



European Food Banks Federation



EU Platform on Food Losses and Food Waste
Food Donation sub-group

Donation of surplus fish directly from landing

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FISH SECTOR

Economic relevance

- **Europe:** 5th main producers of fish products in the world
- **Italy:** 6th main consumer and 3rd main importer between European countries

Conservation of marine resources



High nutritional value



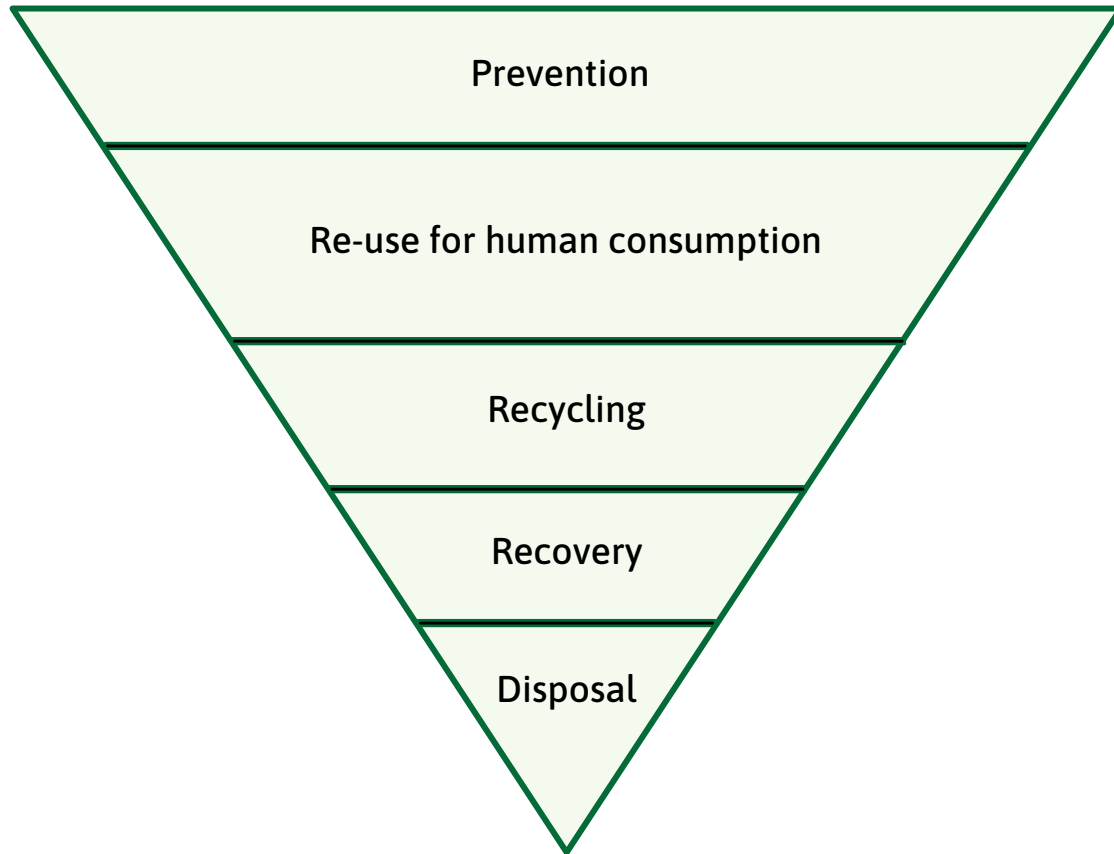


What is the state of the art about confiscated fish?

What are the main barriers and opportunities for the recovery and redistribution of the confiscated fish?



FOOD WASTE HIERARCHY APPLIED TO FISH PRODUCT



Reduction of bycatches: increase of gear selectivity and optimization of fishing strategies

Products kept in the food supply chain as fresh fish, transformed products or by the production of food ingredients (fish pulp and surimi)

Bio-products, animal feed, industrial products (leather, fish oil and minerals)

Production of energy (biogas and biodiesel), composting

Incineration through landfills



FOOD DONATION

Commission Notice EU guidelines on food donation (2017/C 361/01)

8.3. Common Organisation of the markets in fishery and aquaculture products

While the CMO does not specifically promote the donation of fishery and aquaculture products, this option is not excluded.

