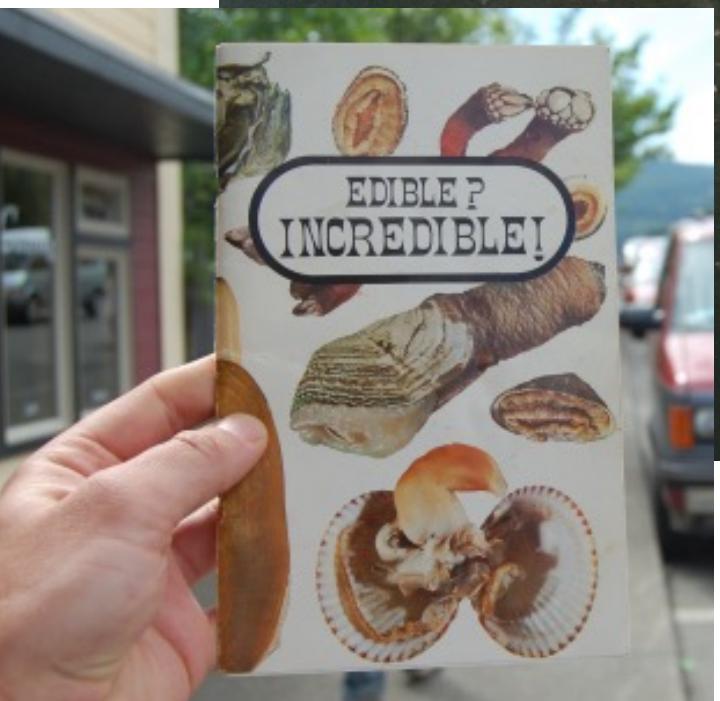


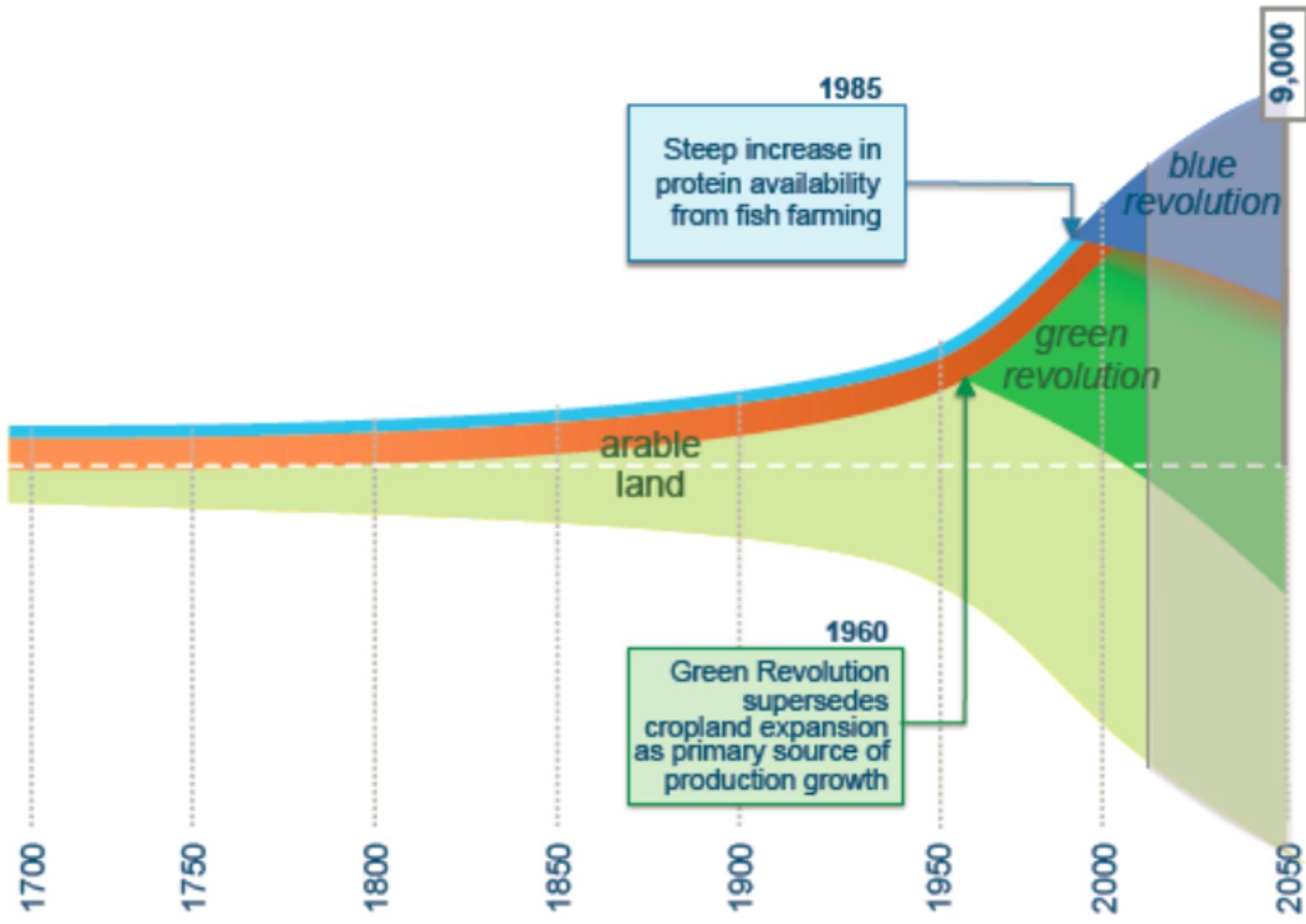
Eiwit uit zee

Dr. ir. Tammo Bult,
Director Wageningen Marine Research





