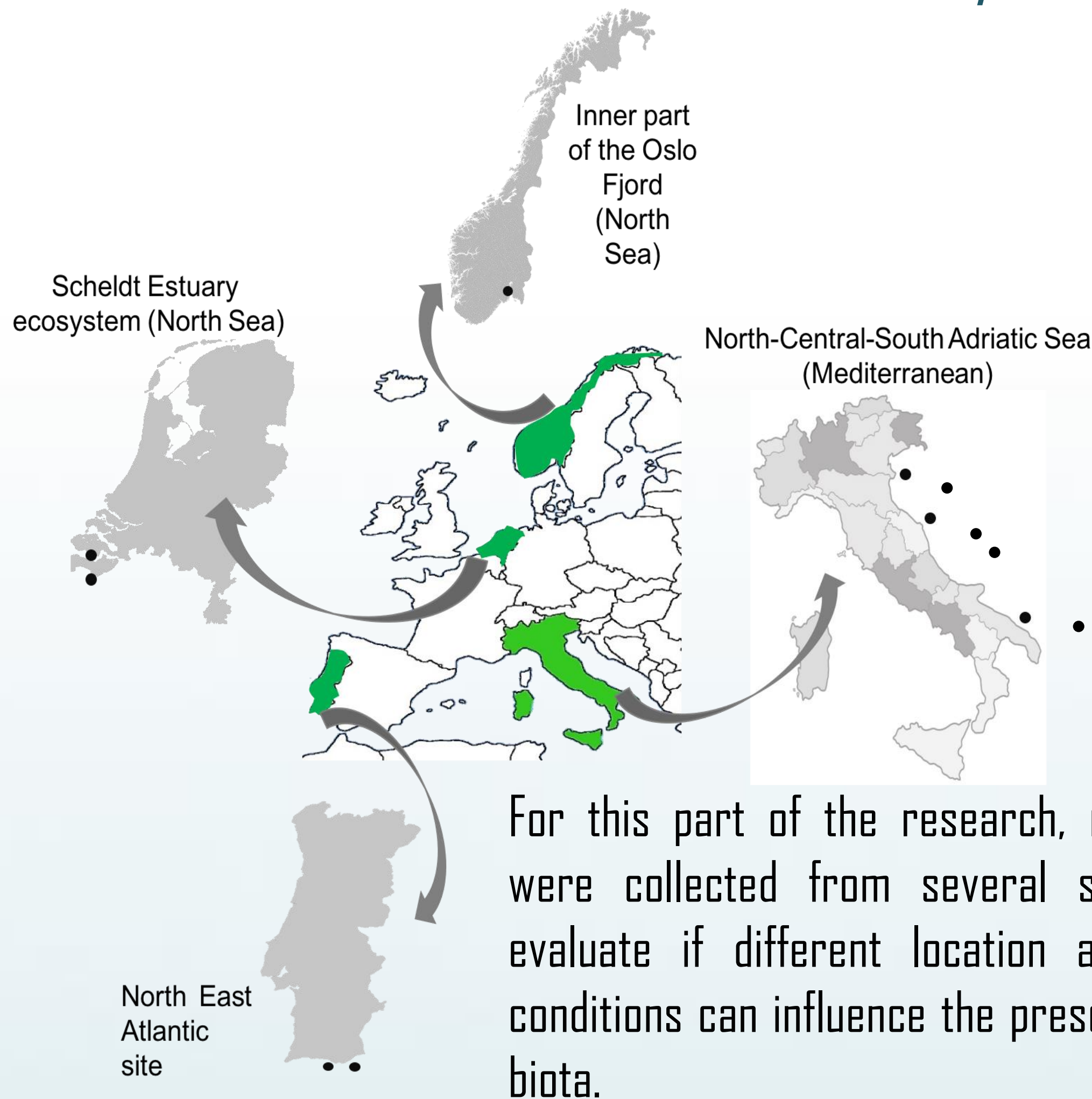
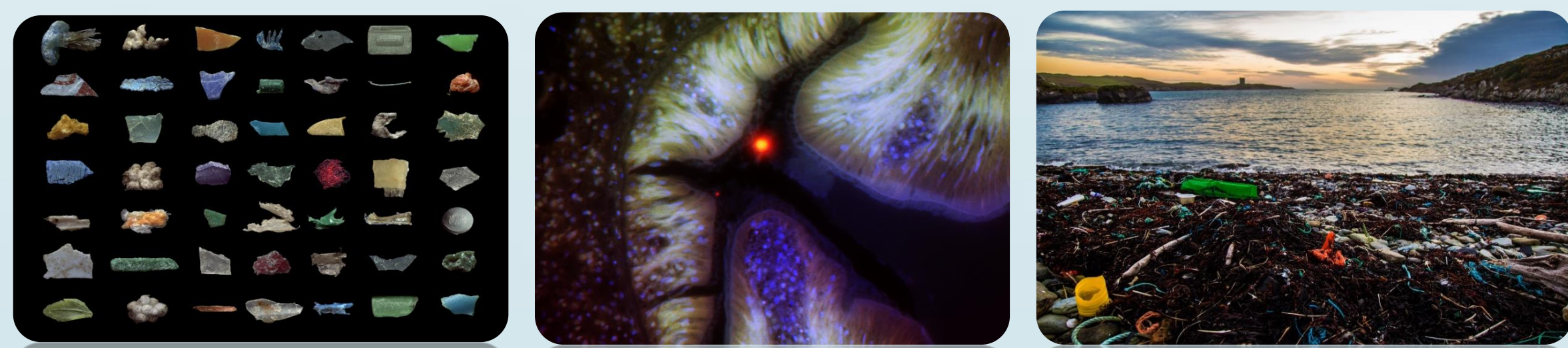


