

The External Dimension of the Common Fisheries
Policy: Present challenges and future
opportunities
June 1-2, 2021

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The wider policy context: what is the role of (long distance) fisheries?



At least, goals no. 1 (poverty), 2 (hunger), 3 (health) , 8 (work), 12 (consumption) , 13 (climate), 14 (ocean life) and 17 (partnership), strongly related to fisheries

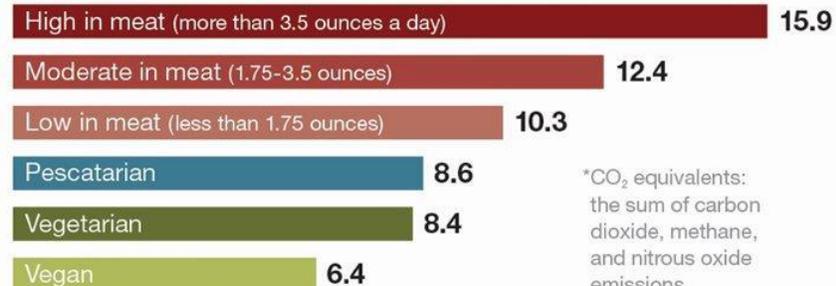
How do fisheries relate to those objectives?

Climate Change: a game changer (II): the strategic value of seafood. The “perfect protein”



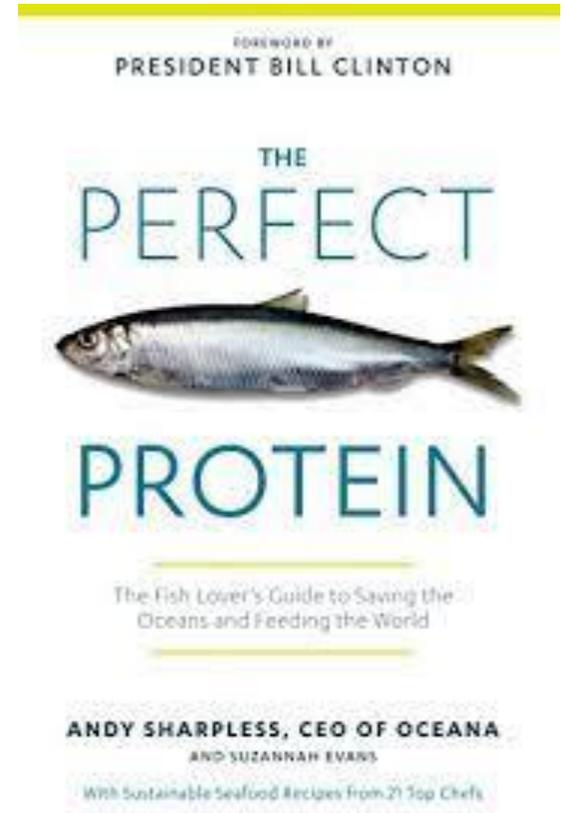
**UNITED NATIONS
FOOD SYSTEMS
SUMMIT 2021**

Mean greenhouse gas emissions per 2,000 kilocalorie diet
*pounds of CO₂ equivalents**



*CO₂ equivalents:
the sum of carbon
dioxide, methane,
and nitrous oxide
emissions

GRAPHIC: NGM ART. SOURCE: PETER SCARBOROUGH, OXFORD UNIVERSITY



How can we make the case of seafood?

Climate change: a game changer (III): decarbonising the fisheries sector. How much time do we have?



The EU Green Deal. Europe, carbon neutral by 2050



Examples of harmful subsidies



Port construction & renovation



Fuel tax exemptions



Boat construction & modernisation

What changes in the
fiscality of marine fuels
(well before 2050)?