Global population & sources of agricultural production



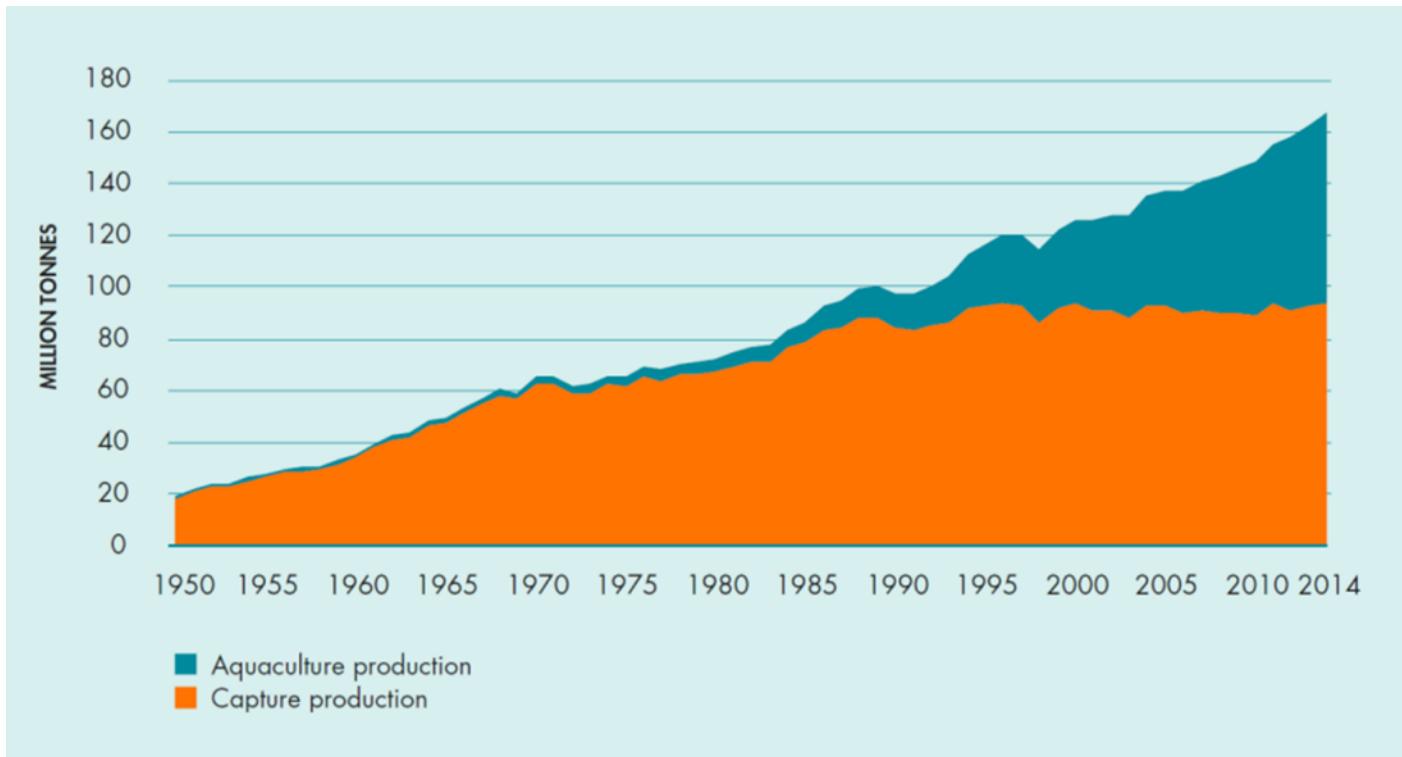
adapted from Land Commodities Asset Management AG (2009) with data from FAOstat, NEAA & UNPD