## Biota data collected from the study sites:



## IMPACT 2017 International Microplastics Photo Contest



EPHEMARE invited submissions to IMPACT 2017 to express participant views on microplastics through the medium of photography. The competition not only raised awareness but supported active engagement and learning about the subject area through the completion of the contest and subsequent exhibition of entries. The international entries were judged by a jury of microplastic experts and through a public vote via the project's social media outlets. Pictured are 1<sup>st</sup> (Filipa Bessa), 2<sup>nd</sup> (Gatia Goncalves), and 3<sup>rd</sup> (Adam Porter) place winners respectively. See the EPHEMARE Facebook page to view the range of fantastic submissions.

## Ocean Plastics Lab



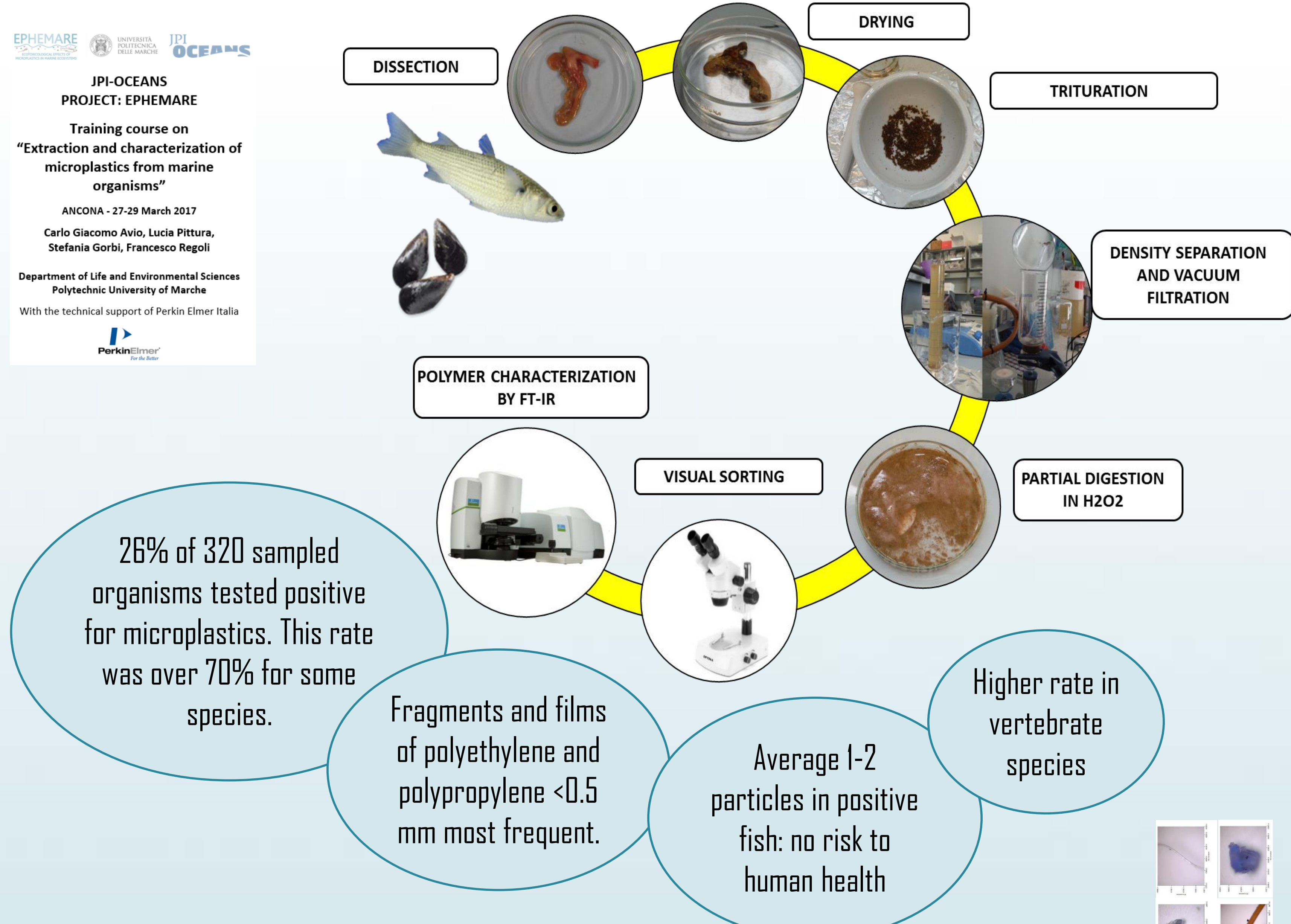
EPHEMARE recently contributed to the Ocean Plastics Lab, with entries from the IMPACT 2017 photo competition. The Ocean Plastics Lab is an international travelling exhibition showcasing the contribution of science to understand and combat the problem of plastics in the ocean. The exhibition opened on the 27th of September in Turin, Italy coinciding with the G7 science meeting and World Maritime Day and is moving to Paris in November 2017.