The energy efficiency of fishing

Comparison of Galician fishery systems

Fishing system	tonnes fuel/tonnes fish	USD/kg
European hake, offshore longline	1.551	1.40
Atlantic horse mackerel, coastal trawl	0.316	0.28
European pilchard, coastal purse seine	0.175	0.16
Anglerfish, offshore trawling	2.547	2.29
Tuna, deep-sea purse seine, Indian ocean	0.313	0.29
Mussels, extensive aquaculture	0.013	0.01

Source: FAO (2015)

The alternatives?



solar



Hybrid diesel-electric

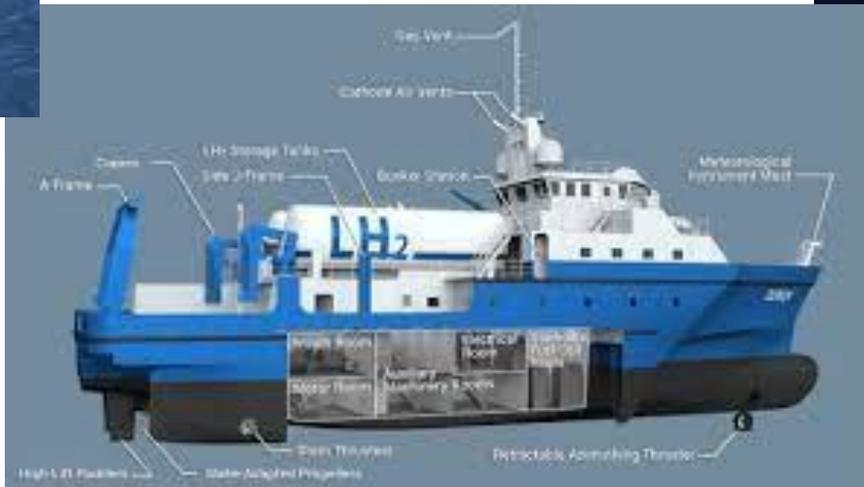


LNG-battery



wind

Hydrogen fuel-cell ships: the best solution?



Developing the hydrogen fuel-cell alternative

Horizon 2020:

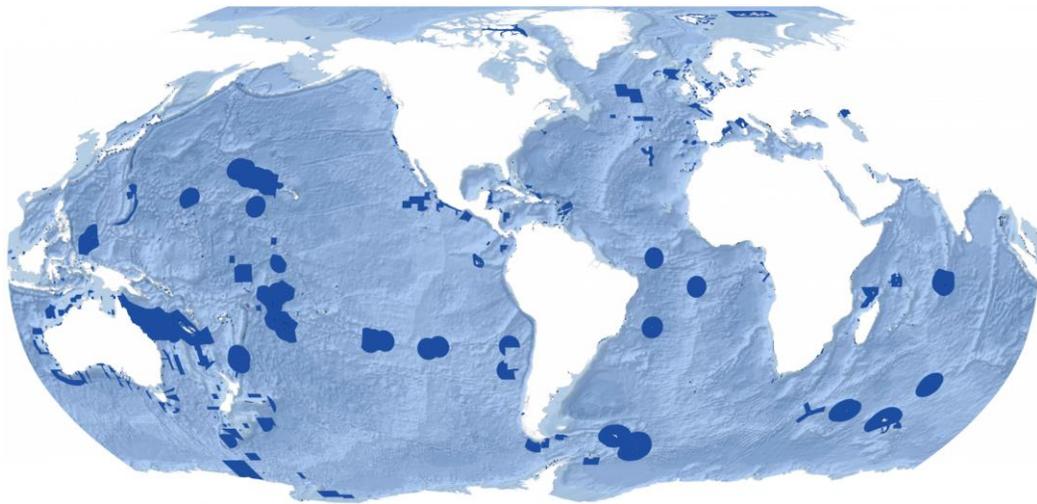
- Fuel Cells Hydrogen (FCH) Joint Undertaking: 108 research programmes on hydrogen fuel-cell technologies, but few on marine technologies

LIFE 2001-2007

- How much research on marine fuel-cell technology?
- How much fishery-specific research?



The initiatives on food production and marine biodiversity (I): The Convention on Biological Diversity (CBD)



The next step from the Aichi targets:
30% of the oceans as MPAs by 2030?

