

Korte historiek en situering van de aquacultuur

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"Perspectieven en Beperkingen van Aquacultuur aan onze Kust"

Oostende, 13 september 2007

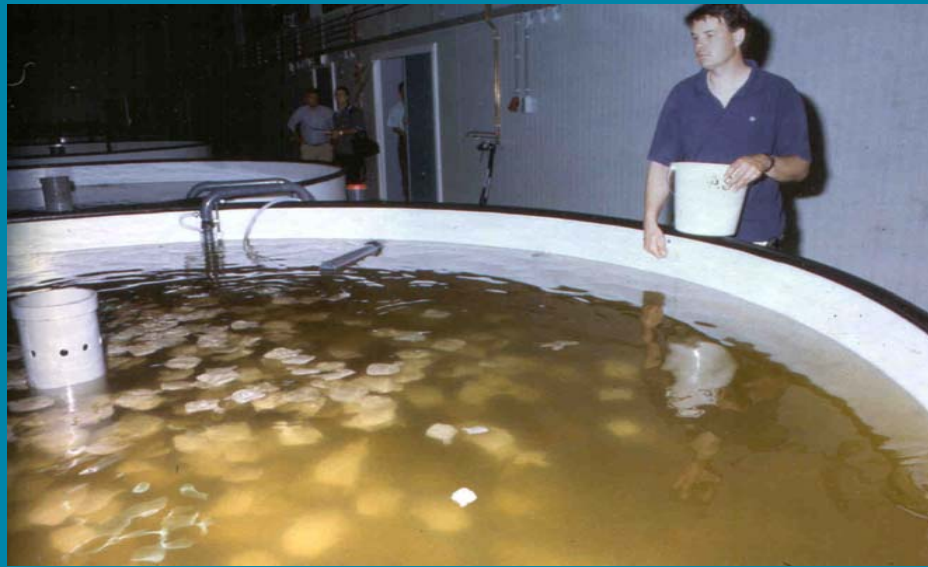