EPHEMARE scientists took part in the 'Less Plastic more Mediterranean' mission with Greenpeace. On board the Rainbow Warrior 3, activities included sampling organisms and seawater along the Mediterranean.

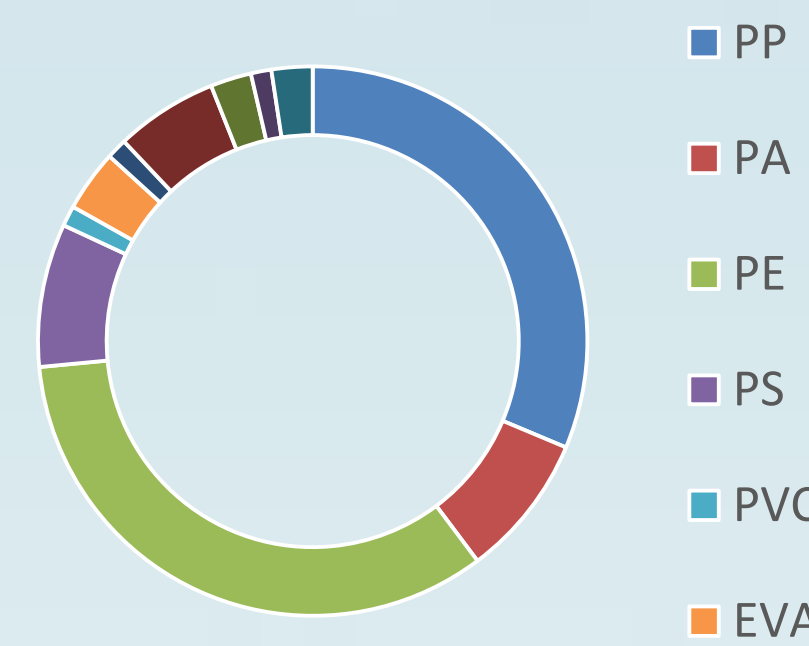


## Microplastic extraction protocol

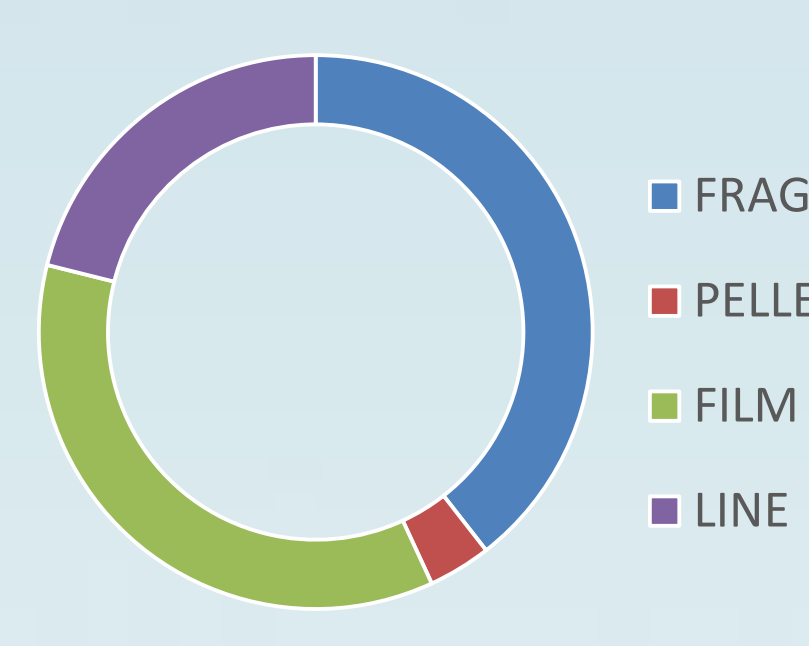
Microplastics were extracted from the gastrointestinal tract of fish and from the whole soft tissue of invertebrates. The protocol was previously tested and validated and all EPHEMARE project partners involved in fieldwork were subject to a training course on EPHEMARE protocols



