



World Organisation
for Animal Health



Training of National Focal Points for Aquatic Animal Health (Cycle IV)

2 - 4 October 2023 Kigali, Rwanda





Disease reporting trends since the Dar-es-Salaam training (cycle III) 2018

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Population

113 million
inhabitants.



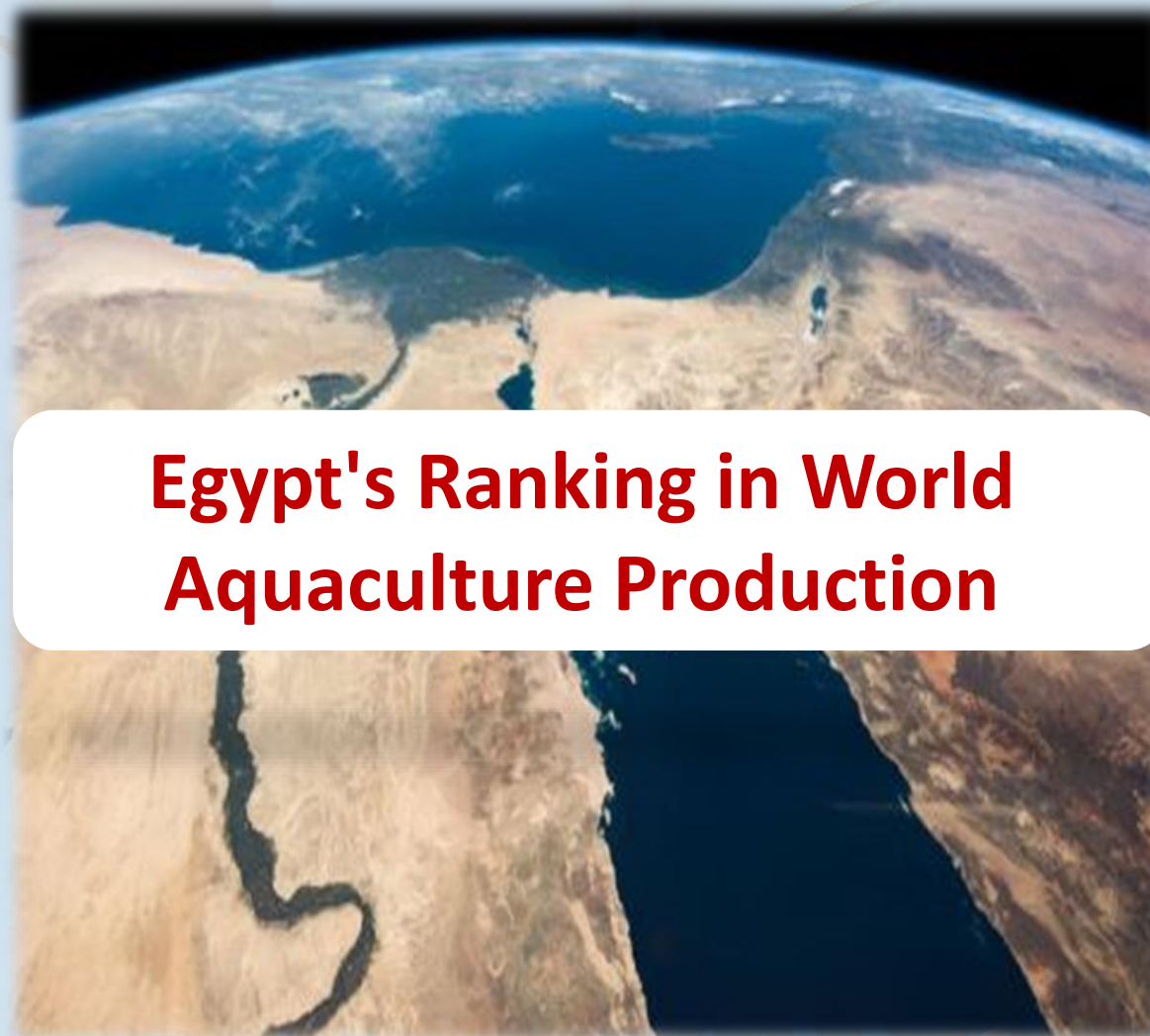
The **14th**-most
populated
country in the
world.

