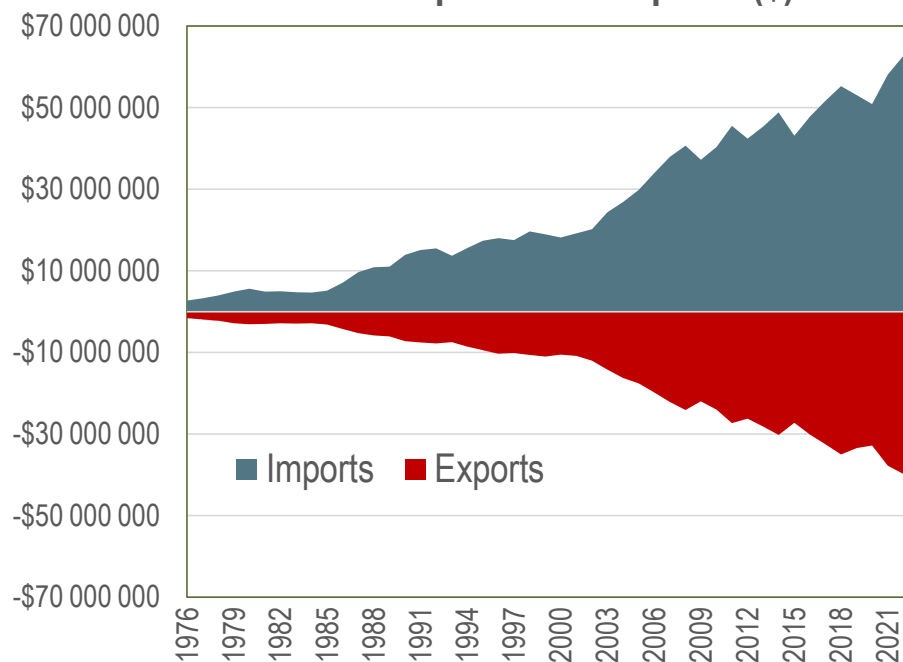
NUTRIENT RICH



EU27 Aquatic Animal Production / Consumption (tonnes)



EU27 Exports and Imports (\$)



- 34 % of all imports of aquatic animal products (by value),
- An aquatic animal trade deficit of 22 billion dollars (2023), growing at 4.8% per year since 2000
- In 1990 produced >70% of its consumption, by 2023 it decreased to 47% (self-sufficiency rate)



Per capita consumption aquatic animal foods (kg/year)

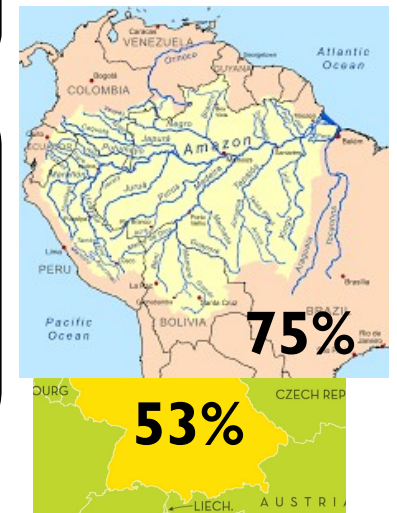
	2034	Growth rate*
World	21.8	3.3%
Africa	9.0	-1.6%
N America	23.8	5.2%
LAC	12.0	11.8%
Asia	28.0	6.7%
Europe	20.6	-0.8%
Oceania	23.4	1.4%

*from 2022-24

Replacing Capture Fisheries?

Capture Fisheries Production (World, 2023)	90.4 Mt
Capture Fisheries Production (EU27, 2023)	3.5 Mt

	<u>Additional Land Area#</u>
<u>Livestock combination*</u>	
World	4,957,852 km ²
EU27	191,952 km ²
Replacing fishmeal/oil (World)	+47,453 km ²



* 25% beef/lamb, 35% pork, 40% chicken

Leadbitter et al. 2025. <https://doi.org/10.1080/23308249.2025.2585414>. Adjusted to 2023 production values



Priority
Ocean Governance
Integrated approach for ocean health and sustainability
Competitiveness of sustainable blue economy
Protecting and empowering coastal communities and islands (European)
Advancing ocean research, knowledge, literacy, skills for Blue innovation
Enhancing maritime security and defence
Strengthening ocean diplomacy and international ocean governance

RFMOs / BBNJ

Fisheries assessment / OECMs

MDS FLW/ Blue Ports

VG SSF / Social Responsibility

EAF / Climate Change / Nansen

PSMA / Global Record

FAO COFI / RSN

Aquaculture Development???

- ☐ Aquaculture development
- ☐ Effective fisheries management
- ☐ Upgrading Value Chains



-
- ❑ FOOD
 - ❑ LIVELIHOODS
 - ❑ ECONOMIC DEVELOPMENT
 - ❑ SUSTAINABLE SOLUTIONS

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