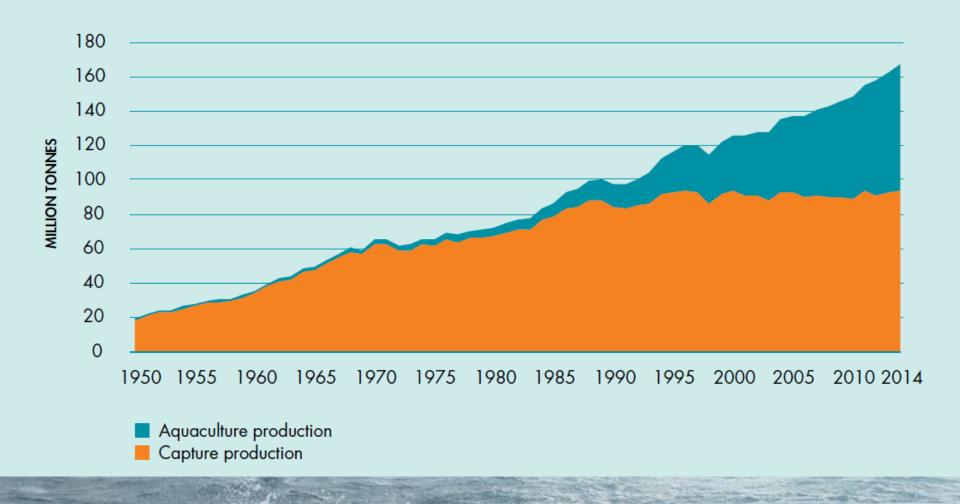


Dave Conley, MSc

AwF - Aquaculture without Frontiers

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WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION



FAO - The State of World Fisheries and Aquaculture 2016

WORLD FISH UTILIZATION AND SUPPLY



FAO - The State of World Fisheries and Aquaculture 2016

WORLD FISHERIES AND AQUACULTURE PRODUCTION AND UTILIZATION

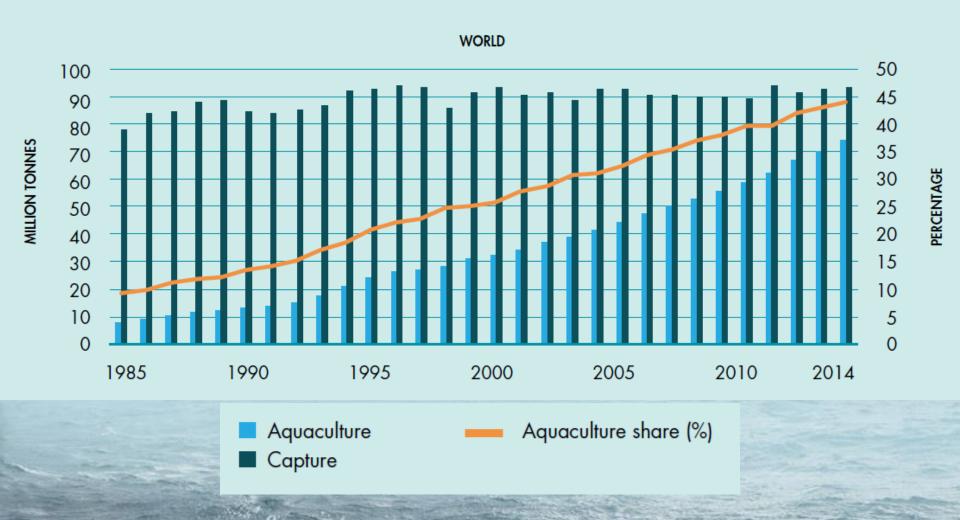
	2009	2010	2011	2012	2013	2014	
		(Million tonnes)					
PRODUCTION							
Capture							
Inland	10.5	11.3	11.1	11.6	11. <i>7</i>	11.9	
Marine	79.7	77.9	82.6	79.7	81.0	81.5	
Total capture	90.2	89.1	93.7	91.3	92.7	93.4	
Aquaculture							
Inland	34.3	36.9	38.6	42.0	44.8	47.1	
Marine	21.4	22.1	23.2	24.4	25.5	26.7	
Total aquaculture	55.7	59.0	61.8	66.5	70.3	73.8	
TOTAL	145.9	148.1	155.5	157.8	162.9	167.2	
UTILIZATION ¹							
Human consumption	123.8	128.1	130.8	136.9	141.5	146.3	
Non-food uses	22.0	20.0	24.7	20.9	21.4	20.9	
Population (billions)	6.8	6.9	7.0	<i>7</i> .1	7.2	7.3	
Per capita food fish supply (kg)	18.1	18.5	18.6	19.3	19.7	20.1	

Note: Excluding aquatic plants. Totals may not match due to rounding.