1ST

**Aquaculture
production in
Africa**

9th

**Crustacean
production**



Egypt's Ranking in World Aquaculture Production

6th

**Fin Fish
production**

10th

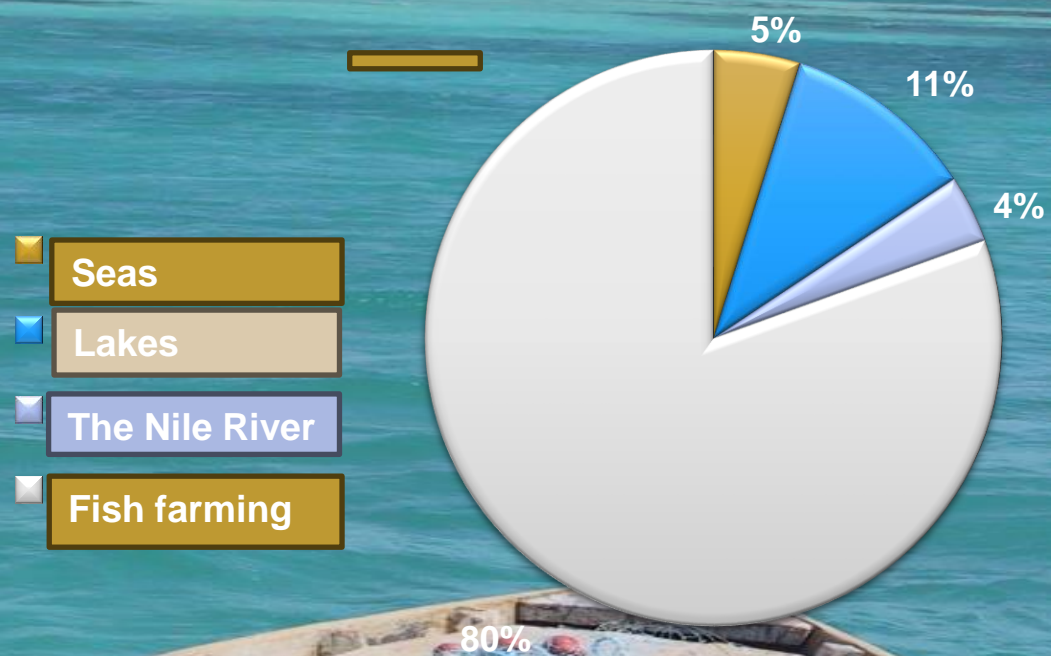
**Inland Fish
production in
world**



Aquaculture in Egypt

Fish production in Egypt

The production of fish in the Arab Republic of Egypt in 2021 reached (2 million tons)



Natural fisheries 400 thousand tons (20%).
Fish farming 1.6 million tons (80%) worth 62 billion pounds

