

PROSFERO CAMPAIGN

Prosfero campaign is funded by Procter & Gamble and AB Vasilopoulos and implemented by iSea with the aim to achieve cleaner beaches and coasts. Since 2018, 287 beach and underwater cleanups have been conducted throughout Greece in the context of the project and more than 88 tons of litter have been removed.

The present interim report refers to the activities conducted in the context of the 22nd wave of Prosfero.

Project Coordinators:

Katerina Katsaouni

Nikos Doumpas

Environmental Organisation for the Preservation of the Aquatic Ecosystems

iSea

UNTIL TODAY

287 beach & underwater cleanups

88 tons of litter have been removed



BEACH CLEANUPS



BEACH CLEANUP DETAILS

1st Activity (A1): Livadi beach, Schoinousa island

2nd Activity (A2): Tsigkouri beach, Schoinousa island

3rd Activity (A3): Stavros beach, Donousa island

ACTIVITY CODE	DATE	VOLUNTEERS	LITTER COLLECTED (KG)
A1	05-11-2024	13	10
A2	06-11-2024	28	15
A3	07-11-2024	13	16.2
Total		54	41,2

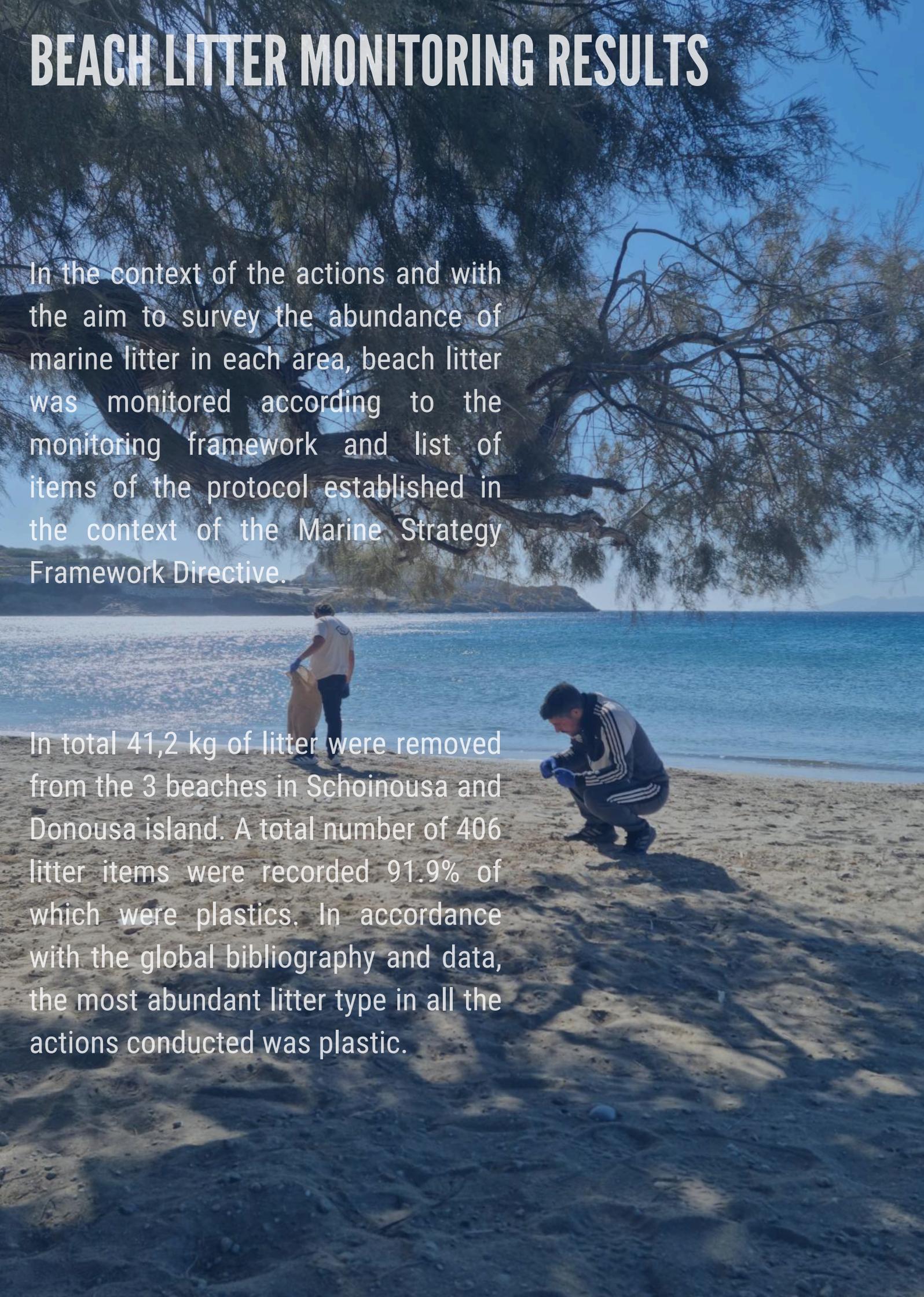
Table 1: Supplementary data of "Prosfero" beach cleanups conducted in November 2024.