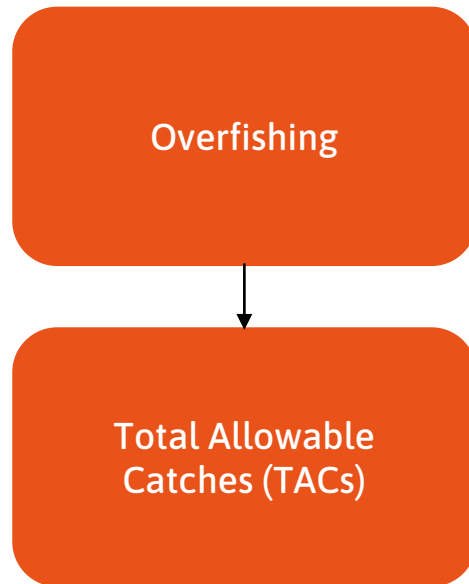


Food recovery from fishery

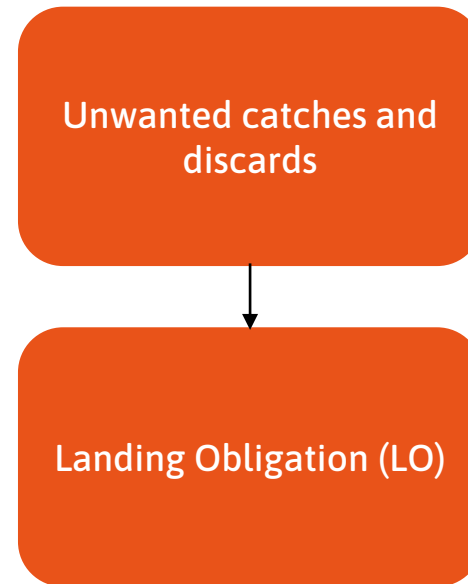




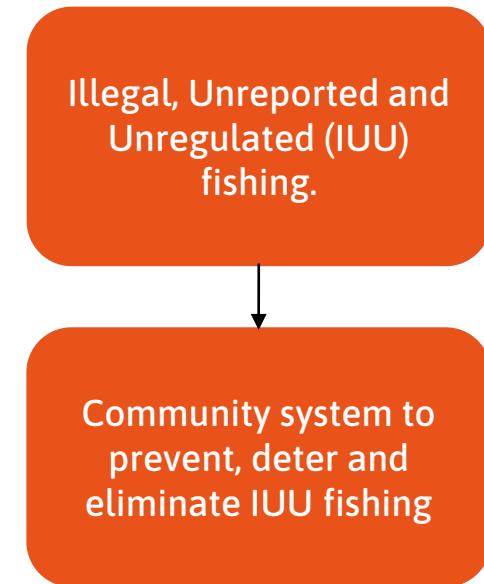
MAIN PROBLEMS



Source: Regulation (EU) No 1380/2013



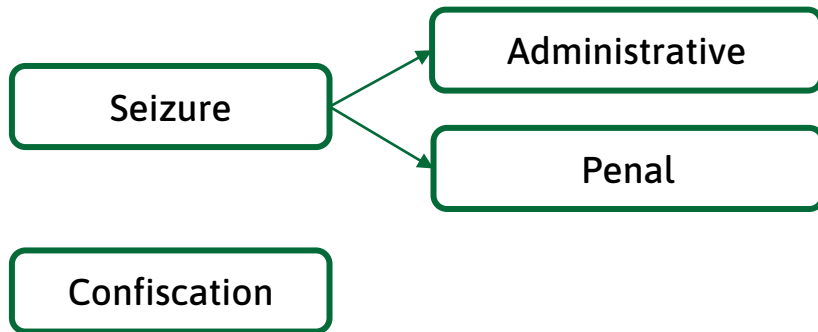
Source: Regulation (EU) No 1380/2013



Source: Council Regulation (EC) No 1005/2008