*Imported fish 400 thousand tons

*Exported fish 30 thousand tons

*Per capita local production 20 kg / year

*Global per capita 20.5 kg/year

Central Agency for Public Mobilization and Statistics



Fish wealth in Egypt

First: Natural fisheries

Lakes

- 1- Northern Lakes
- 2- Inland lakes
- 3- Coastal depressions

Seas

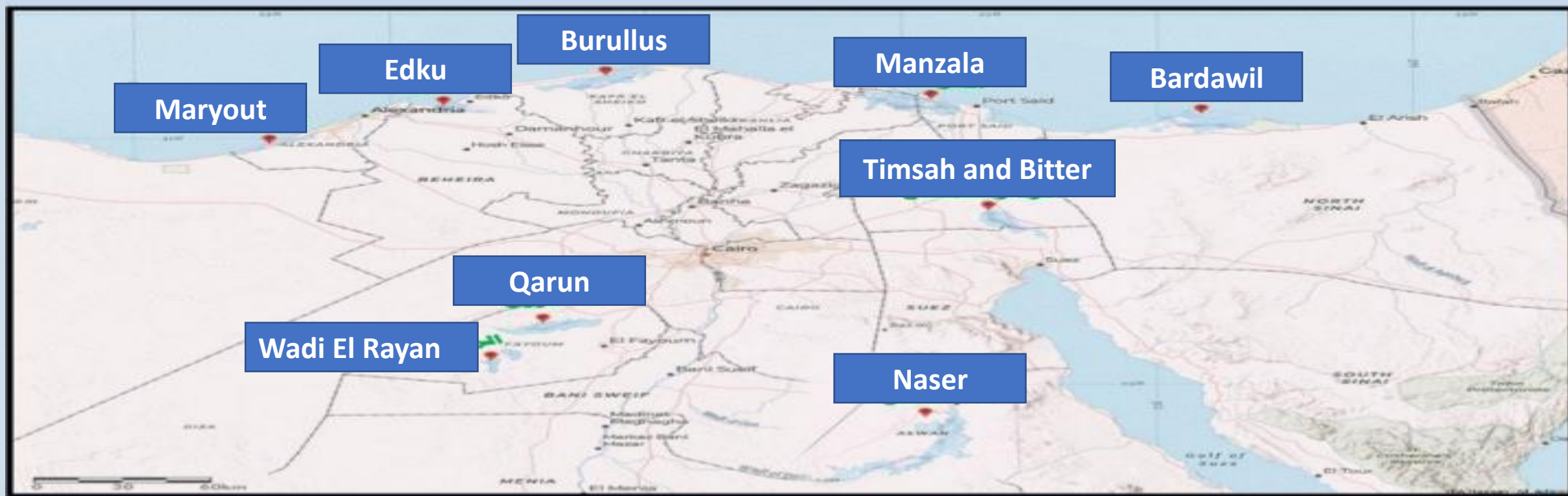
- 1-The Mediterranean sea
- 2-The Red Sea