BEACH LITTER MONITORING RESULTS

In the context of the actions and with the aim to survey the abundance of marine litter in each area, beach litter was monitored according to the monitoring framework and list of items of the protocol established in the context of the Marine Strategy Framework Directive.

In total 41,2 kg of litter were removed from the 3 beaches in Schoinoussa and Donousa island. A total number of 406 litter items were recorded 91.9% of which were plastics. In accordance with the global bibliography and data, the most abundant litter type in all the actions conducted was plastic.



LITTER TYPES

The average percentage of plastic found on all beaches is 91.9%. In all the cleanup actions, plastic was the most abundant litter type.

Litter typer by percentage

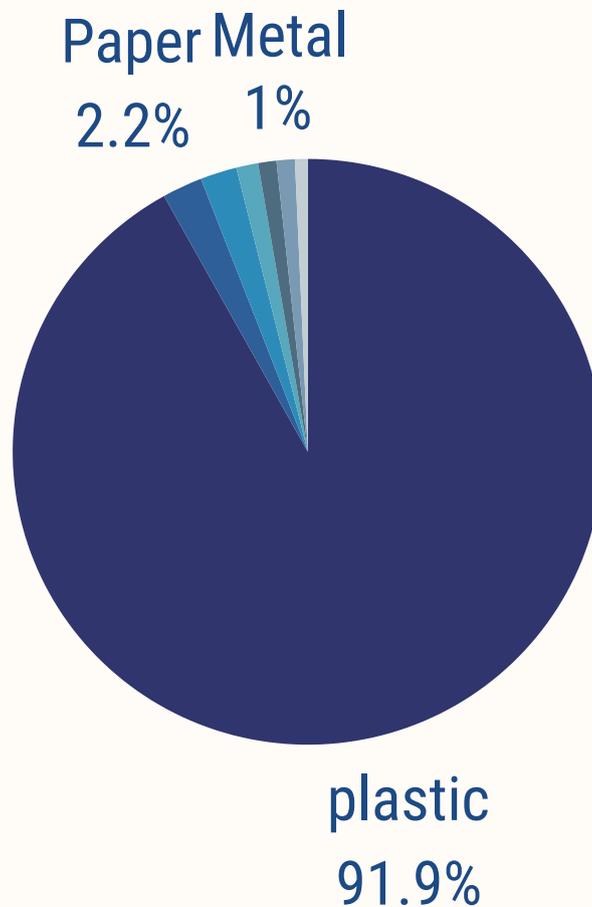


Figure 1: Litter typer, expressed as a percentage (%).

In 2 out of 3 beach cleanups plastic exceeded 90%.