TERMS, AUTHORITIES AND VOLUMES



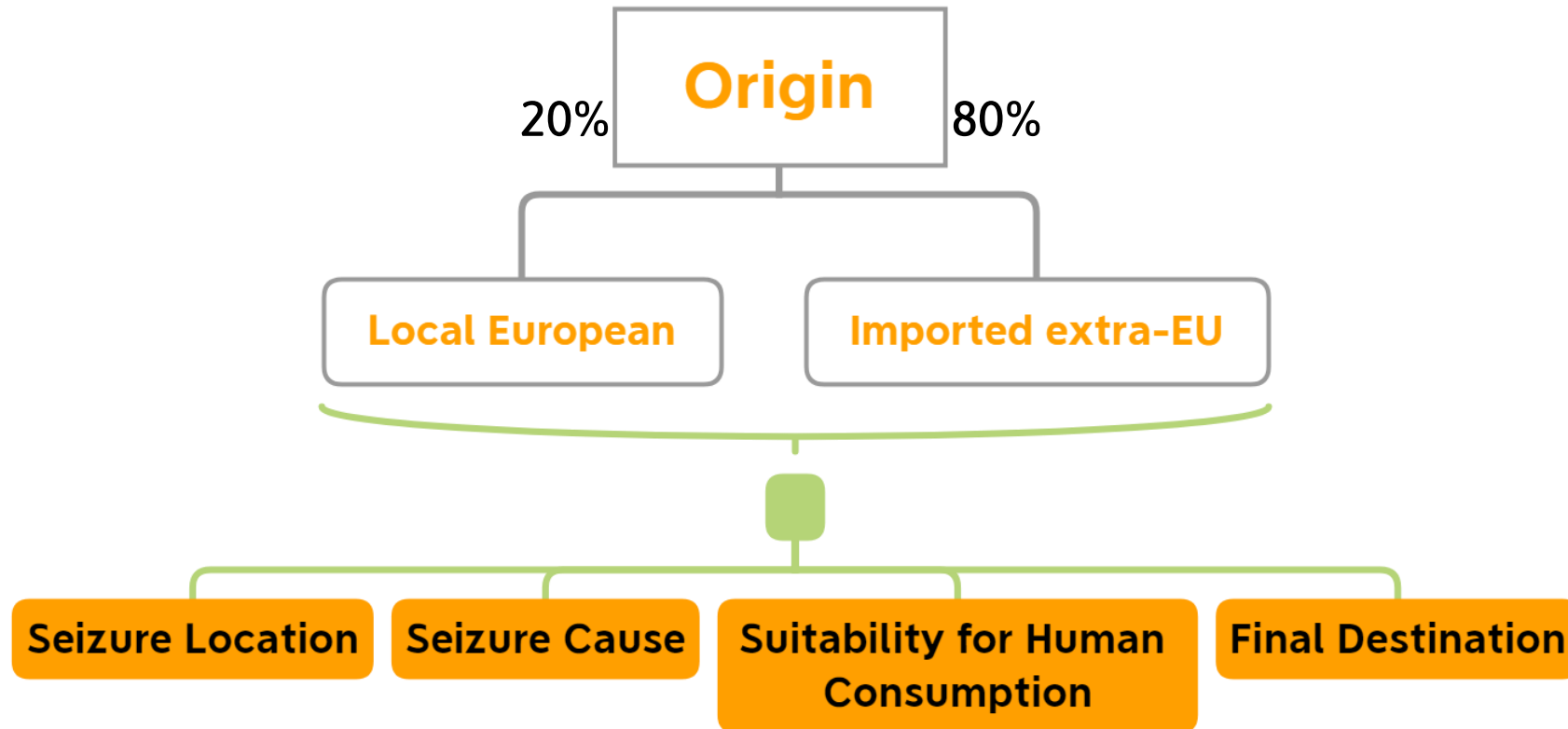
- Port Authority
- Finance Guards
- Local Police
- Carabinieri NAS
- Forestry Carabinieri
- ICQRF

Year	Sanctions amount [€]	Confiscated fish products [kg]
2017	12.105.895	378.394
2018	12.442.448	464.258
2019*	9.488.521	489.090

*Partial data (until 11th December 2019)