Eating seafood is beneficial to consumer's health

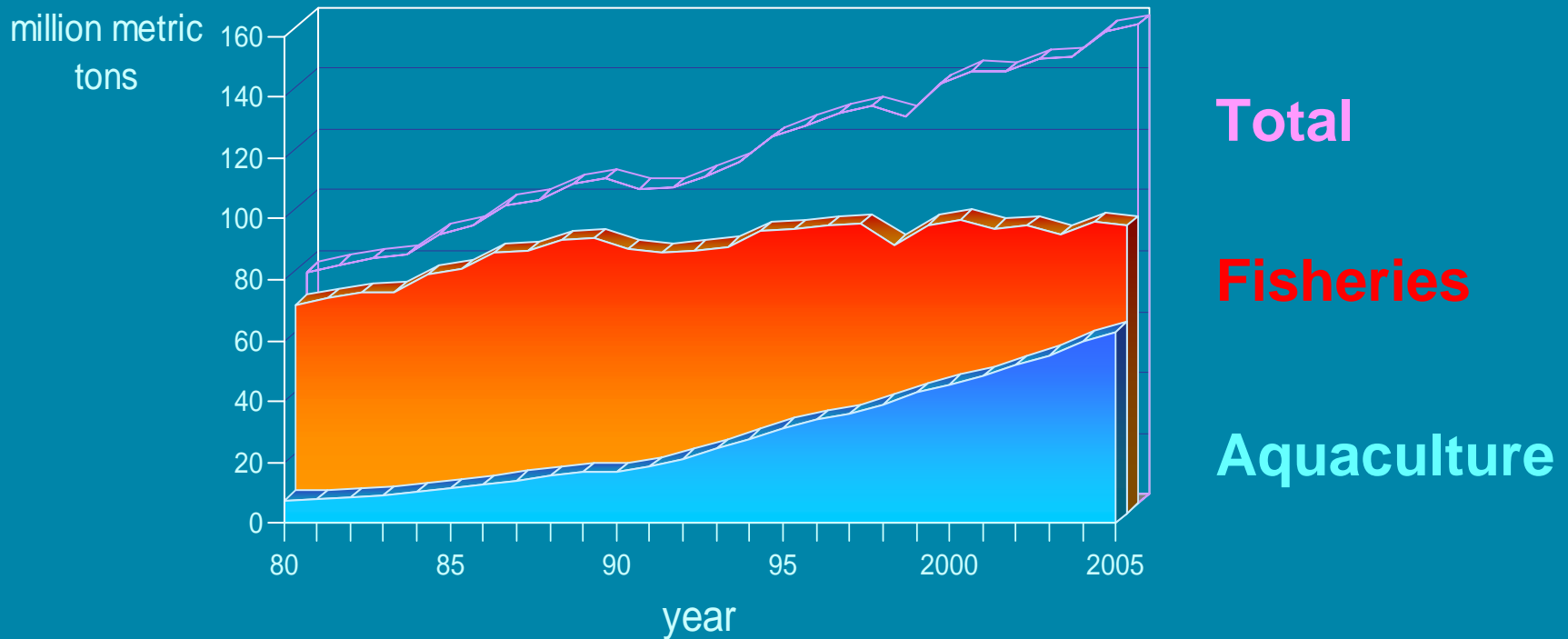








World fisheries & aquaculture production



FAO, 2006

2005: 63 million tons

78 billion US \$





fish 30 mT (55% in value)

crustaceans 4 mT (20% in value)