FAO - The State of World Fisheries and Aquaculture 2016

¹ Data in this section for 2014 are provisional estimates.

SHARE OF AQUACULTURE IN TOTAL PRODUCTION OF AQUATIC ANIMALS



FAO - The State of World Fisheries and Aquaculture 2016

Main Groups of Species Produced

By 2014 – a total of 580 species and/or species groups farmed around the world

These species items include:

- 362 finfishes (including hybrids)
- 104 molluscs
- 62 crustaceans
- 6 frogs & reptiles
- 9 aquatic invertebrates
- 37 aquatic plants

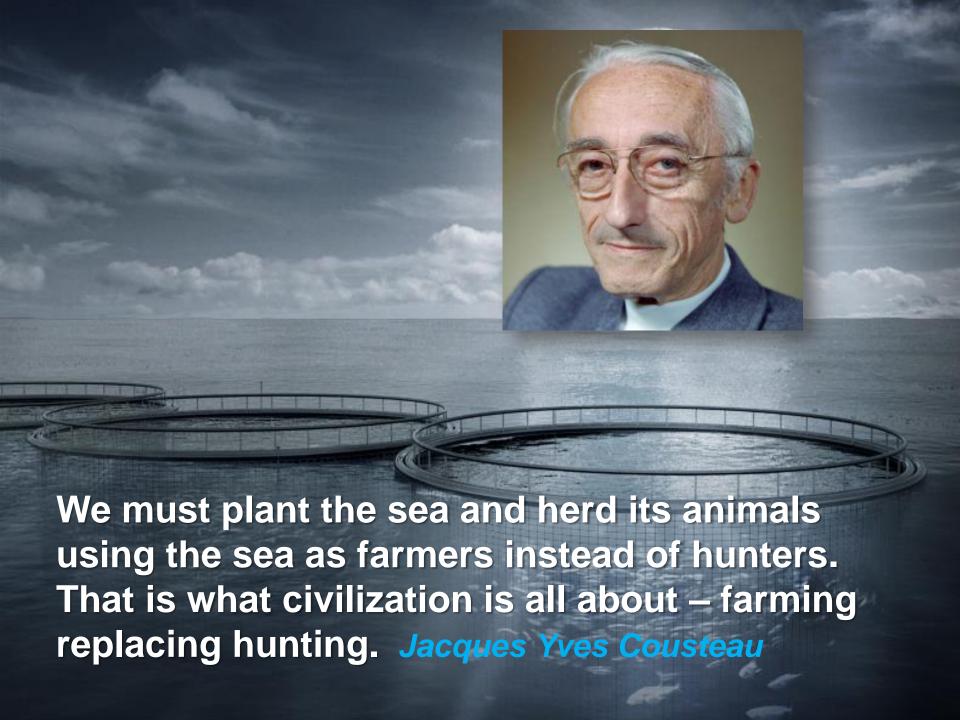
FAO - The State of World Fisheries and Aquaculture 2016