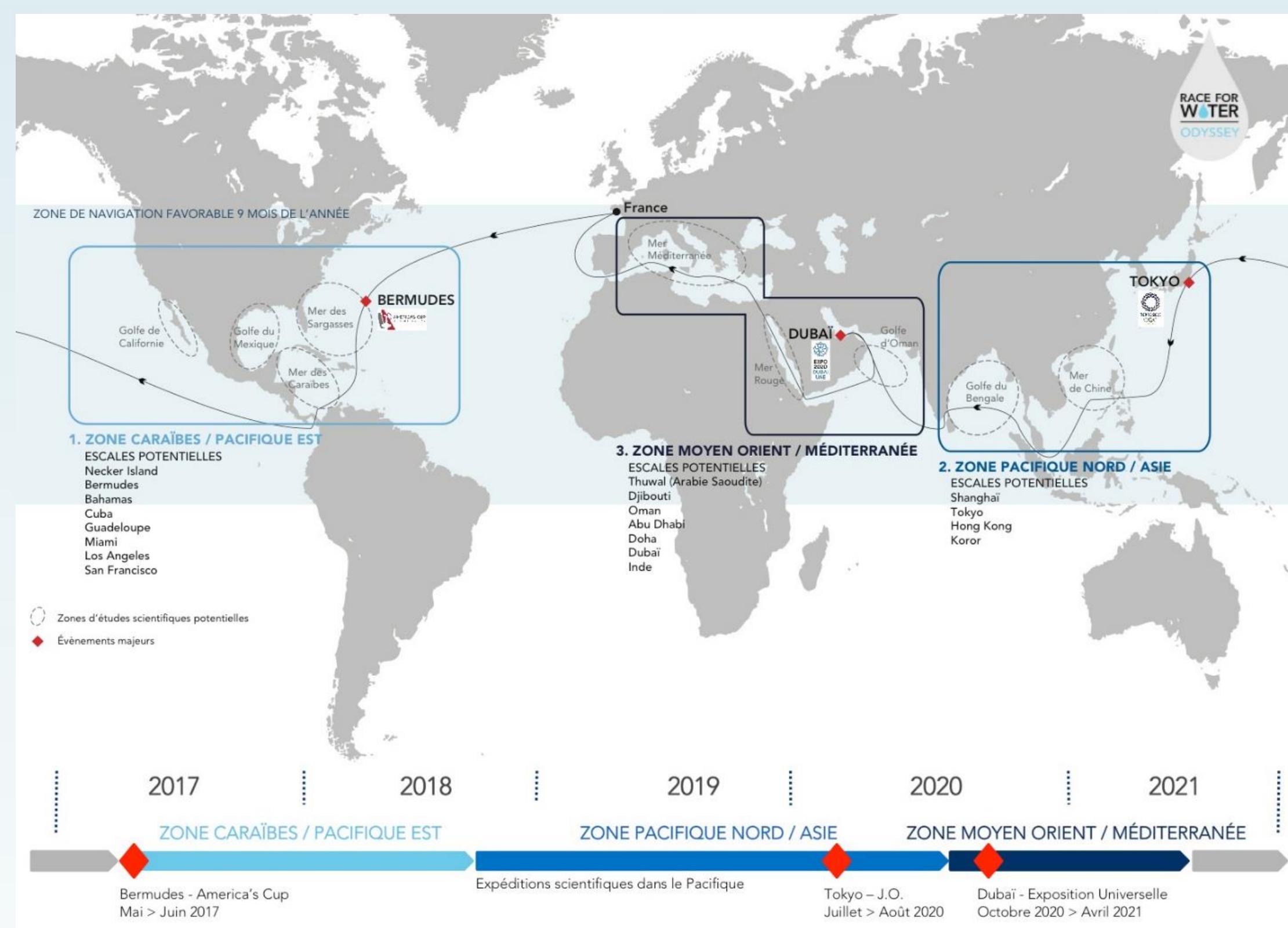
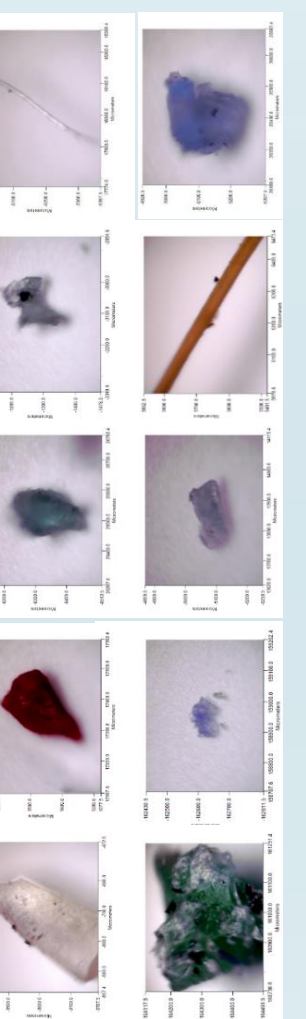
