Science/policy objectives	Measurement Requirement	Functional requirement
Contribute to: • Rio+20 Commitment #163 (considerable red.) • Sustainable Dev. Goal 14.1 to significantly reduce MP in particular from LB sources including marine litter by 2025 through the establishment of a baseline (shoreline/open ocean) which may contribute to risk-based assessments to prioritize interventions (P/R) and guide policy (soc-ec relevance)	Global Coverage Mean variability Seasonal Cycles **"Chronic" – "Acute"** events Hotspots (influx/accumulation – **known** vs. **ID new ones**) – size-frequency distribution – type of debris - testing of models • Biodiversity sensitive areas • Shipping routes/fishing • Riverine/major coastal cities Indicators RSCAPs: Beach litter Under discussion: floating litter (items/km2) Size? TBD – what is possible? Microplastics (0.5 cm) is important to measure – may not be possible	Differentiation between anthropogenic/organic debris (plastics/polymers important) Satellite etc. detection coupled with ground truthing through • Private sector involvement (shipping/fishing) • Monitoring programmes • Citizen science Dev. complementary tech/apps/platforms to encourage innovation, **share data** (online platform), facilitate stakeholder involvement **incl. research vessels & the GPML**

SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development. SDG targets: 14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution

To consider:

Atmospheric microplastics (synthetic fibres, tyre dust)