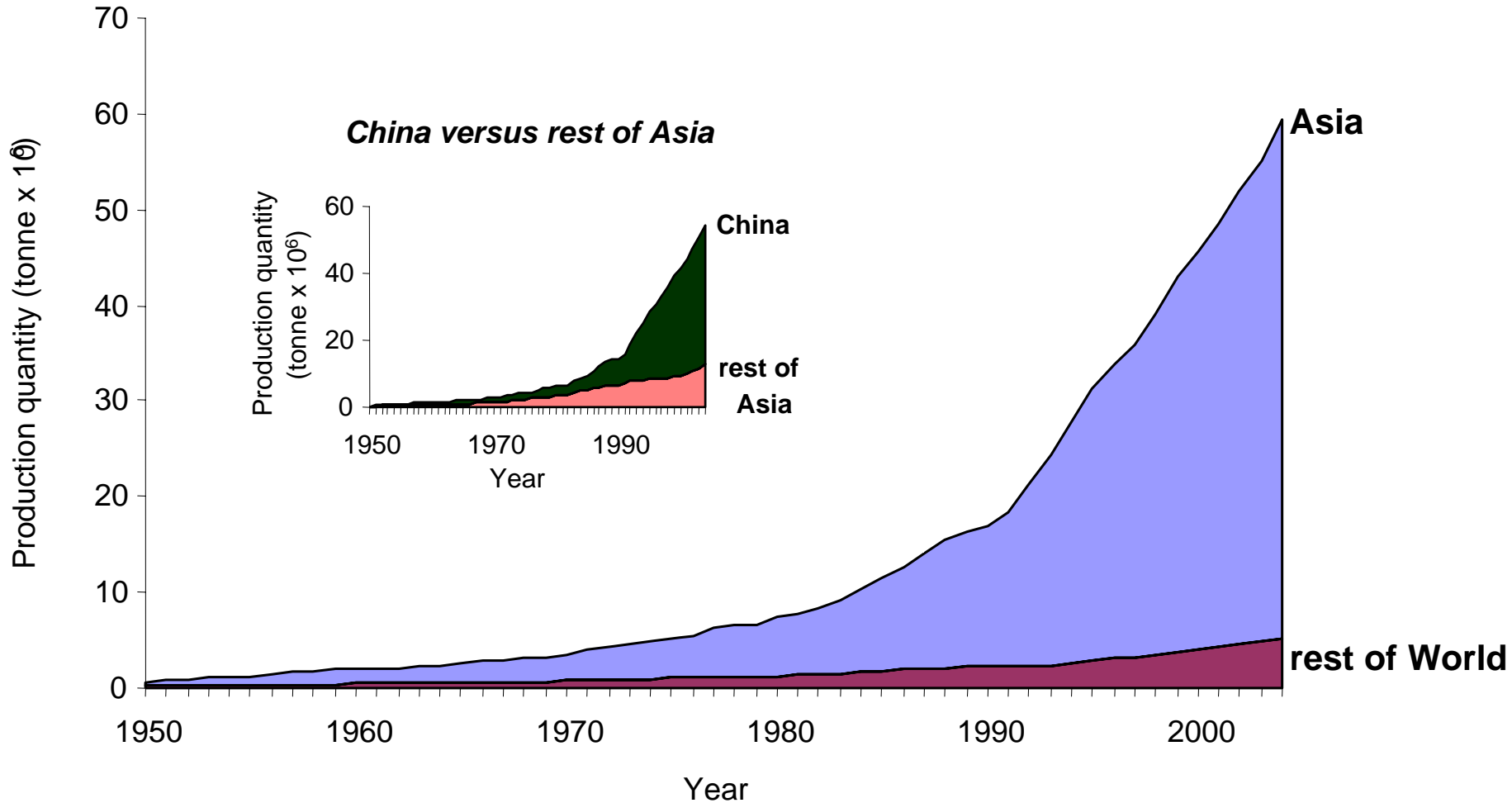


molluscs 14 mT (15 % in value)

seaweeds 14 mT (10% in value)



World Aquaculture Production



Pangasius farming in Vietnam



Floating cages:	100-150 fish/ m³	100-120 kg/m³
Pond :	60- 80 fish/ m²	250-300 MT/ha
Net-pen enclosure:	80 - 120 fish/m²	300-350 MT/ha