“ When we think about threats to the environment, we tend to picture cars and smokestacks, not dinner. But the truth is, our need for food poses one of the biggest dangers to the planet. **”**

Richardson (2014)

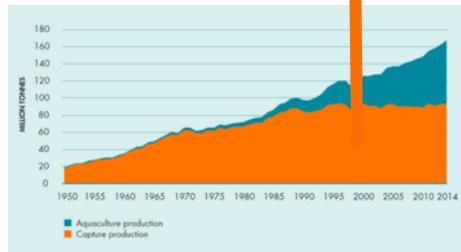
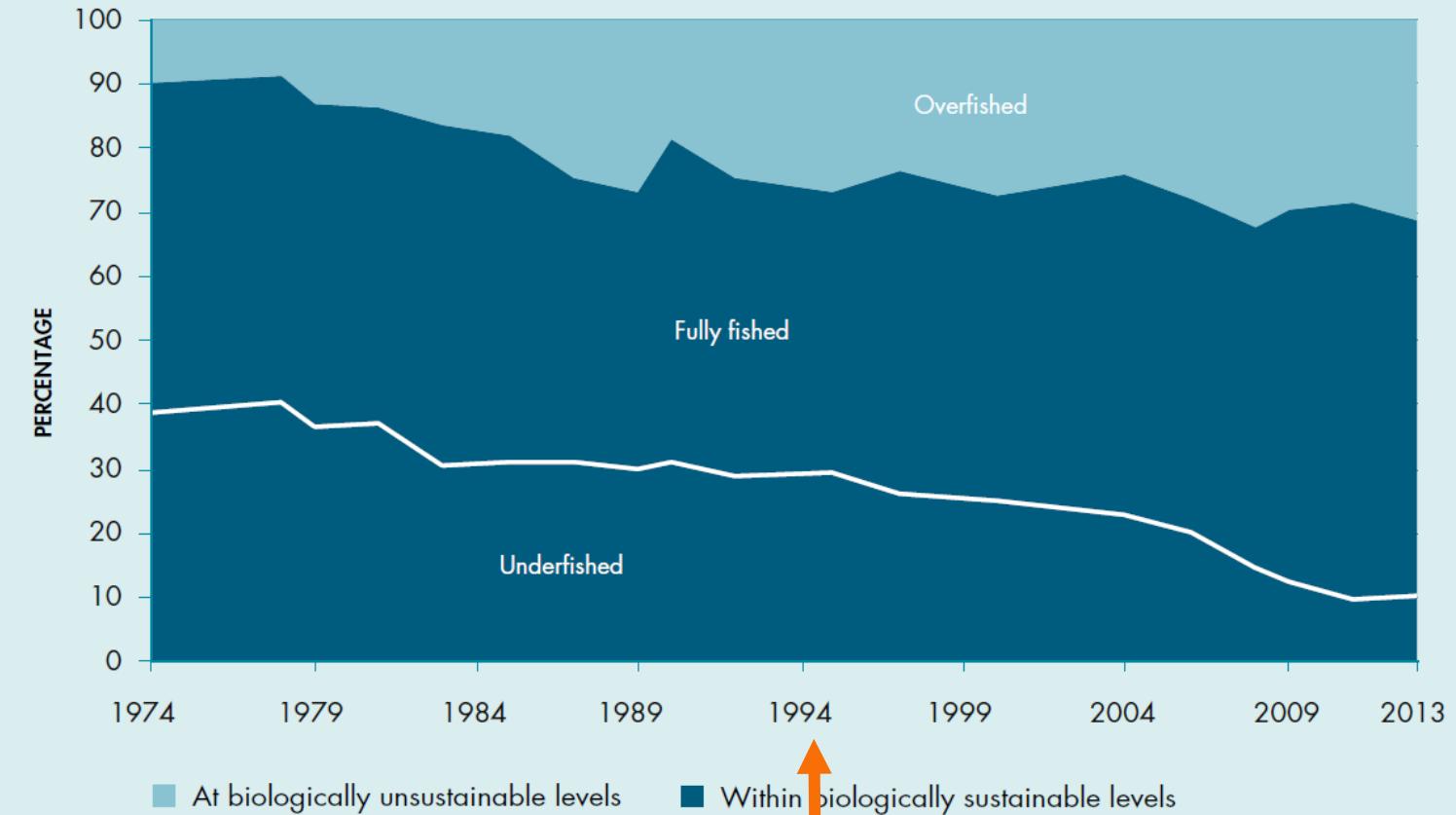
Jaarlijkse Visconsumptie neemt toe

