

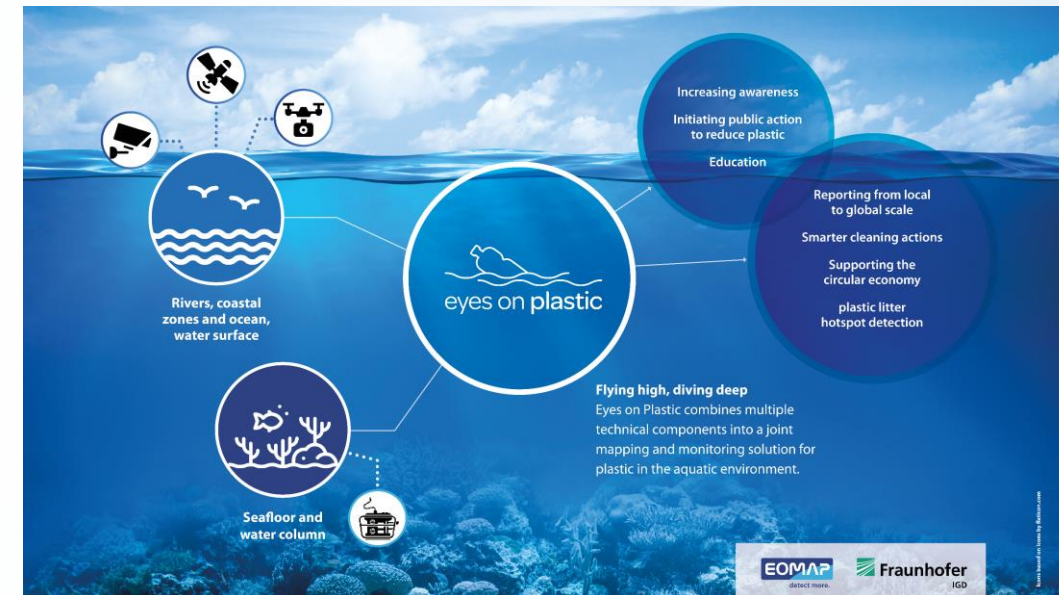
# EO services contributing to SDGs

## Keeping an eye on aquatic plastic litter



- User: Lactec Brazil, The Sea Cleaners
- Challenge/Needs: Reporting aquatic litter pollution from local to global scale
- Initiative: ESA Eyes on Plastic (Feasibility study) to improve the detection, alerting and collection of aquatic litter. The aim of this service is supporting a plastic-less society and circular economy.
- Results: Online data access and visualization for all water-related data types and sources, including EO based data via a user friendly portal/webApp. Mapping and monitoring of plastic litter globally, with results largely depending on the input data (satellite, camera, drone, ROV). For any freely selected virtual test station the 'Eye on Plastic' will provide image data and a proxy for the amount of plastic litter identifying high, medium or low pollution.
- Service Provider: EOMAP

Target 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.



Together with ground data provided by the customer the sensor based information is analysed in the cloud. As a result, the plastic litter amount is provided via a web portal (mock up).