LITTER TYPES

Percentage per litter type

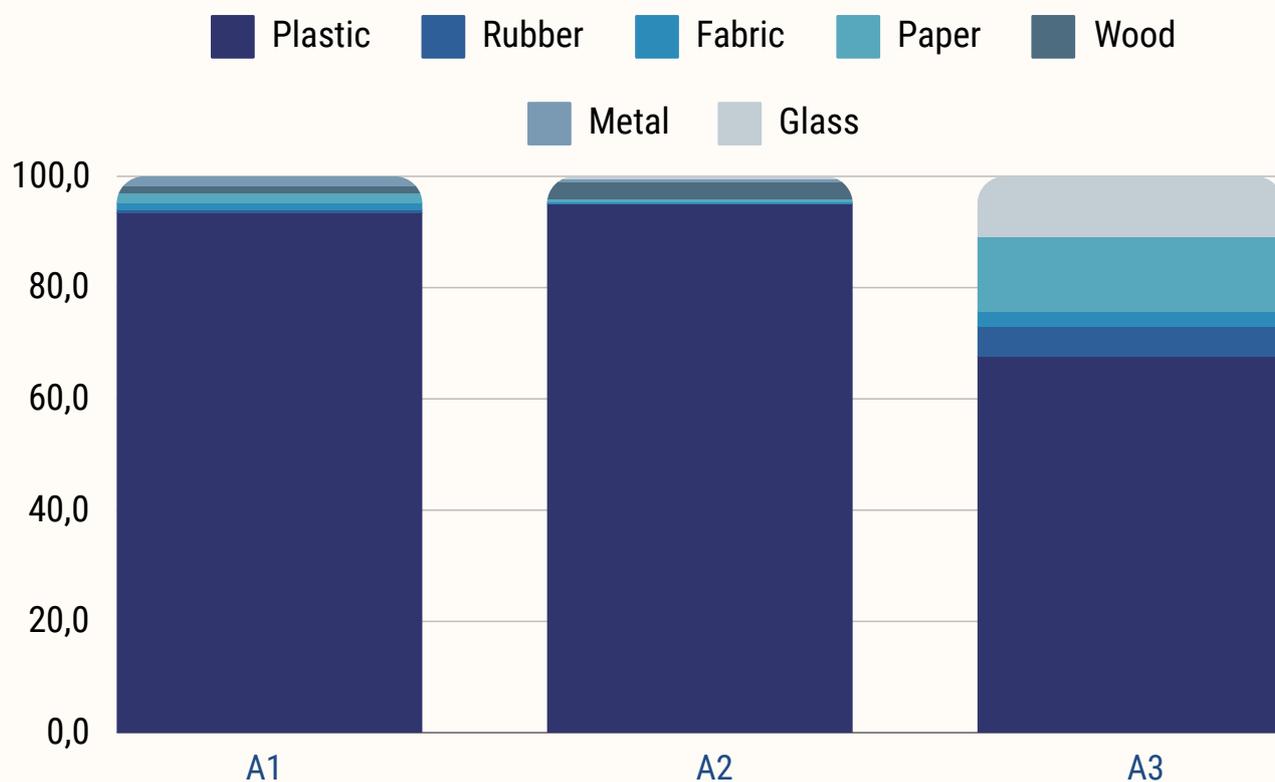
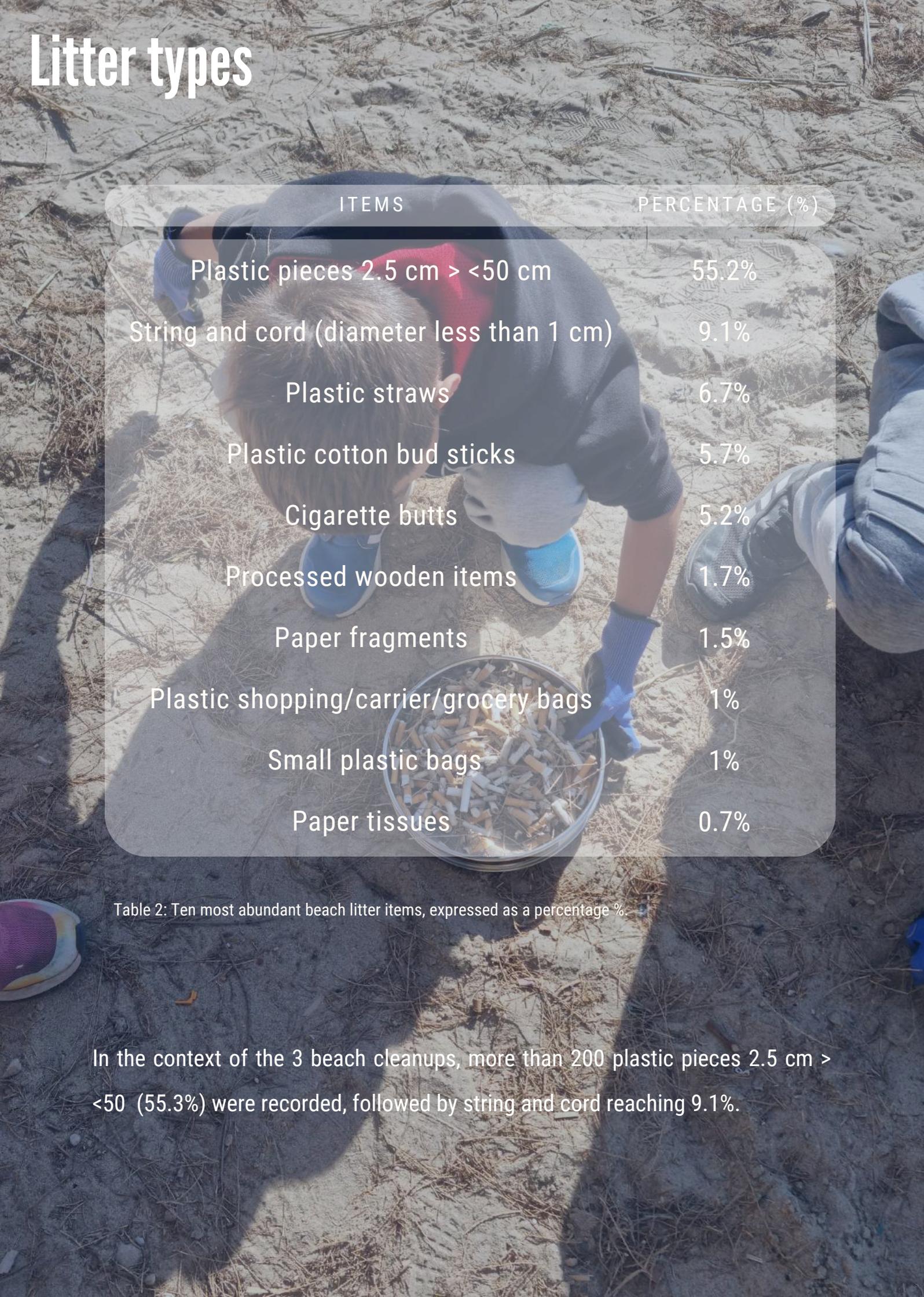