- Per persoon: verdubbeling afgelopen 30 jaar
 - Van 11 (1984) naar 20 kilo (2014)
- Totaal: meer dan 250 miljoen ton in 2030



Onvermogen visserij beter te beheren?

GLOBAL TRENDS IN THE STATE OF WORLD MARINE FISH STOCKS SINCE 1974



Options for Ocean production

- Fisheries
- Sea ranching
- Mariculture
- Building with Nature

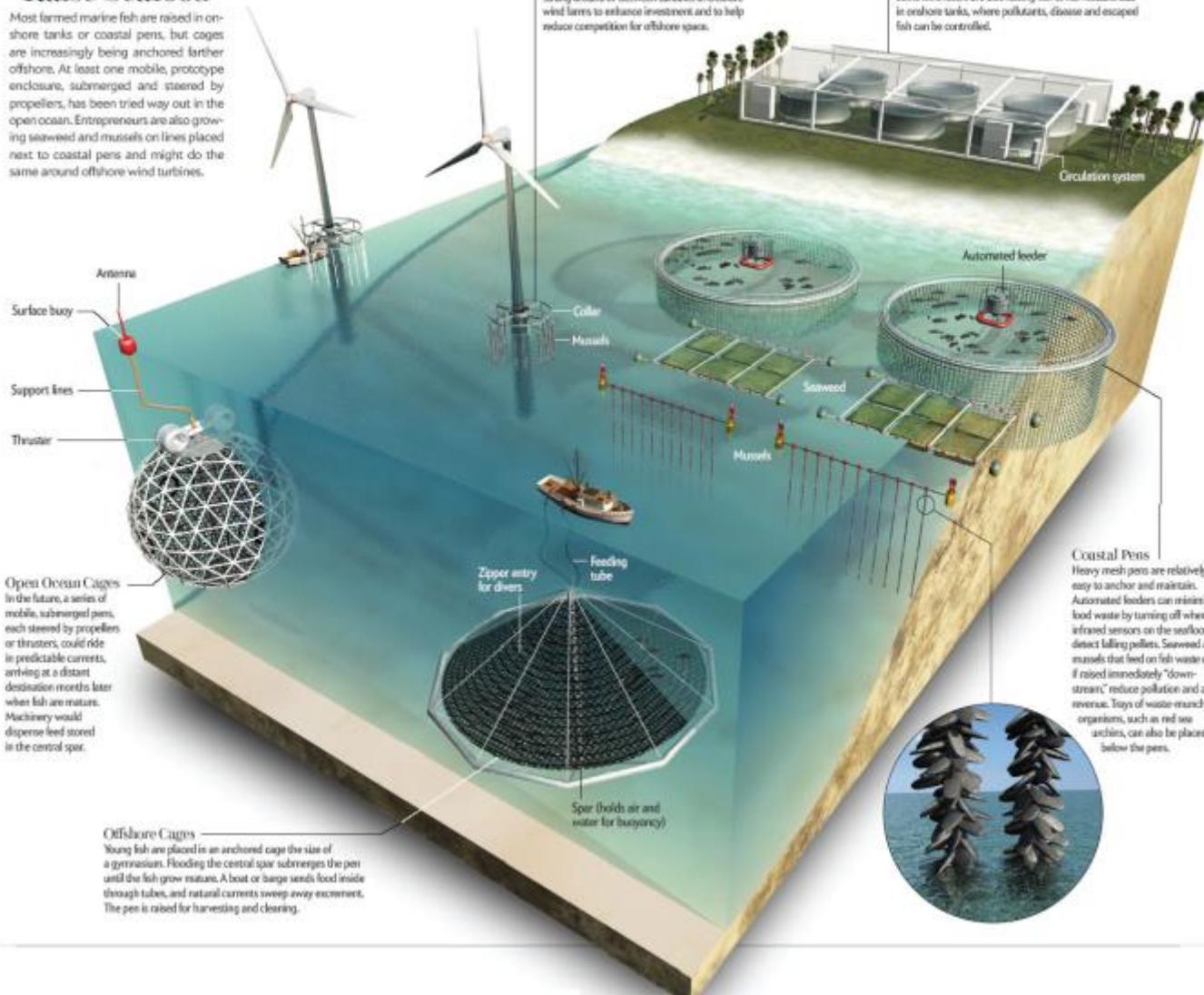


Blue Growth

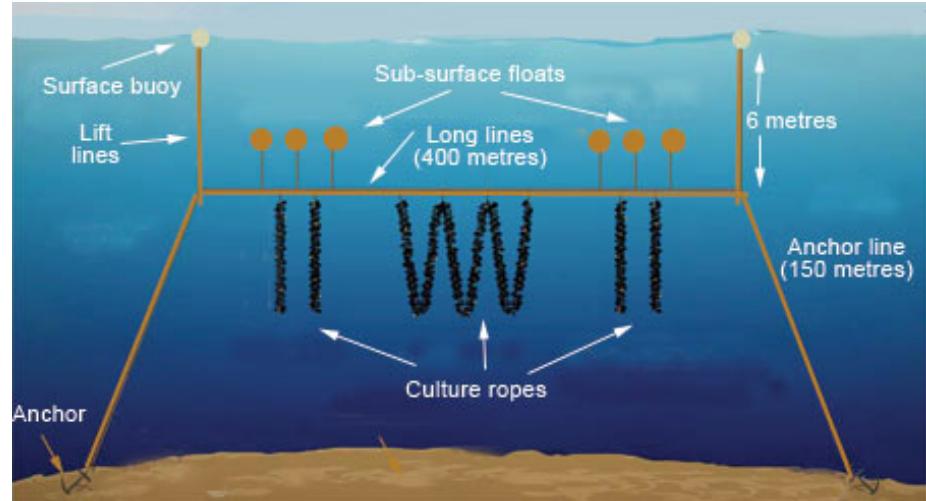
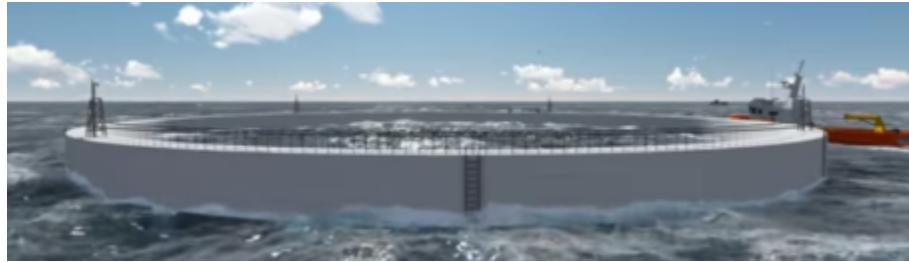
HOW IT WORKS