Pangasius farming in Vietnam

surface area

production yield

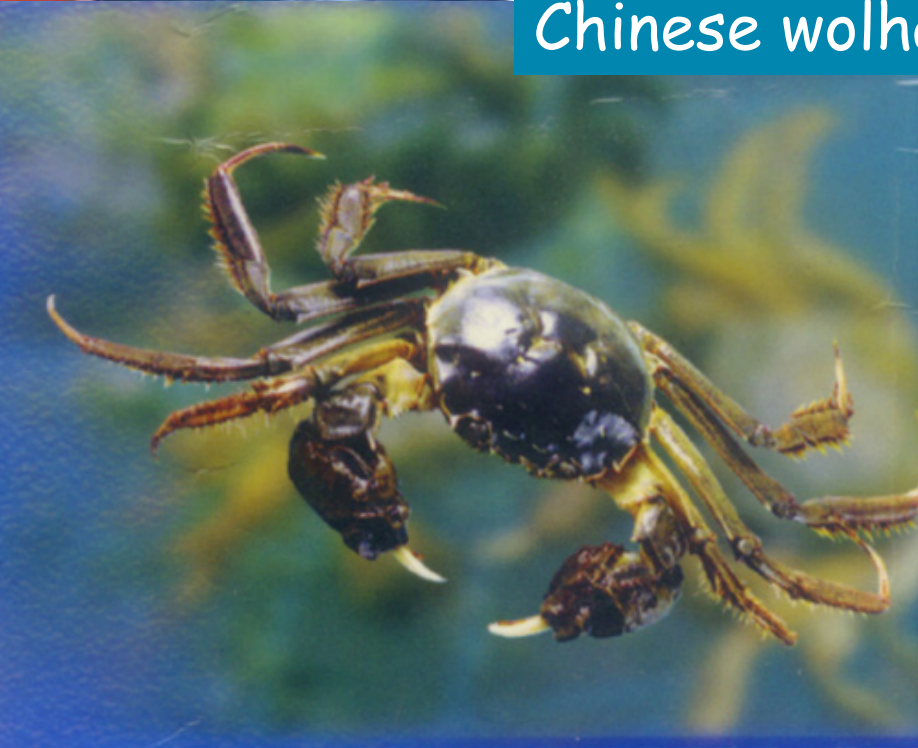


Pangasius farming in Vietnam



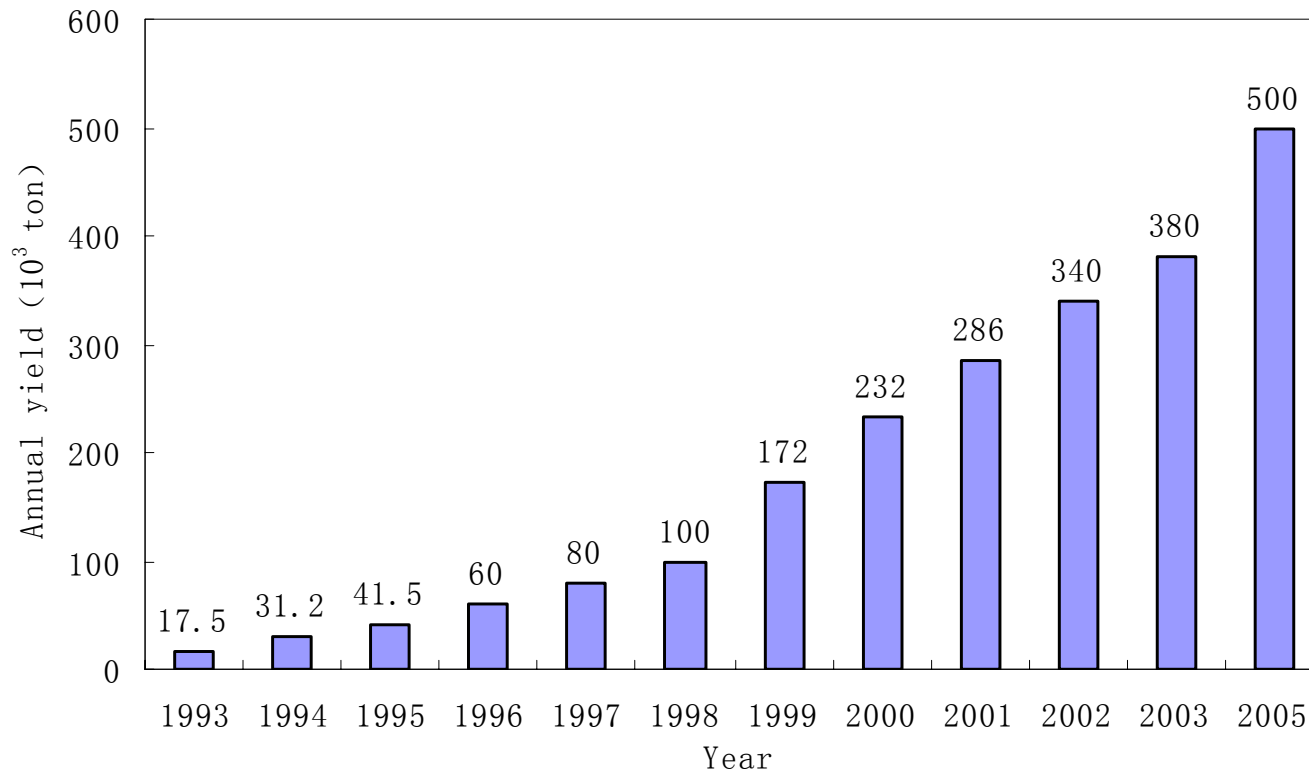


Chinese wolhand krab - Chinese mitten crab