Figure 2: Collected litter types per beach cleanup, expressed as a percentage (%).

In Schoinousa island, in both Livadi beach (A1) and Tsigkouri beach (A3), the amount of plastic exceeded 90% with a great amount of plastic pieces 2.5 cm > <50 cm. This could be attributed to the fact that plastic pieces end up on the beaches because of the streams. The Aegean Sea is known for its meltemia, summer winds that makes easier the accumulation of the litter items to the beaches. In Stavros beach (A3), the amount of plastic recorded was the lowest compared to the amount of plastic in all the other beaches reaching 67.6%. Stavros beach (A3) had also a great percentage of paper items (13.5%) mainly paper fragments and tissues and glass items (10.8%) such as glass or ceramic construction materials (bricks, tiles, cement), possibly because of the building constructions and the renovations that take place during winter in these islands.

Litter types



ITEMS	PERCENTAGE (%)
Plastic pieces 2.5 cm > <50 cm	55.2%
String and cord (diameter less than 1 cm)	9.1%
Plastic straws	6.7%
Plastic cotton bud sticks	5.7%
Cigarette butts	5.2%
Processed wooden items	1.7%
Paper fragments	1.5%
Plastic shopping/carrier/grocery bags	1%
Small plastic bags	1%
Paper tissues	0.7%

Table 2: Ten most abundant beach litter items, expressed as a percentage %

In the context of the 3 beach cleanups, more than 200 plastic pieces 2.5 cm > <50 (55.3%) were recorded, followed by string and cord reaching 9.1%.