Five Ways to Raise Seafood

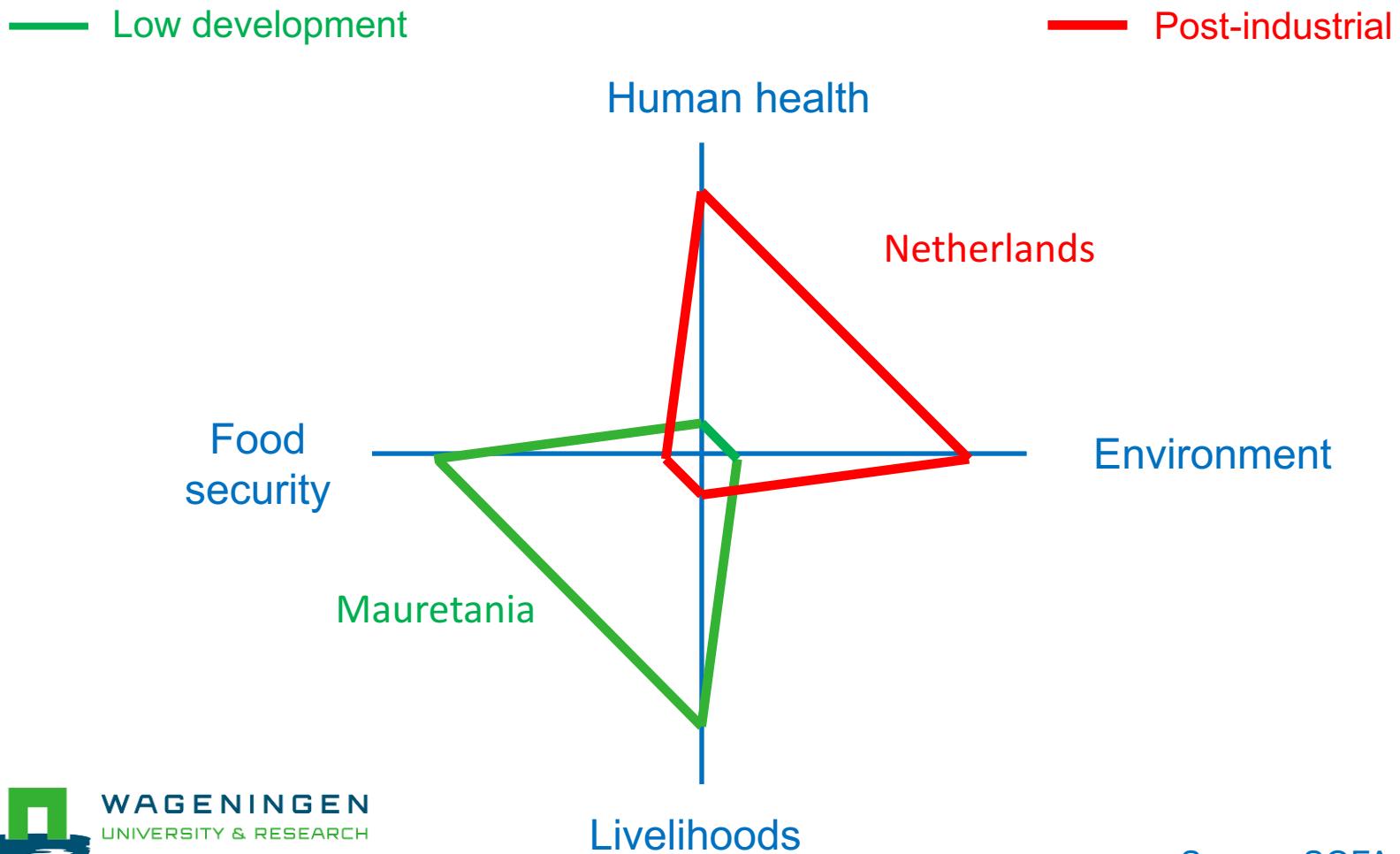
Most farmed marine fish are raised in on-shore tanks or coastal pens, but cages are increasingly being anchored farther offshore. At least one mobile, prototype enclosure, submerged and steered by propellers, has been tried way out in the open ocean. Entrepreneurs are also growing seaweed and mussels on lines placed next to coastal pens and might do the same around offshore wind turbines.



