

Forecasting fish distribution and abundance in the Atlantic Ocean

The challenge of balancing exploitation and sustainability

Keep eating wild-caught fish: It's the best way to feed the world

Wild-caught seafood is the **PERFECT PROTEIN** since lives freely and does not require being artificially fed, use of water supply, antibiotics or pesticides

Healthiest animal protein



Eating wild-caught fish means **CLIMATE PROTECTION** as it is by far the animal protein with the **lowest carbon footprint** thus the best option in terms of food security



NO MARINE FISH HAS EVER GONE EXTINCT due to commercial fishing



CO₂ emissions from fishing are down by 40 %
(if compared with 90's levels)

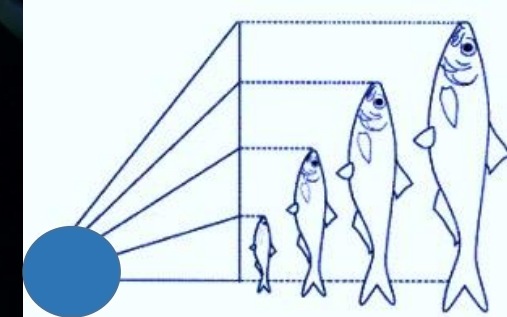
Energy consumption
(in millions of litres of fuel)



Fuel consumption decrease from 2009 to 2017 (in green)

Resilience and sustainability **at the core** of EU fisheries management

- ✓ A **50% REDUCTION IN FISHING PRESSURE** in the North-East Atlantic
- ✓ **50% MORE FISH (stocks) IN THE SEA** than in 2010
- ✓ More than **99% OF LANDINGS** from EU managed stocks in the Atlantic **SUSTAINABLY FISHED**
- ✓ Almost **80% FISH CONSUMED WORLDWIDE** is **SUSTAINABLE**



Biodiversity



Food security

- **100% fisheries management in all sea areas NOT arbitrary targets (e.g. 30% MPAs)**
- ✓ **Fmsy works! – Bmsy / MEY INOPERATIVE** for fisheries management in the EU

Fisheries is the sector most affected by climate change

What needs to be done?

- Sustainably regulate **new blue economy actors**: new stressors in the marine environment
 - !! Increasing competition over marine space
- Science to help fishermen to adapt to fish distribution shifts: **fish-forecasts**
 - Emerging VS declining species
 - Adequate funding
- Use science to mitigate **uncertainty and potential (boundary) conflicts**
- **Flexible, adaptive and quick management decisions**
 - Adapt EU policies: **Landing Obligation** to avoid “chokes”
- **Decarbonize the fishing industry (hydrogen & gas engines)**
 - Remove legislative limitations (capacity ceilings) + EMFF engine replacement ALL vessels

Many thanks for listening

Enjoy eating fish and shellfish!

Europêche is the representative body for the fishing industry in the European Union

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"Our mission is to promote responsible and sustainable fishing practices that not only ensures a healthy and diverse marine environment but preserves an economically and socially sustainable fishing sector able to contribute to the growing world demand for healthy seafood." Javier Garat, President of Europêche.