

RESOURCES OF THE SEA

FISHERIES & AQUACULTURE



Quality and size of catch declined over years since 1900

The sea supplies a major protein demand for human consumption. Annual catch steadily declines; one-third of today's 90 million tons is discarded or illegally caught. Destructive methods are widespread, trapping and trawling or catching of aquarium fish, European import valued at 16 mill €, destroy natural habitats. Aquaculture is threatened by food shortage and adverse impacts on environment. Where these traditional approaches have failed a new ecosystem approach helps restore biological capacities

Aquarium fish trade

Science ensures healthy and contaminant-free fish and shellfish at your table



RESEARCH NEEDS

- ▶ to raise survival rate
- ▶ to optimize growth
- ▶ to build up life food supply
- ▶ to improve conditions for spawning & egg maturation
- ▶ to preserve diversity



Clown fish

Octopus



Sprat