The Nile River

Second: Fish farming



Egyptian Lakes

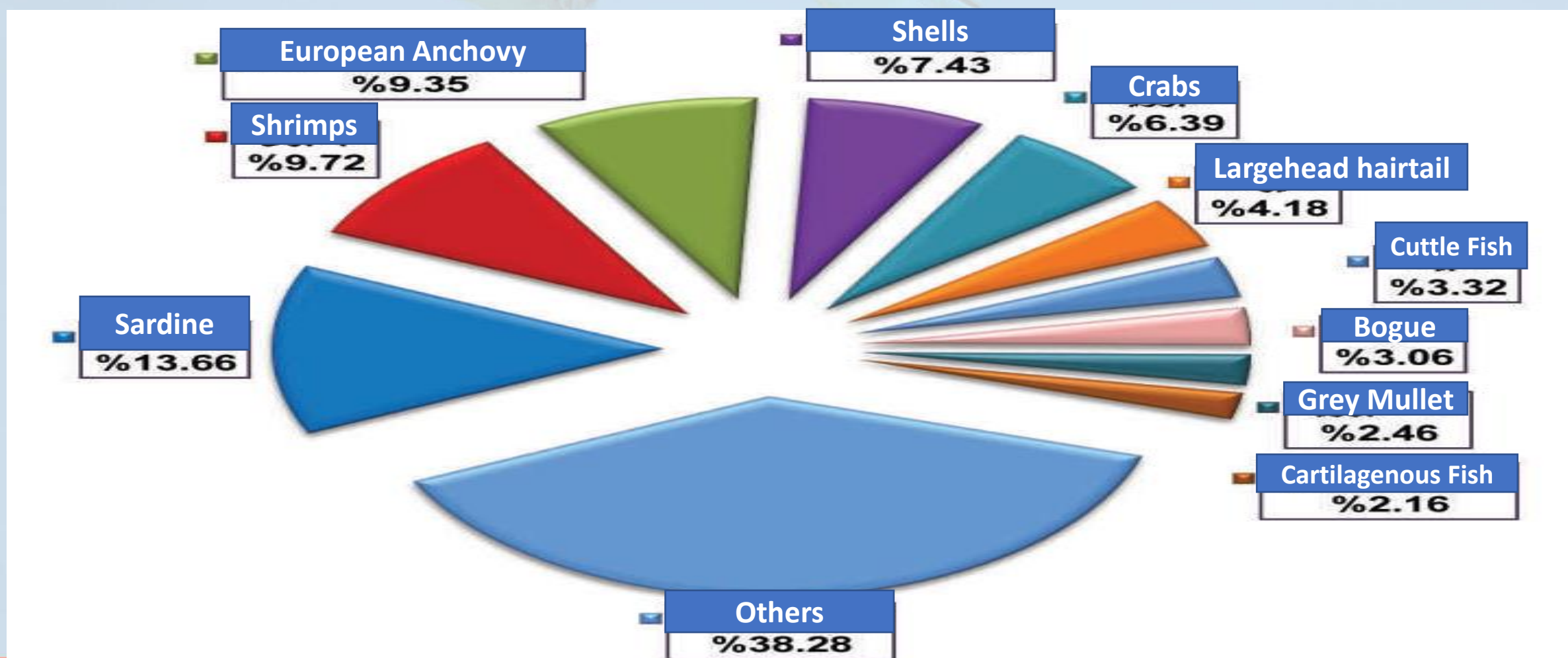


Most important varieties of the Egyptian lakes

- Sea Bream
- Cuttle Fish
- Sole
- Eels
- Cat fish
- Meagre
- Tilapia
- Grey Mullet
- Catfish
- Grass Carp
- Sea Bass
- Sardine
- crabs
- Nile perch
- Shells