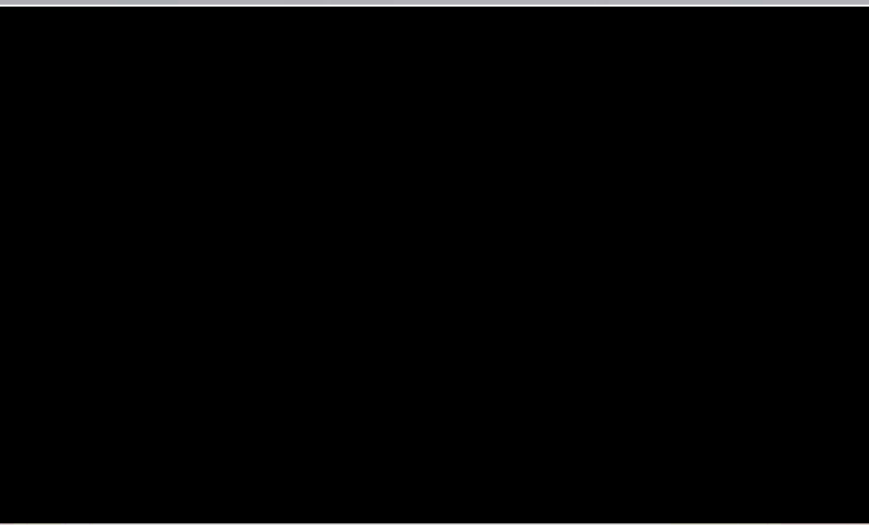
Annual aquaculture yield of mitten crab

Eriocheir sinensis in China



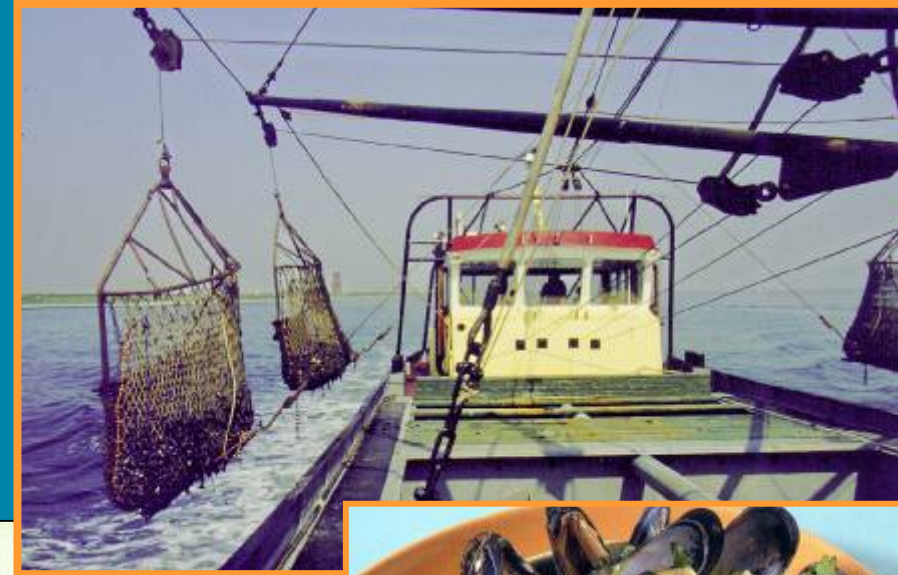
Integrated farming of marine fish (cage),
seaweeds (black buoys)
and molluscs (white buoys)