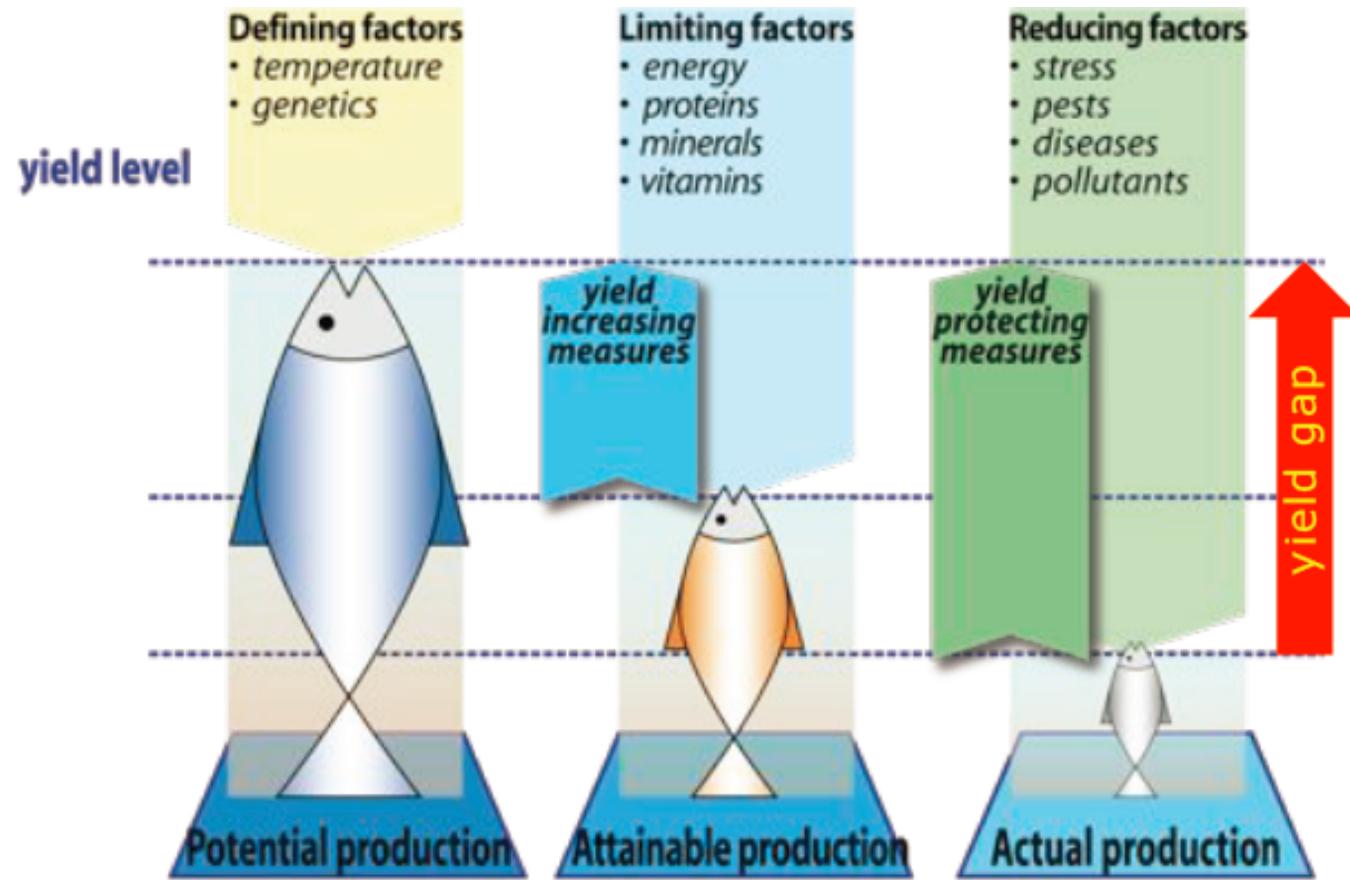
Technical innovations



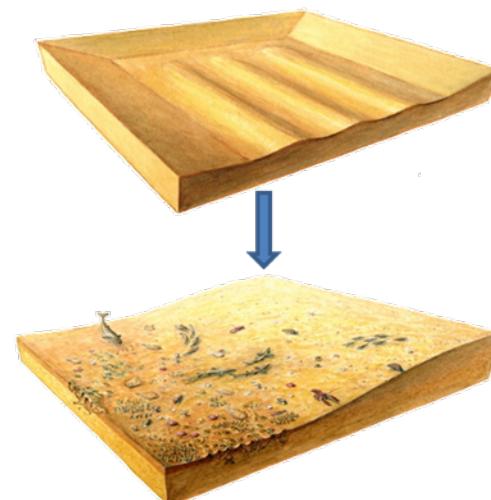
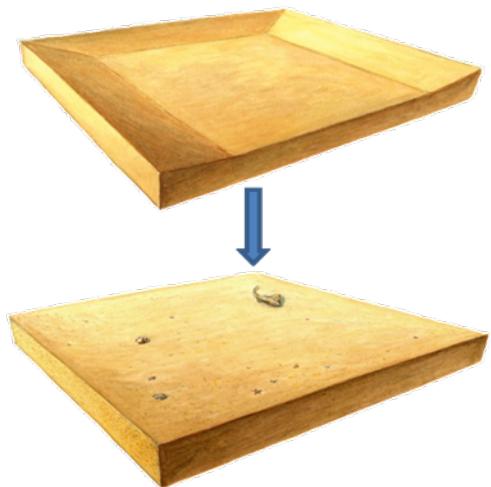
Exploring the options. A shared interest with different priorities



The yield gap analysis



Kustinrichting



Medegebruik



Blue Revolution – gratis boekje!

More information at

www.wur.eu/foodfromwater