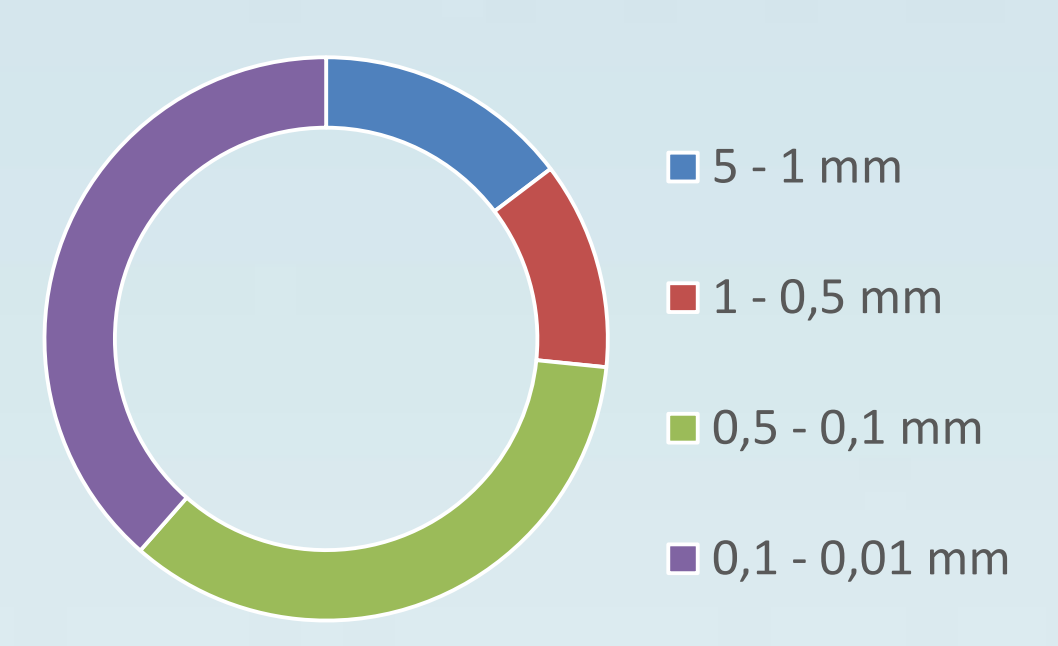
TYPOLOGY FREQUENCY (%)