Aquaculture has a long history in Europe

The Greek and Roman invented primitive pond storage of oysters



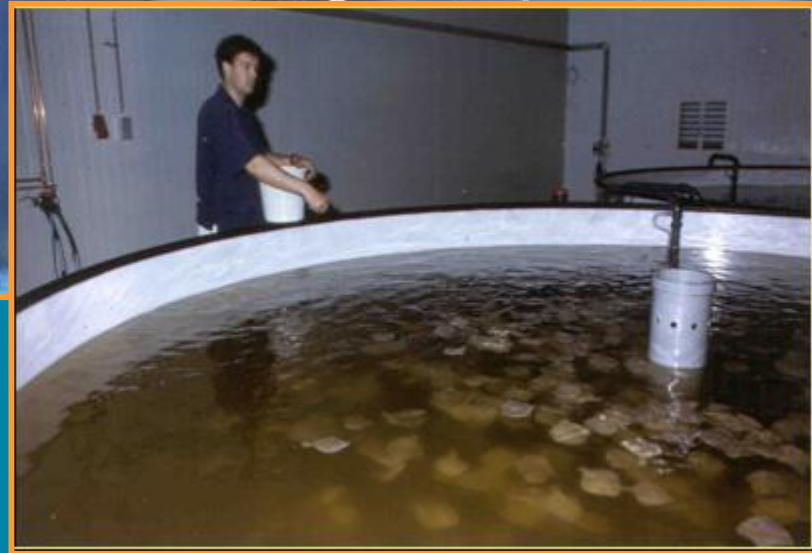
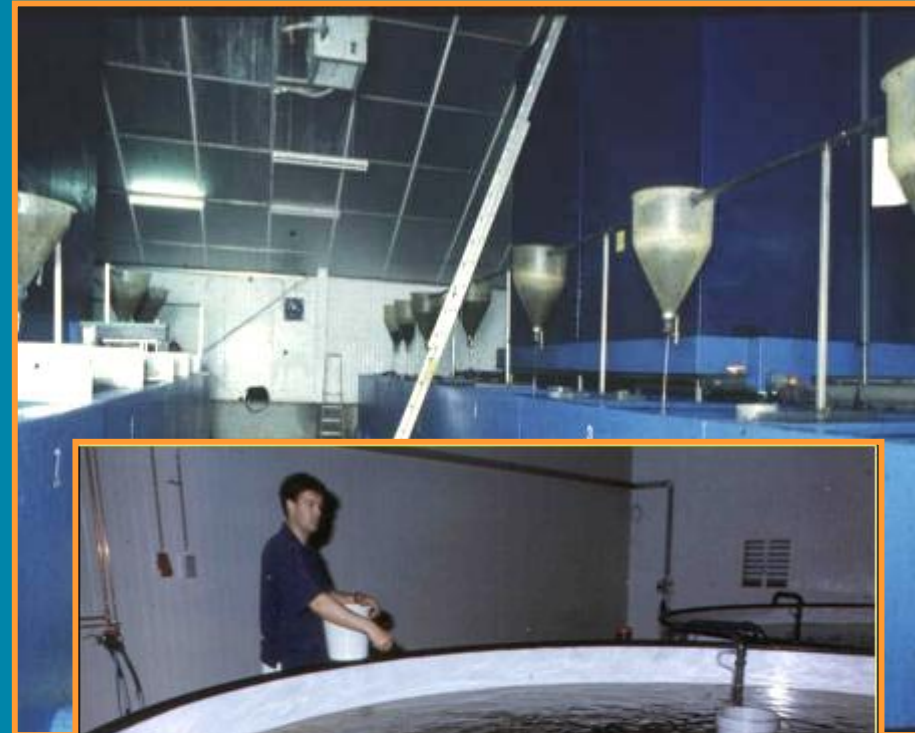
and Europe still is an important producer of shellfish (oysters and mussels)...