OECMS IN THE MARINE
CAPTURE FISHERY
SECTOR

19 MAY 2021
16.00 - 17.30 CEST
WEBEX EVENTS

ORGANIZED BY IUCN
FISHERIES EXPERT GROUP
AND EBCD, IN
COLLABORATION WITH
FAO



CONTACT:
JACOPO.PASQUERO@EBCD.ORG

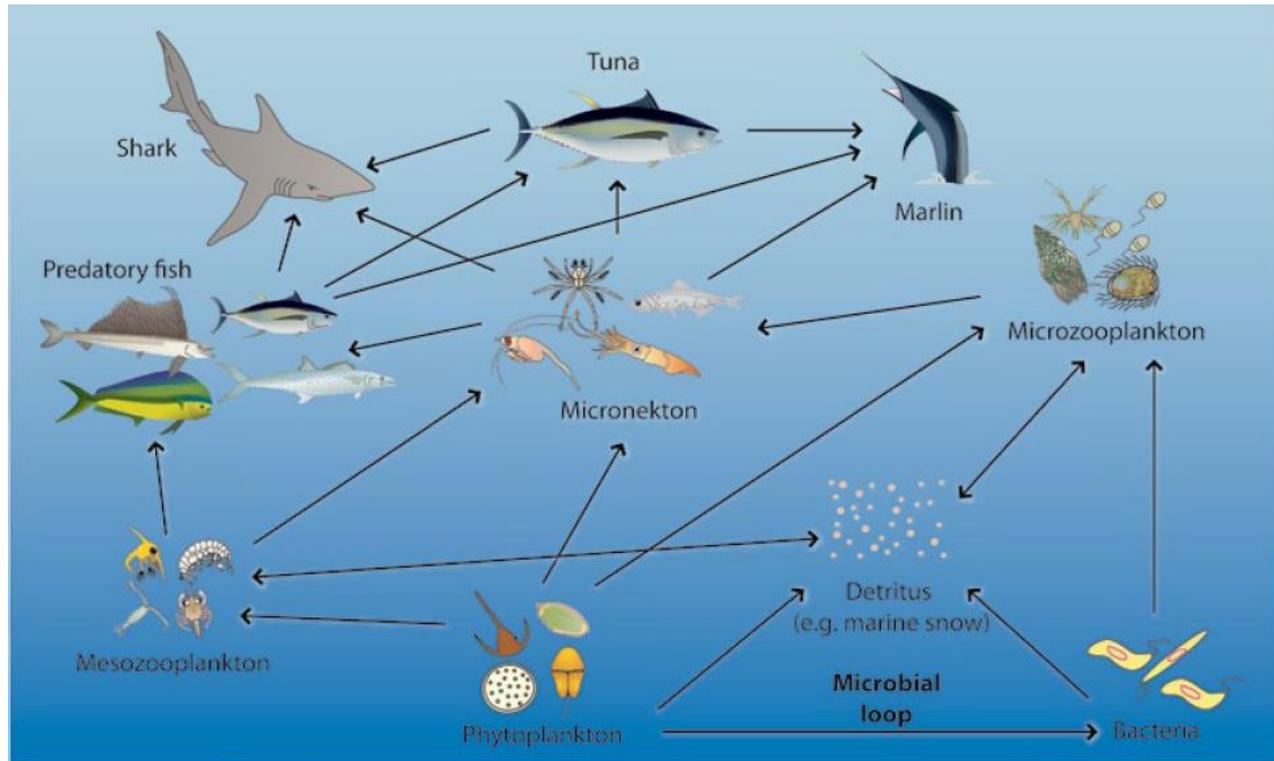
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The industry: part
of the problem or
part of the
solution?

Other Equivalent Conservation
Measures (OECMs)?

Food production and biodiversity (II)