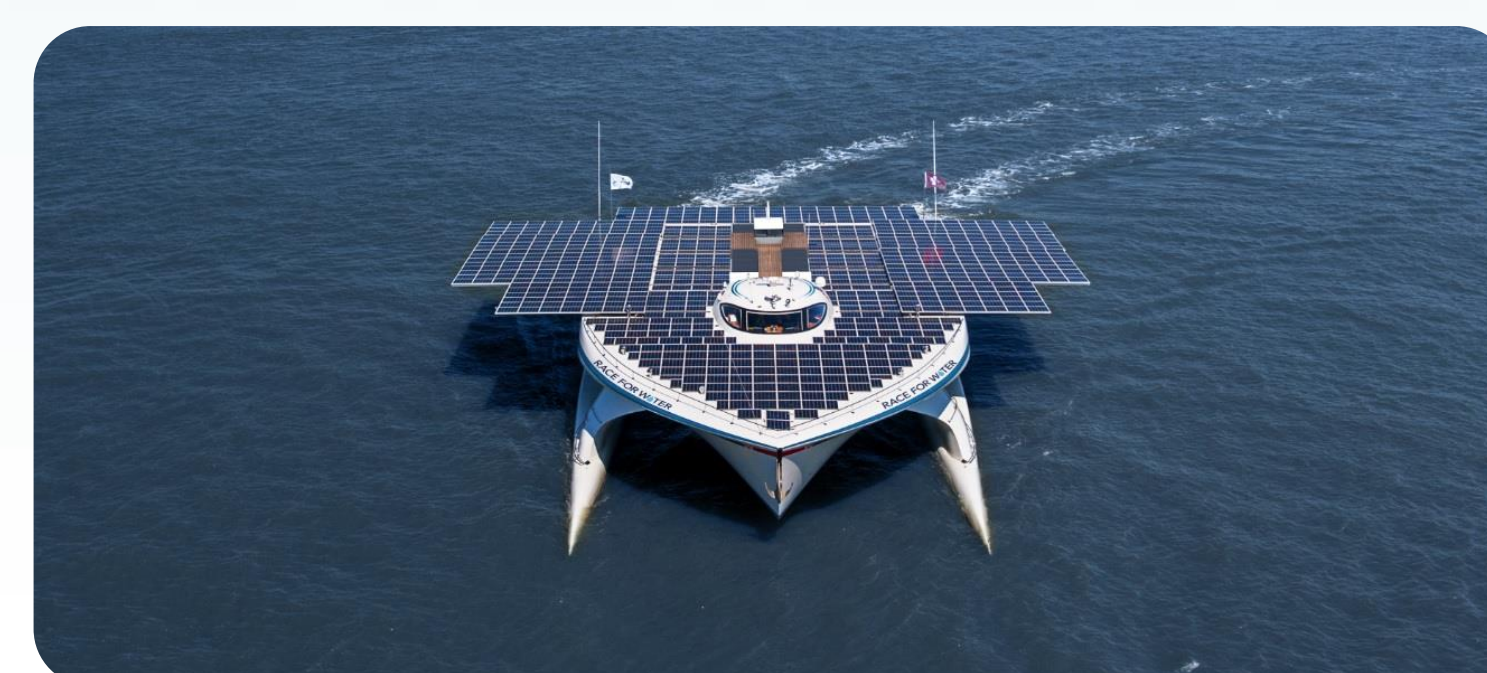
SHAPE FREQUENCY (%)



SIZE FREQUENCY (%)



EPHEMARE scientists joined the 'Race for Water' (R4W) Odyssey 2017-2021, harvesting, sampling and analysing microplastics in Bermudan waters in July and in the waters around Guadeloupe in October this year. The Race for Water Foundation is on a voyage from Lorient to Dubai. Their ship allows researchers to conduct scientific studies in optimal conditions with minimal impact on the environment.



For More Information:



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