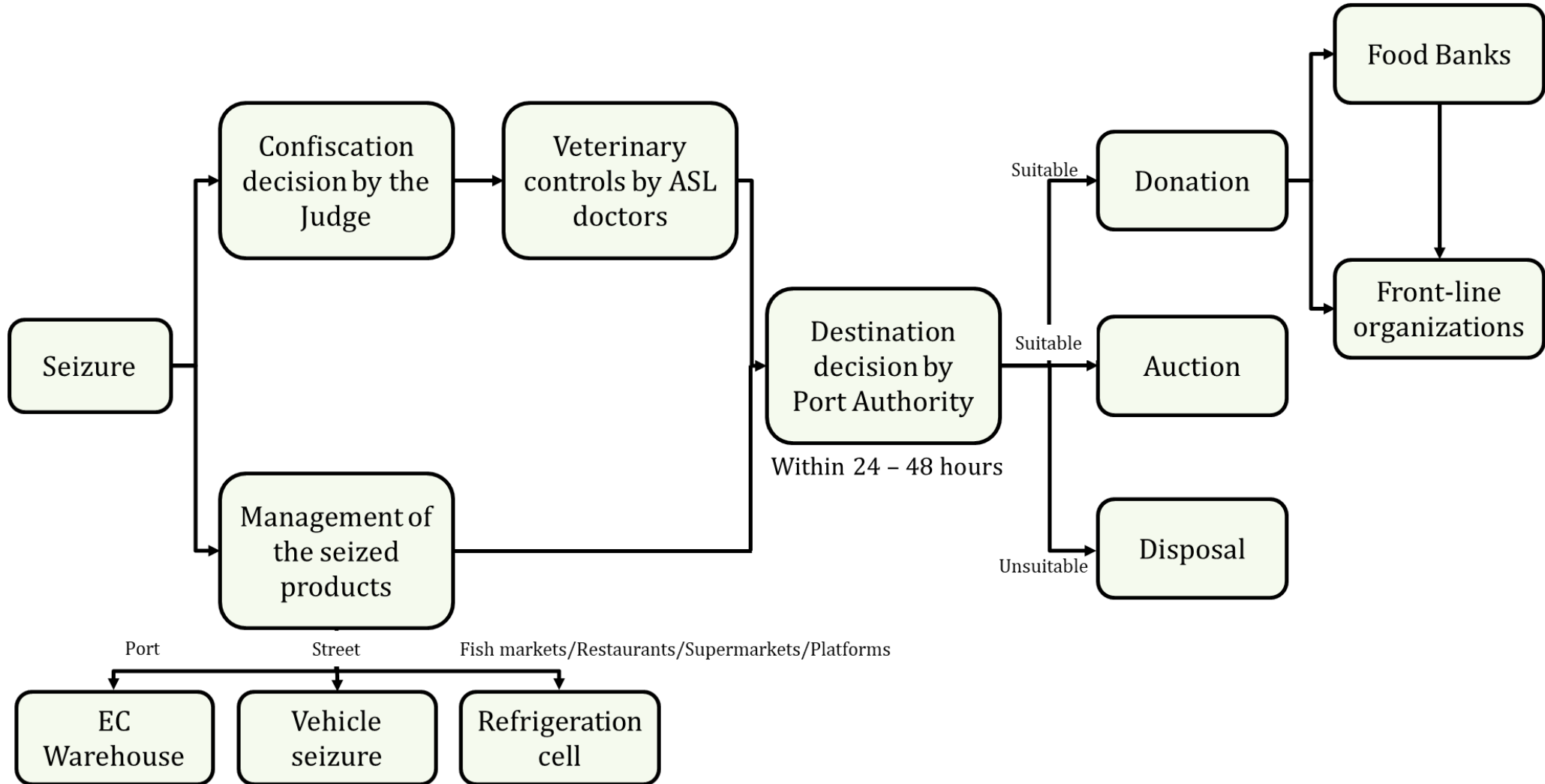


IDENTIFIED VARIABLES IN THE SEIZURE AND CONFISCATION PROCESS





ACTIVITIES AFTER SEIZURE





FINAL DESTINATIONS

Disposal

Least preferable option in terms of food waste and social and environmental impact

Auction

Not convenient for additional effort in the management and costs up to the Competent Authorities

Donation

Best destination in terms of environment and sustainable exploitation of resources

Barriers

- Large distances
- Unsuitable structures
- Insufficient capacity
- Inadequate competences
- Time of recovery activities, lack of operating volunteers
- Economic sustainability in the long term



OPERATIONAL IMPLICATIONS

Conservation Mode

Fresh
(0° C – 4° C)
Shelf life: 6-8 days

Frozen
(≤ - 18° C)
Shelf life: from 2 to 6 months, depending on the fish species

Processing into cooked products with a new shelf life.

Advantages:

- the possibility of overnight cooking allows greater energy savings;
- absence of operating personnel because this type of cooking can be programmed for a well-defined time;
- storage at 0-4°C, expands the number of charitable organisations that can handle the product and with lower energy costs than frozen.

Size

Small

Large

Transformation

Geographical distances

From Recovery Place to charity organisation



RESULTS

RI-PESCATO: from the illegal market to the solidarity market

Direct social impact:

- **2 regional Food Banks:** Associazione Banco Alimentare della Sicilia (Catania) and Banco Alimentare della Sicilia Occidentale (Palermo)
- **86 charitable organisations** (28 in Catania and 58 in Palermo):
 - 20 soup kitchens (9 in Catania and 11 in Palermo)
 - 3 communities in Catania
 - 63 charities distributing food parcels
- **59,401 people in need**
- **34,757 kg of confiscated fish** (+97% in comparison with 2021 and five times the result achieved in 2020)





GUIDELINES

1

Review
National
Regulations
about fishing
activities

2

Identify the
Competent
Authorities
and collect
data

3

Review the
National
Regulations
about food
redistribution

4

Conduct
interviews

5

Measure each
variable with
quantitative
data and fill
the proposed
schemes

Thank you!

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