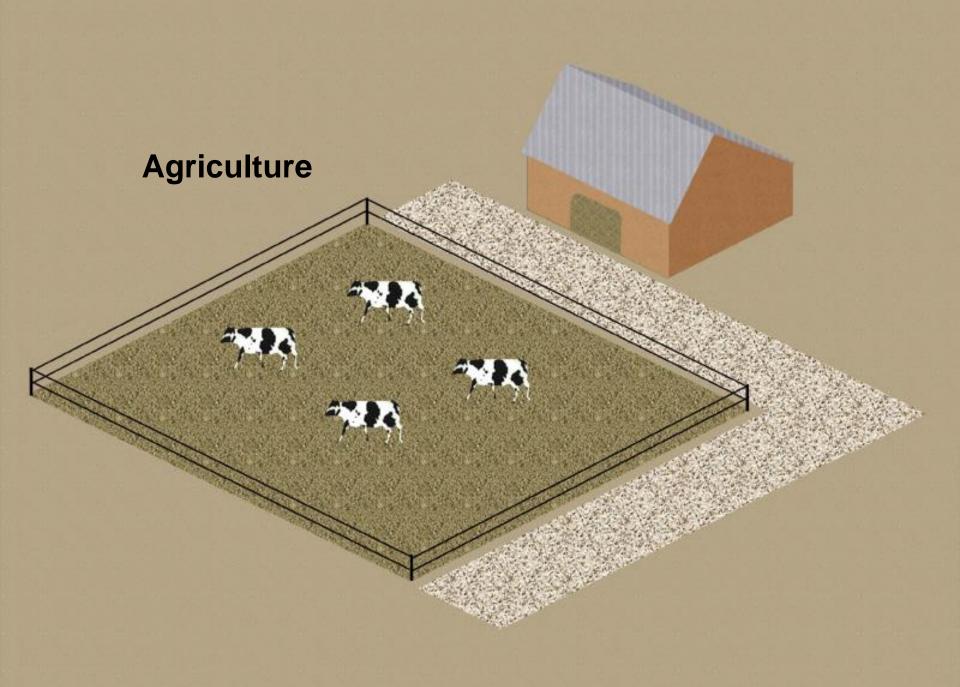
FAO ESTIMATES OF FOOD NEED

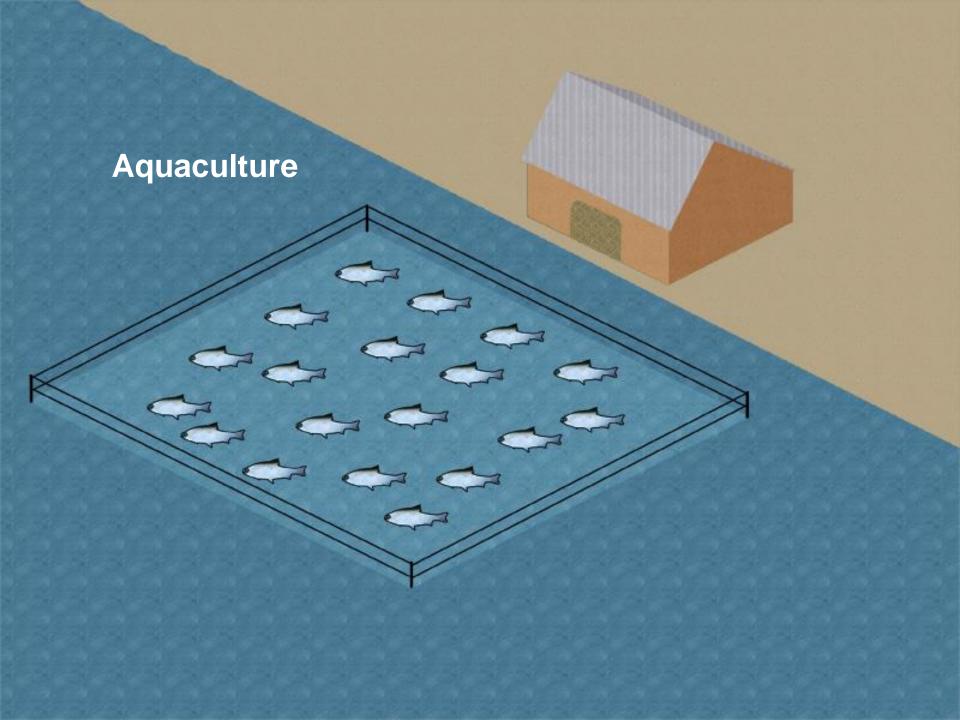


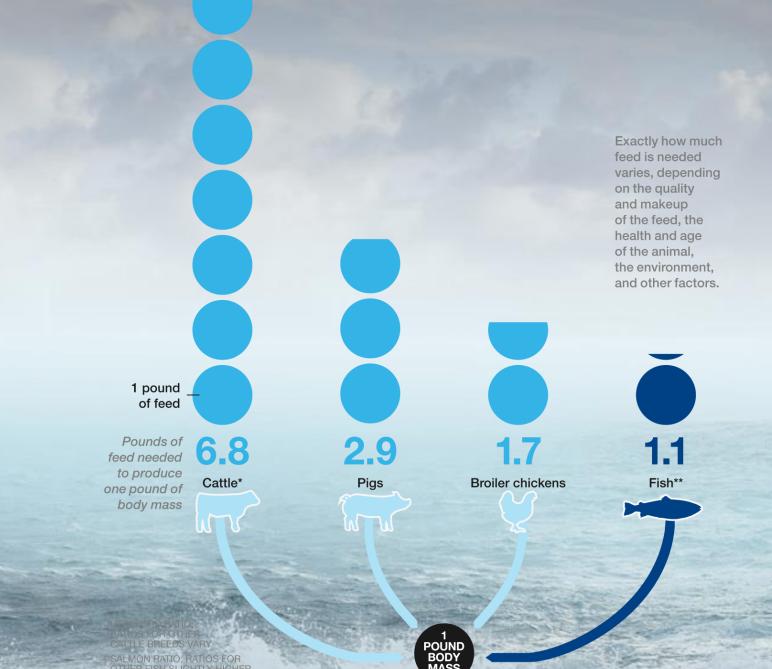
Global Agriculture Towards 2050. FAO (2009)











Founded 2004 by Michael New, OBE





AwF teaches disadvantaged people how to farm fish to feed themselves & their families and to lift themselves out of poverty











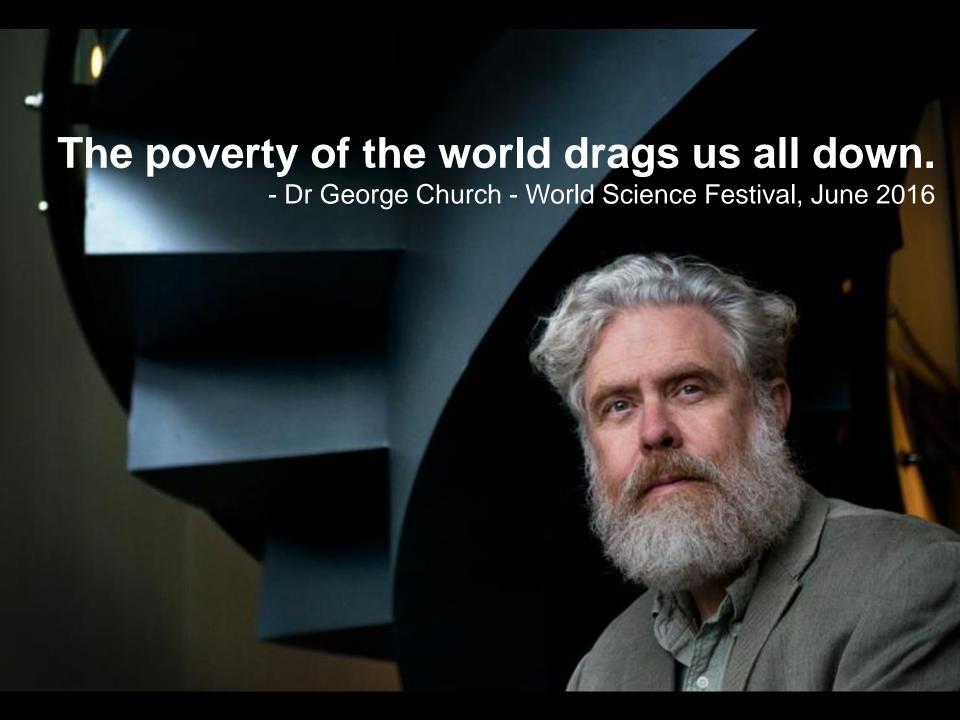




Aquaculture Biotechnology for Poverty Alleviation

Desireables

- √ faster growth rate
- √ better feed utilization
- √ better disease resistance
- √ low oxygen tolerance
- √ high temperature tolerance
- √ poor water quality tolerance
- √ high omega-3 content
- ✓ enhanced vitamin & nutrient profiles
- ✓ slower decomposition longer shelf life





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Questions?