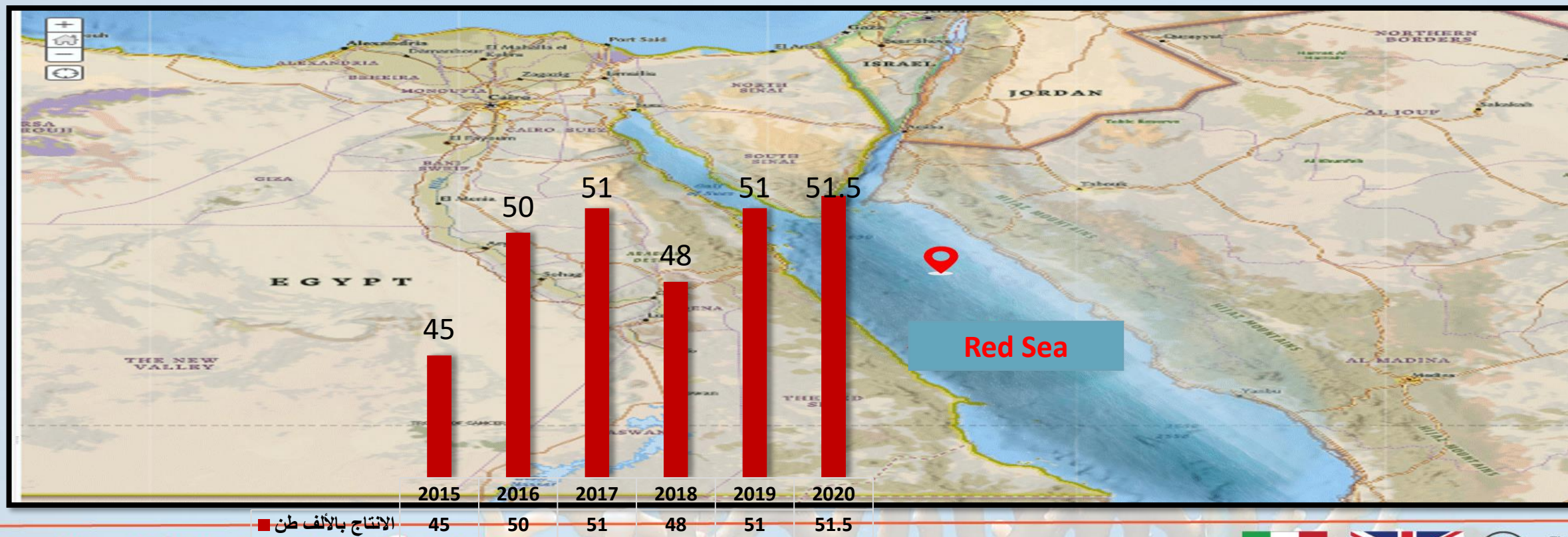


Most important Mediterranean Fish Varieties



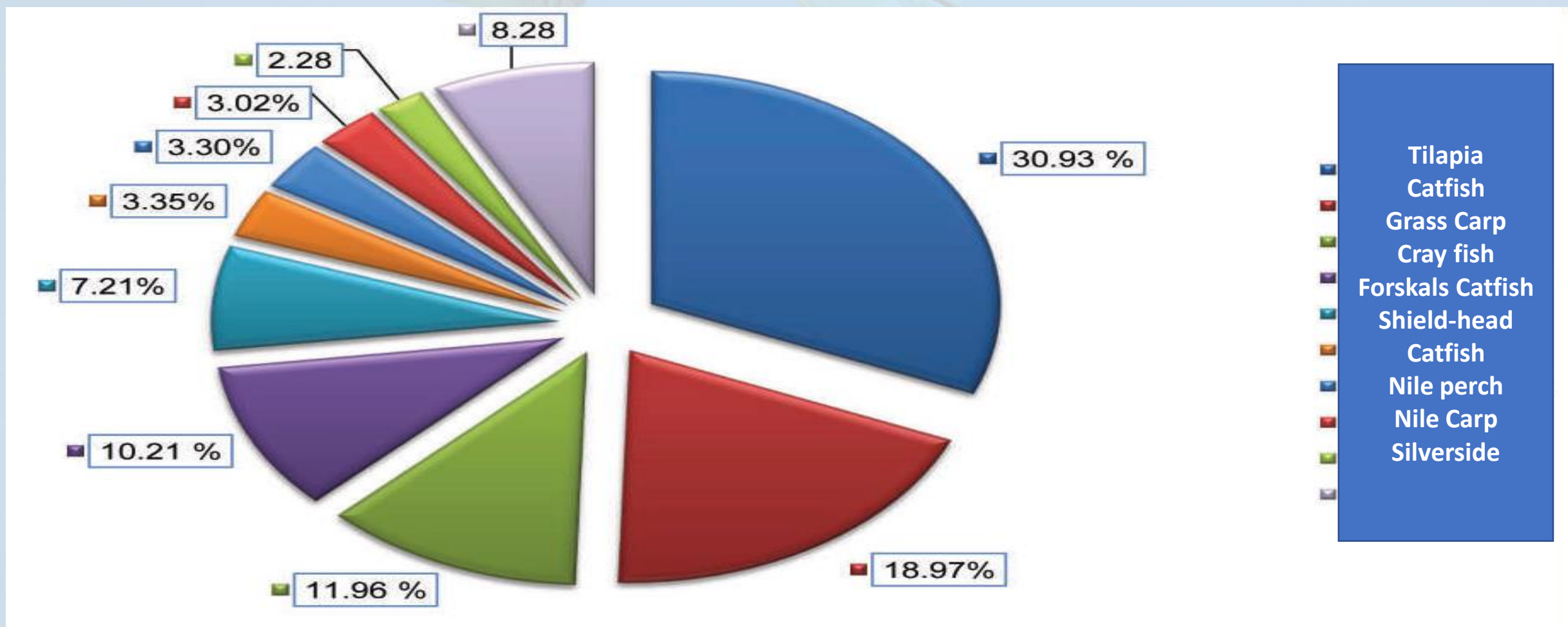
Red Sea

- Number of fishermen 24,821 fishermen
- Number of fishing licenses 1950 boats
- The most important fish: sardines – Horse Mackerel – Lizard fish – Japanese threadfin Bream - European Anchovy – Indian Mackerel



■ الانتاج بالآلف طن

Most important varieties of the Nile River





National projects in Egypt

Al-Fayrouz fish farming project

- The largest fish farming farm in the Middle East”
- The project is built on an area of approximately 26 thousand acres .
- It includes a feed factory with a production capacity of 150,000 tons annually , analysis and research laboratories, and a training center.



- consists of fish farms with a total of 5908 fish farming basins, the area of the basin is 1.75 acres, with a production capacity of more than 13 thousand tons per year fish(seabream , sea bass , Meagre, Grey Mullet, Crabs and shrimp .