UNDERWATER CLEANUPS



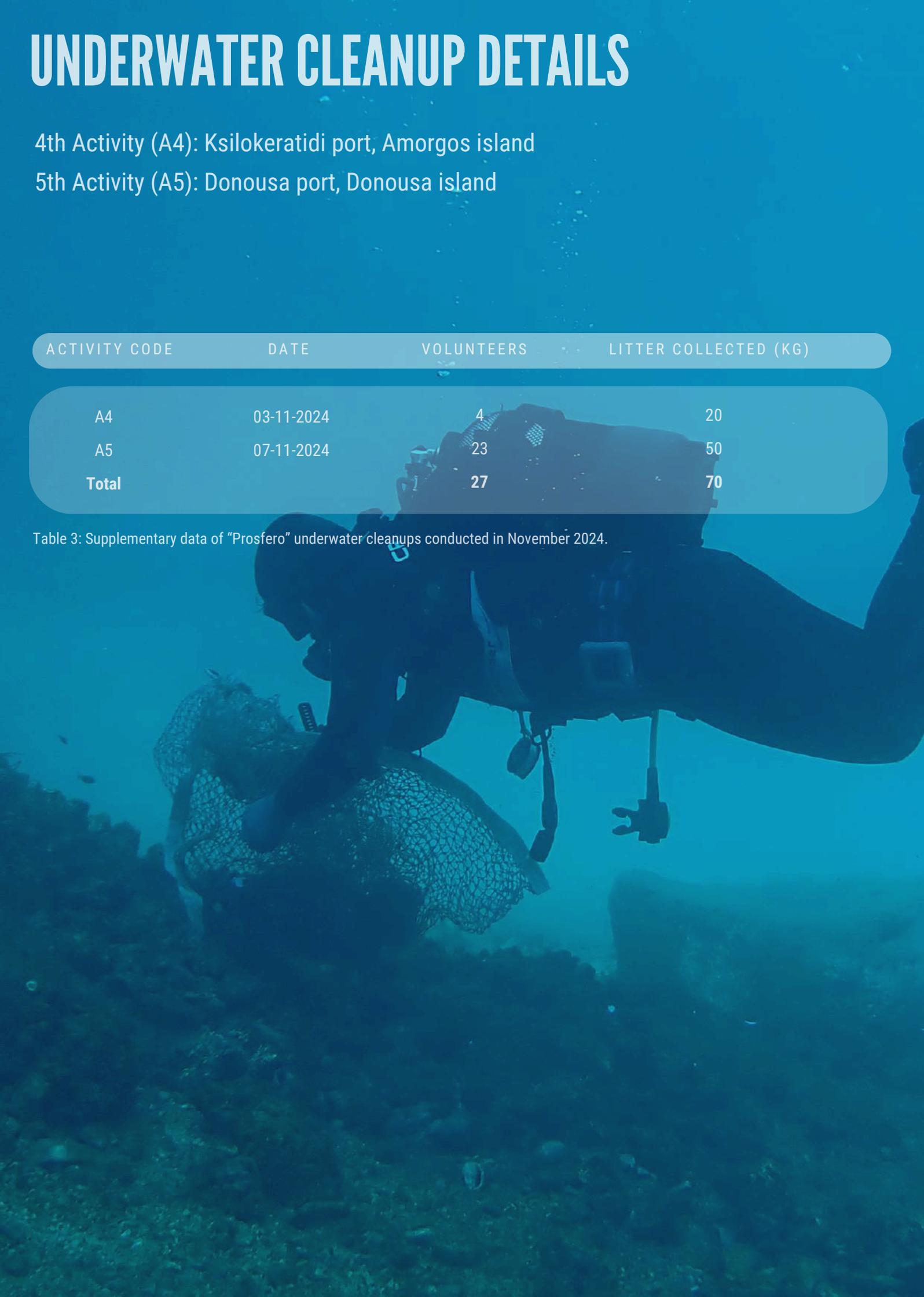
UNDERWATER CLEANUP DETAILS

4th Activity (A4): Ksilokeratidi port, Amorgos island

5th Activity (A5): Donousa port, Donousa island

ACTIVITY CODE	DATE	VOLUNTEERS	LITTER COLLECTED (KG)
A4	03-11-2024	4	20
A5	07-11-2024	23	50
Total		27	70

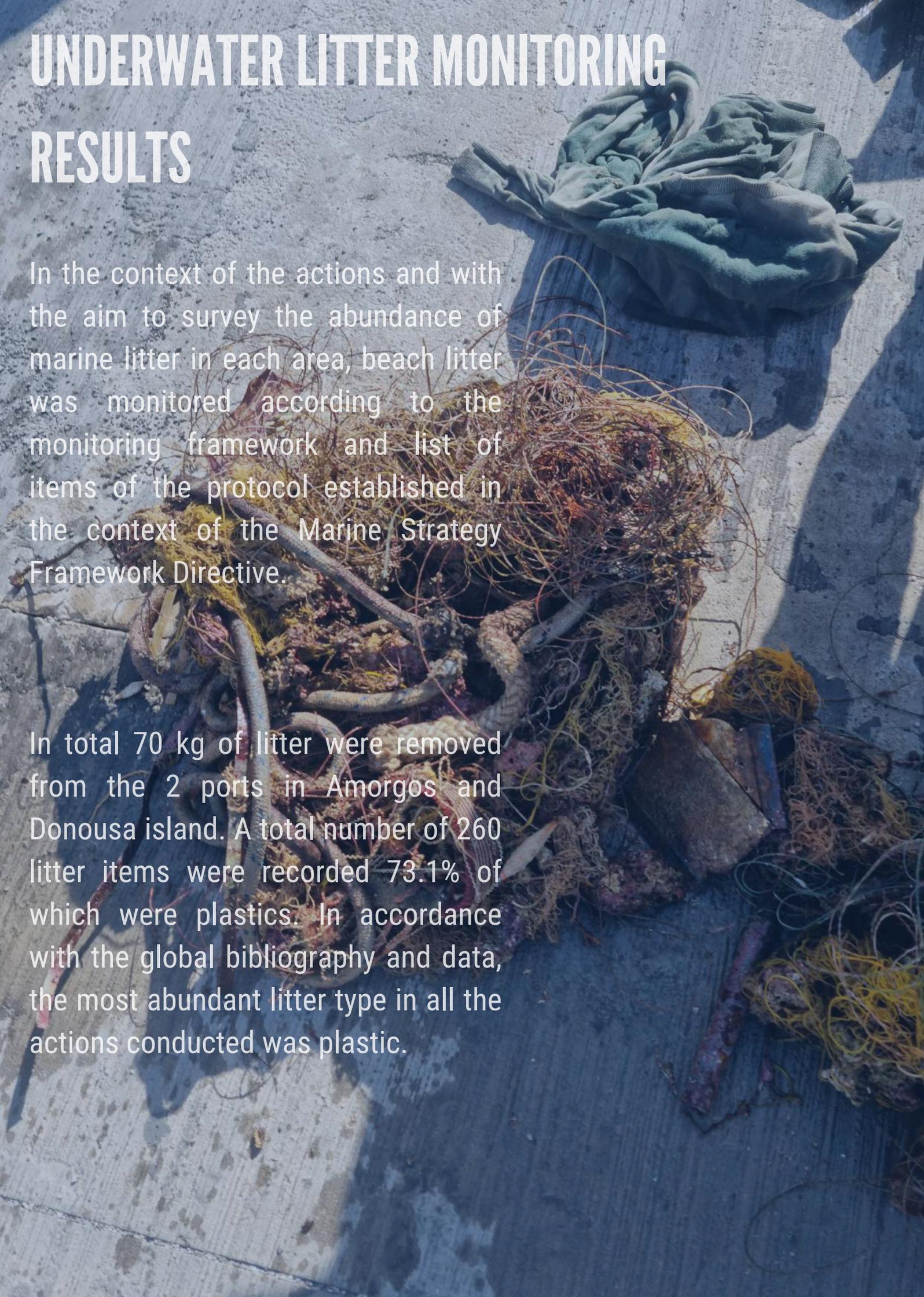
Table 3: Supplementary data of "Prosfero" underwater cleanups conducted in November 2024.



UNDERWATER LITTER MONITORING RESULTS

In the context of the actions and with the aim to survey the abundance of marine litter in each area, beach litter was monitored according to the monitoring framework and list of items of the protocol established in the context of the Marine Strategy Framework Directive.

In total 70 kg of litter were removed from the 2 ports in Amorgos and Donousa island. A total number of 260 litter items were recorded 73.1% of which were plastics. In accordance with the global bibliography and data, the most abundant litter type in all the actions conducted was plastic.



LITTER TYPES

The average percentage of plastic found on the two ports is 73.1%. In both cleanup actions, plastic was the most abundant litter type.