Europe : technology leader in aquaculture



reproduction and growing
of larvae on-land

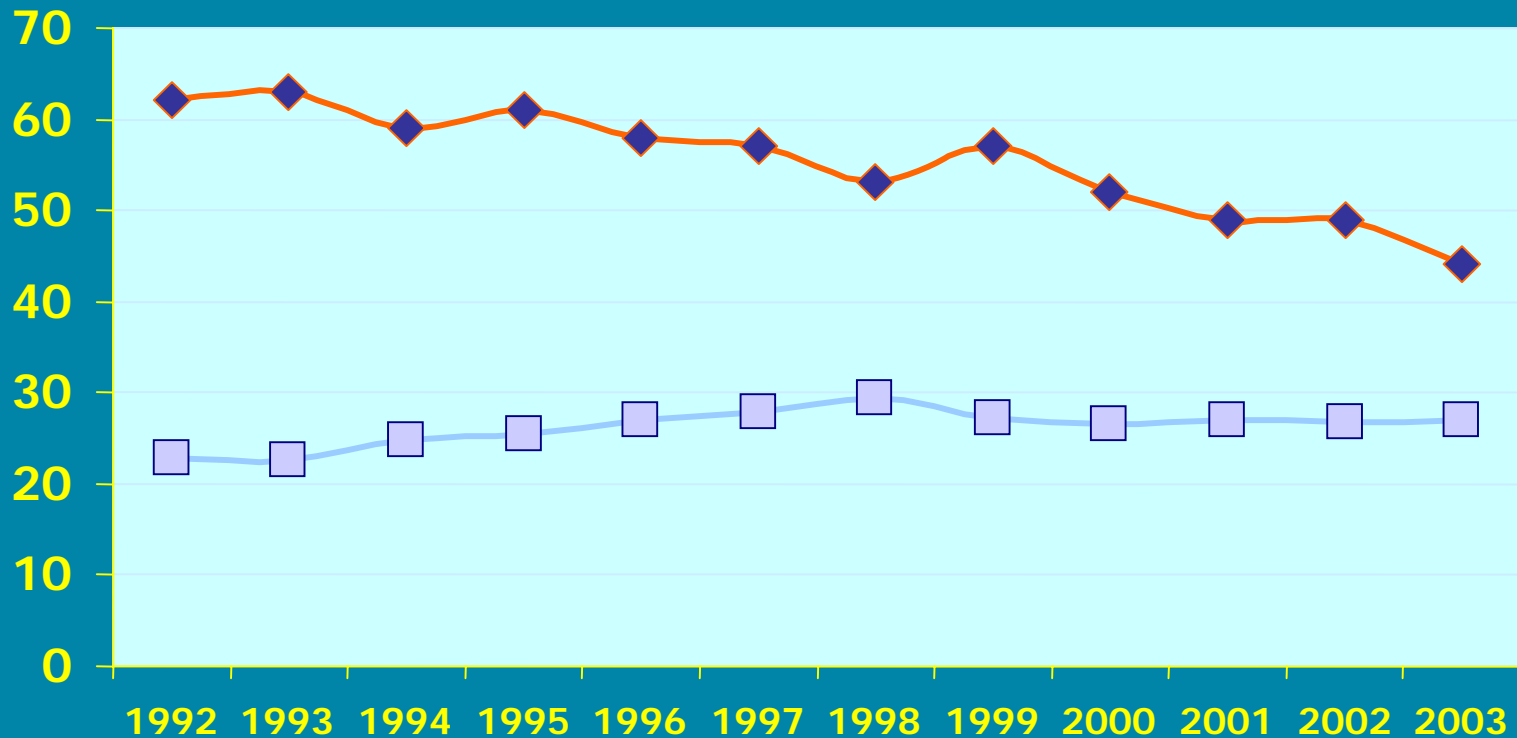


farming in recirculation systems



but.. it doesn't suffice to supply the demand in Europe

—◆— % self-sufficiency —■— consumption (kg)