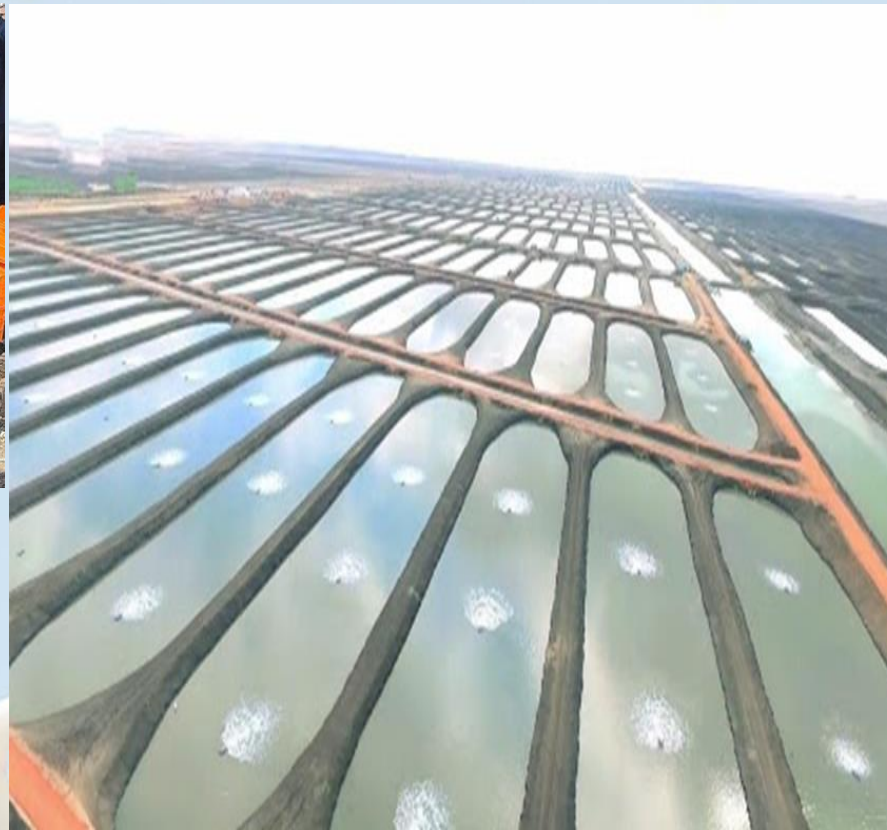
Ghalioun fish farming project

- One of the major projects in Egypt, with an area of 20,000 acres
- It has fish farming ponds, hatching ponds for fish and shrimp, and nursery ponds



- It includes a Feed factory, ice factory, foam factory, processing and manufacturing factory, analysis and research laboratories, and a training center.

Suez Canal project for fish farming



- One of the national projects in Egypt, with an area of 750 acres

- It includes 4441 farming basins For (seabream , sea bass , Meagre, Grey Mullet) and crustaceans(Crabs and shrimp) .



Recent projects in Egypt

Marine fish hatchery and laboratory in Port Said

- A marine hatchery for hatching Common Sole and Meagre fish (10 million units) has been completed with application of the standards and requirements of the European Union in farmed fish, especially traceability



- It include a laboratory for diagnosing and treating marine fish ,measuring fish quality and an international training center to provide veterinary services to marine fish farmers .

Hatchery (Kilo 21) in Alexandria Governorate

- The development and increase of the production capacity of the 21 kilometer marine hatchery in Alexandria governorate has been completed to reach 15 million units of seabream and seabass fry.