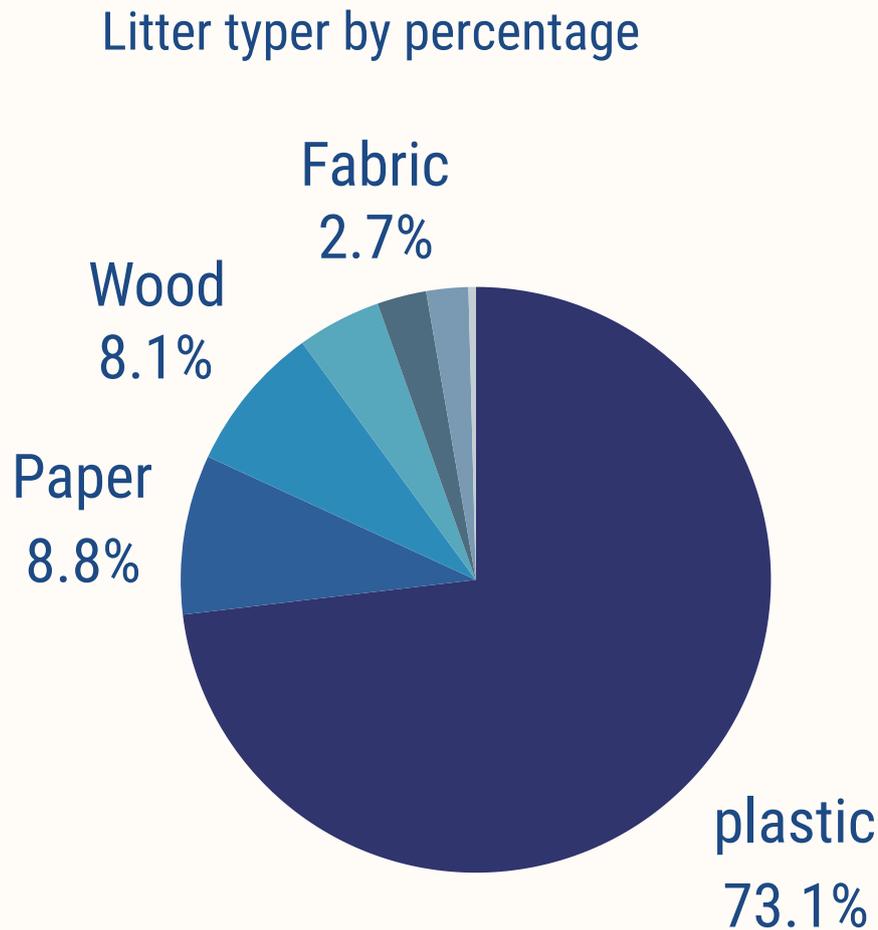


Figure 3: Litter typer, expressed as a percentage (%).

In both ports plastic exceeded 70%, followed by paper reaching 8.8%

LITTER TYPES

Percentage per litter type

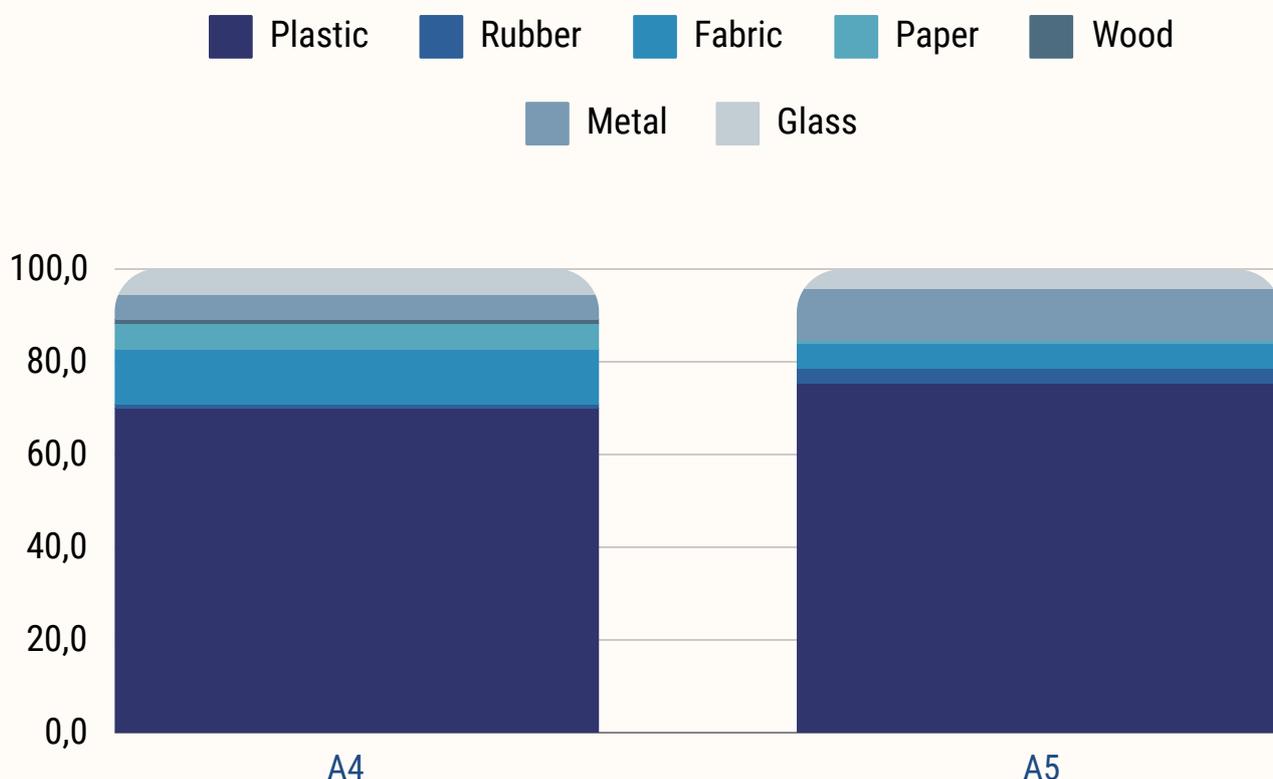


Figure 4: Collected litter types per underwater cleanup, expressed as a percentage (%).

