

AQUACULTURE DEBRIS

The **largest component** of aquaculture-related marine litter wear and tear on aquaculture installations.

The material lost depends on culture systems, construction quality, vulnerability to damage and management practices.

The majority of marine litter from aquaculture activities originates from **equipment damage caused by:**

- regular wear and tear
- catastrophic weather events
- accidents and conflicts
- inadequate waste management
- poor maintenance and improper installation.

Waste management

Lack of incentives to recycle or reuse gear.
Inadequate reception and storage facilities for waste and consignment.
Lack of operators to handle waste or gear.

Comparison of volumes

Single-use plastic products

15 604 tons

Fishery and aquaculture related litter

11 000 tons

Comparison of the contribution of fishing gear and aquaculture to waste and marine litter (netting and non-netting) in European waters with single-use plastic products

14%

Beach surveys in areas of aquaculture show significant amount of plastics in the form of nets and cage structures, lines and floating raft structures, and poles, bags, lines and plastic sheeting.

15%

In sea floor surveys litter from aquaculture accounted for **15** per cent found items.

CAPTURE FISHERIES DEBRIS

An important factor influencing the composition of benthic litter is the type of activities carried out in the vicinity

Main **drivers** for ALDFG* are:

- limited life span of some items used at sea
- waste Mismanagement
- inadequate facilities for waste handling at sea
- inadequate reception and storage facilities for waste and consignment
- lack of operators to handle waste or gear
- lack of incentives to recycle or reuse gear
- accidental and sometimes irretrievable loss of discarded fishing gear

Fisheries management

Lack of incentives to recycle or reuse gear

Port waste mismanagement

Inadequate reception and storage facilities for waste and consignment.

Lack of operators to handle waste or gear. Dumping at sea due to the high cost of waste handling in ports.

Potential dumped at sea

Waste from ships, including fishing vessels and recreational craft

30%

Fisheries-related litter

39%

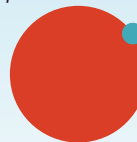
The largest single category by volume found in beach litter

End-of-life for vessels and recreational boats

1-2 % of the 6 million boats maintained in Europe reach their end-of-life each year.

Approx. 80 000 vessels of which

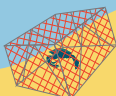
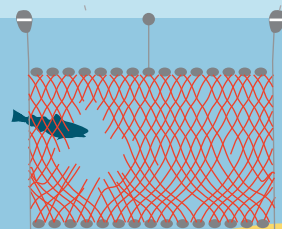
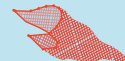
2 000 vessels were registered as dismantled



Floating debris

At sea, 10 per cent of all worldwide floating marine debris is lost or discarded fishing gear

10%



*ALDFG: Abandoned, Lost or otherwise Discarded Fishing Gear