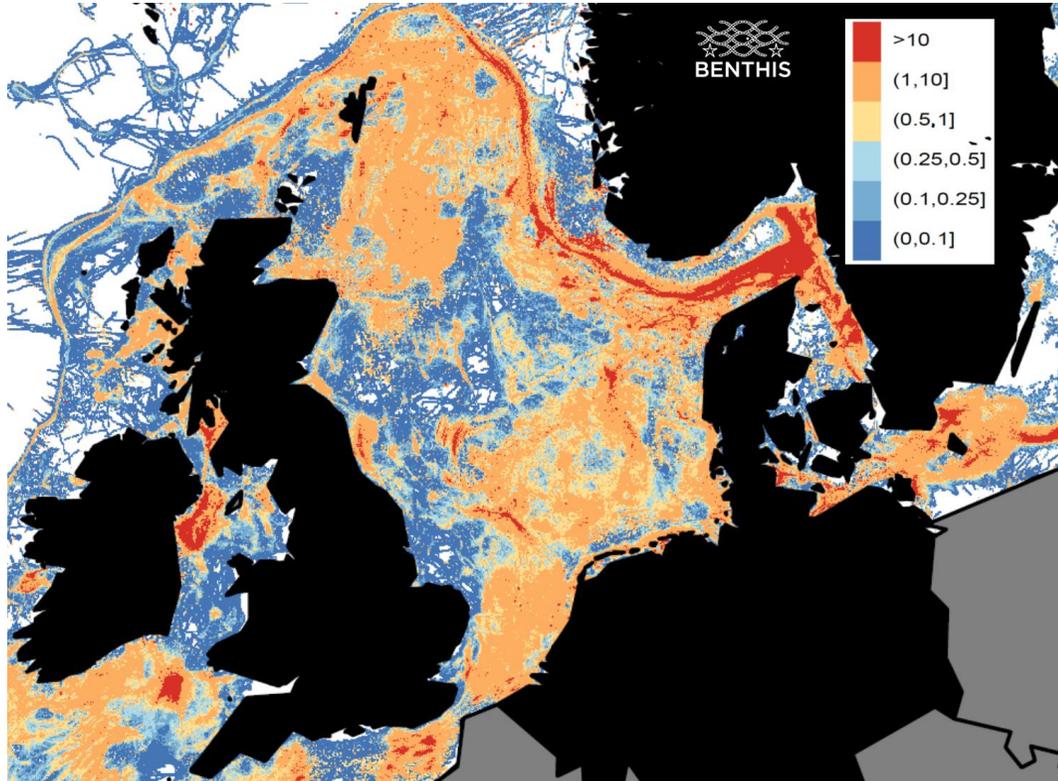


Fisheries and biodiversity loss



Agriculture and biodiversity loss

Food production and biodiversity (III)



The effects of bottom trawling: The North Sea
(Source: ICES)

Deforestation in Paraguay
go.nasa.gov/2w1syT8 #NASA

Traducir Tweet



The effects of plowing: The case of El Chaco (Paraguay & Argentina)

Food production and biodiversity: setting the record straight

Fisheries and development



What do developing countries want?
And do we have the right instruments?

Fish trade and food security: the level playing field

- Uniform application of existing legislation by member States;
- Ratification of international instruments and import policy dependent upon such ratification;
- Promotion of international fisheries governance;
- Norway and Iceland: crossed investment?

A report to the EU

...and China?

A “ceiling” of 3,000 ocean-going vessels?



The information society: The public image of (long-distance) fishing



Ray Hilborn:

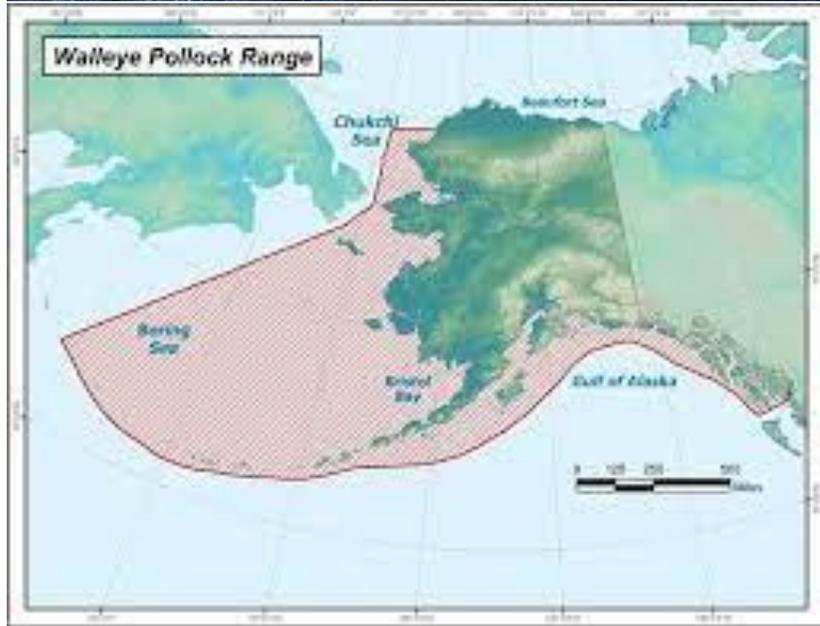
“It contains more lies than a Donald Trump press conference”

Daniel Pauly:

“What Seaspiracy gets wrong about fishing”

Cooperation fishing industry-
NGOs. The way to go?

Thinking ahead. Management complexity: Is there room for private management?



Salmon by-catches in the Alaskan pollock fishery



Thank you