In Amorgos island, in Ksilokeratidi port (A4), the most abundant litter items recorded were plastic bags and fishing nets. In Ksilokeratidi port (A4) it should be mentioned there were not removed old litter items as it is usual to happen in other ports and this could be attributed to the fact that the fishing port was created two years ago. Both plastic bags and fishing nets are regularly used by fishers. In Donousa port (A5), the most abundant litter items removed were the tangled fishing lines and synthetic ropes followed by plastic bottles. Donousa port (A5) is not a touristic port and accepts visitors mainly by ferry boat during summer. The port is used by the locals for fishing activities. It is important to highlight the fact that in both ports the most abundant litter items removed are used by fishers and have been accumulated by the fishing activities implemented in the areas.

Litter types

ITEMS	PERCENTAGE (%)
Fishing line(tangled)	18.1%
Plastic bottles	15%
Synthetic rope	13.5%
Plastic bags	9.6%
Fishing nets	5.4%
Clothing	4.2%
Beverages and beer cans	4.2%
Sails, canvas	2.3%
Cardboard boxes	2.3%
Glass and ceramic tableware	2.3%

Table 4: Ten most abundant underwater litter items, expressed as a percentage %.

In the context of the 2 underwater cleanups, more than 45 fishing lines(tangled) (18.1%) were recorded, followed by plastic bottles reaching 15%.

PARTICIPATION DETAILS

A total number of more than 50 people participated in the actions implemented in Schoinousa and Donousa islands.

In particular, 54 volunteers contributed to the activities and the removal of litter from beaches. Volunteers included iSea members, as well as children and their parents from local schools as well as local associations.



28 participants

Nursery School and Elementary
School of Schoinousa island



13 participants

Pre High School and High School
of Schoinousa island



13 participants

Elementary School of
Donousa island

23 participants

Nursery School, Elementary School, Pre
High School and High School of
Donousa island



4 participants

Edok Rescue Team



Informative Events

In the context of “Prosfero” project 1 informative event took place in Amorgos island under the auspices of the Municipality of Amorgos.

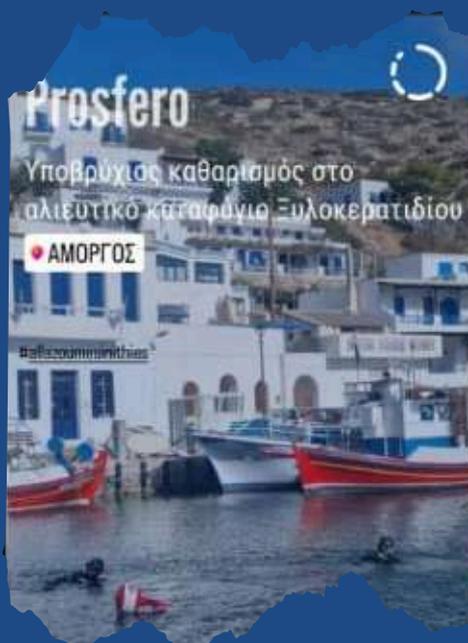
More than 30 people attended the event, mostly children. The iSea representatives informed all the attendees about the aim and the actions of Prosfero project and distributed informative material on marine pollution and measures for its prevention and mitigation.



Adults and children who attended the event had the opportunity to learn about the most common beach litter and to see items removed from the seabed during underwater cleanups as well. Children played with the floor game and answered questions about how they could change their everyday habits into zerowaste and zero plastic. The event was implemented with the collaboration and under the auspices of the Municipality of Amorgos and with the participation of iSea’s volunteers and the local population of the island.

Communication plan

A total number of 5 “stories” were published via Social Media during the actions, to inform the public about the progress of each action, keep their interest in the project alive and raise awareness about the issue of marine litter and its impact on marine ecosystems.



Communication plan

A press release was created and shared with the local press and uploaded on iSea's website, inviting the local communities to participate in the campaign and informing them about the schedule of the actions that were about to be implemented.

MEDIA	LINK
Syros press	Link 1
Cyclades 24	Link 2
Naxos times	Link 3
Naxos press	Link 4

Table 5: Press releases about the Prosero project published regarding actions in Amorgos, Schoinoussa and Donoussa