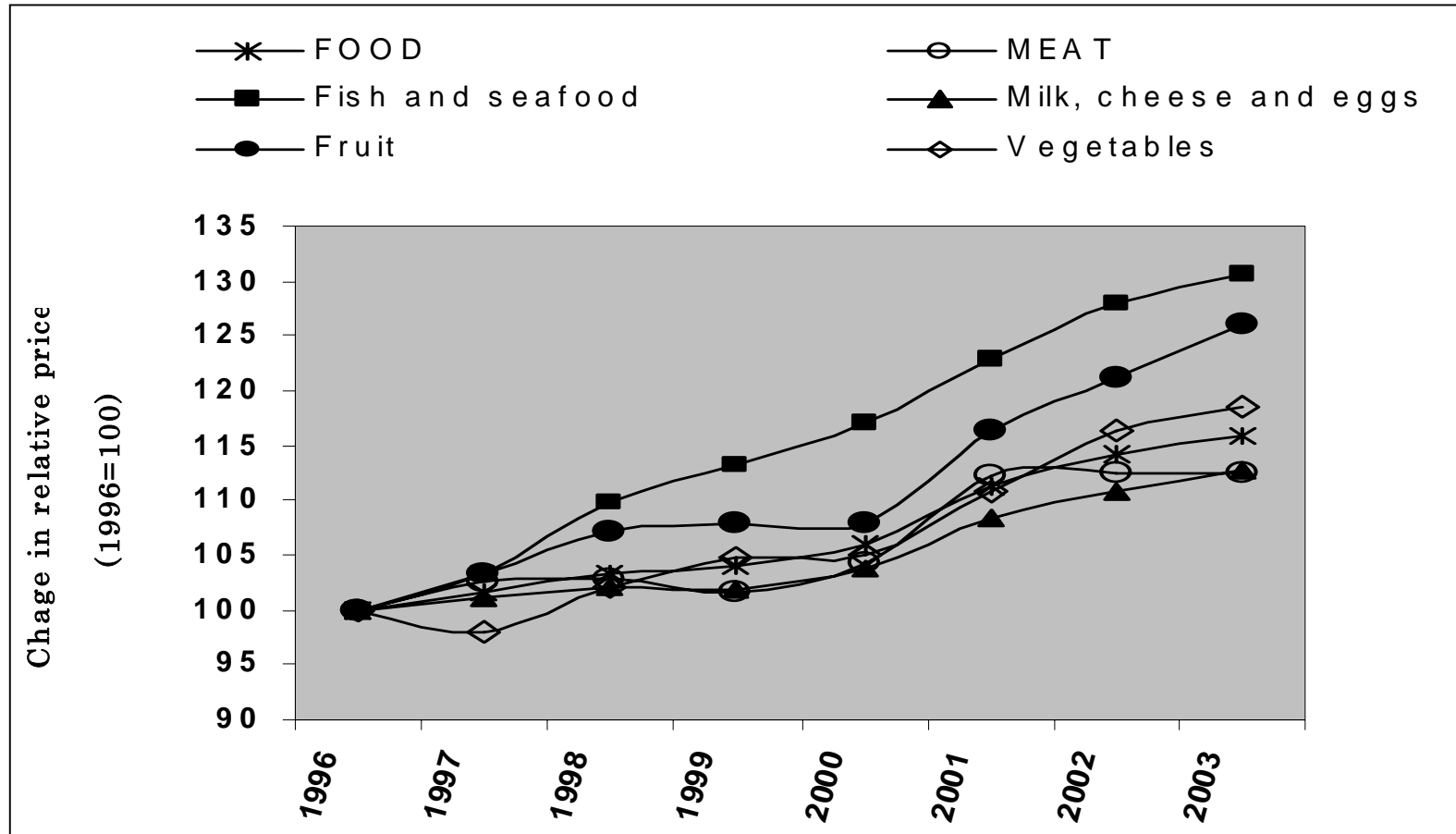


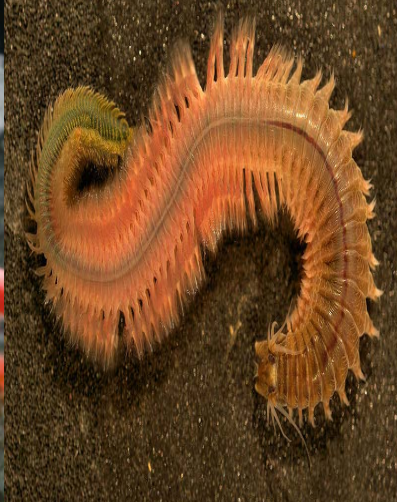
Courtesy: Hough, FEAP - 2003



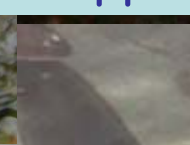
% change in value of food products in W. Europe

Source: Eurostat





Wat zijn de opportuniteiten voor onze kust ???



www.aquaculture.UGent.be