

**STUDIES EQUIPMENTS AND SAMPLING SITE**

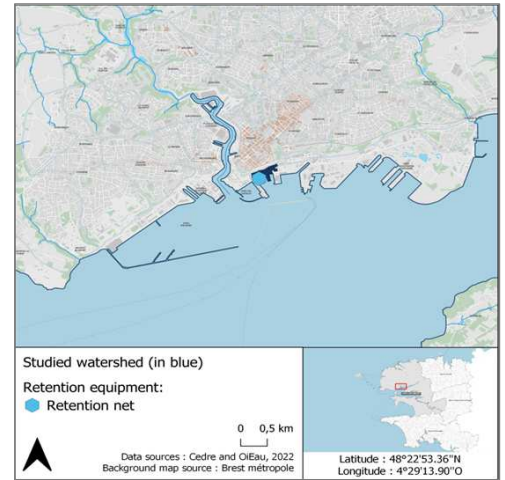
Retention net, manufactured and installed by Pollustock in 2020, on a dock. The net intercepts waste passing through part of the commercial port district in the metropole of Brest.

**Dimensions :** Length of 2 m ; 2.5 cm mesh size ; maximum retention capacity of 3.3 m<sup>3</sup>.

**Maintenance :** Crane truck for lifting ; truck tray for transporting samples ; lifting time of 1 hour.

**Adaptations made during the project :**

\* Installation of a guillotine frame to facilitate lifting and increase the sealing of the device.

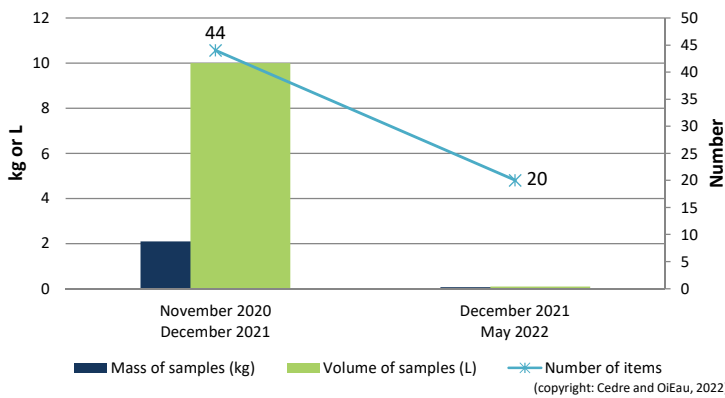


Results to be considered with caution as only 2 samples

**ABUNDANCE OF LITTER INTERCEPTED**

Data collected between April 2021 and September 2022

**Temporal evolution of abundance**



**Total abundance and fluxes**

Total mass collected = 2 kg

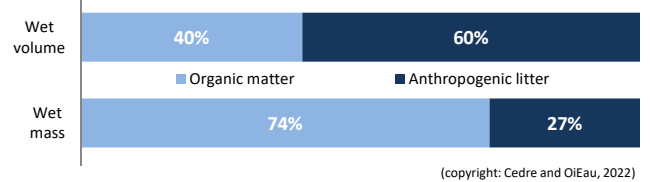
Total volume collected = 10 L

Total number of items collected = 64

**Estimated average flux = 43 ± 5 items/year**

**Estimated average flux = 0.4 ± 0.2 kg/year**

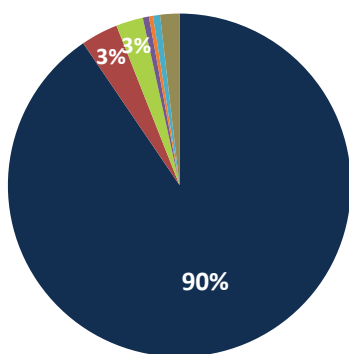
**Proportion of anthropogenic litter in samples**



**LITTER TYPES INTERCEPTED**

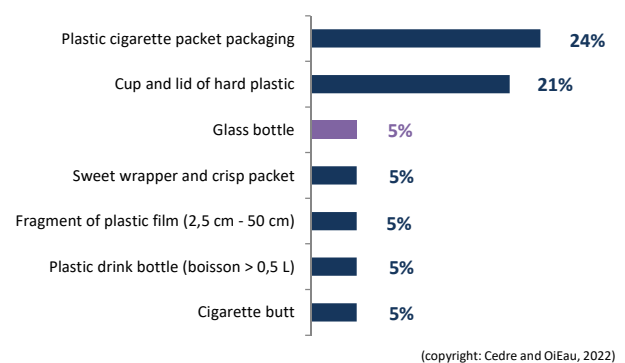
Data provided as a percentage of the total number of litter items sampled

**Composition of litter types intercepted**



- Plastic
  - Rubber
  - Metal
  - Glass
  - Clothe/textile
  - Cardboard/Paper
  - Wood
- (copyright: Cedre and OiEau, 2022)

**TOP 5 litter types intercepted**



Cedre and OiEau conducted a study, funded by the European Union and Brest metropole as part of the Interreg Channel project, aiming at determining types and sources of litter found on the coast and in retention equipments on the territory of the metropole. Litter collected from the study equipments and collected on the coast was sorted and then characterised. The analyses synthesised in this fact sheet were carried out by Cedre, with the support of OiEau, on samples collected between April 2021 and September 2022.