Fisheries Research Institutes in Egypt

**National Institute
of Marine and
Fisheries Sciences**

**Central
Laboratory for
Fisheries
Research in
Abbassa**

**World Fish in
Abbassa**

**Animal Health
Research Institute
(Fish Diseases
Department)**



Aquatic animal health in Egypt

Aquatic animal health surveillance in Egypt

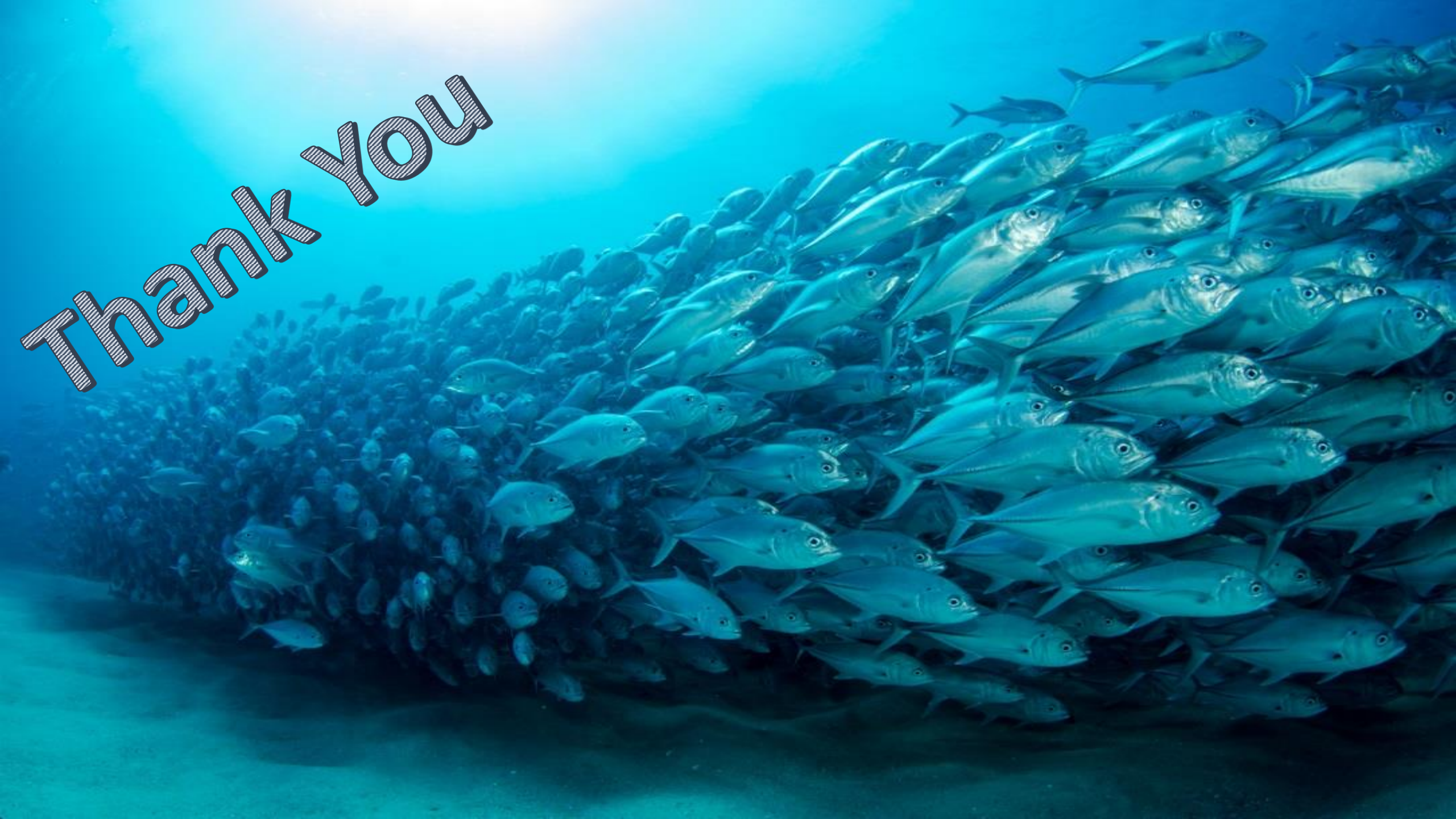
- **Passive Surveillance of Aquatic animal :**
- **Passive surveillance:** a system by which GOVS receives reports submitted from owners of fish farms , fishermen and consumers.
- **Passive surveillance:** is a relatively inexpensive strategy to cover large areas, and it provides critical information for monitoring a community's health.
- **In Egypt, GOVS didn't receive any report nor notification for Aquatic Animal diseases**

Prevention of Aquatic Animal diseases in Egypt

- The Veterinary Quarantine department in GOVS Prevents the importation of fish fry or live fish from any epidemic country according to reports and recommendations of WOAHA.
- Using best Aquaculture practices from the beginning of the production process and supervision and the use of advanced monitoring systems to prevent the spread of infectious diseases

Prevention of Aquatic Animal diseases in Egypt

- Organizing training courses and guidance seminars targeting veterinarians, scientists, and owners of fish farms throughout the Republic
- Preparing prevention programs against fish and crustacean diseases to which all producers are committed, conducting periodic and veterinary examination on all farms, applying closed fish farming systems that are easy to control, and application of the HACCP system to ensure that the fish are free of pathogens.



Thank You