

# EO services contributing to SDGs

## SargAssure: Sargassum monitoring service

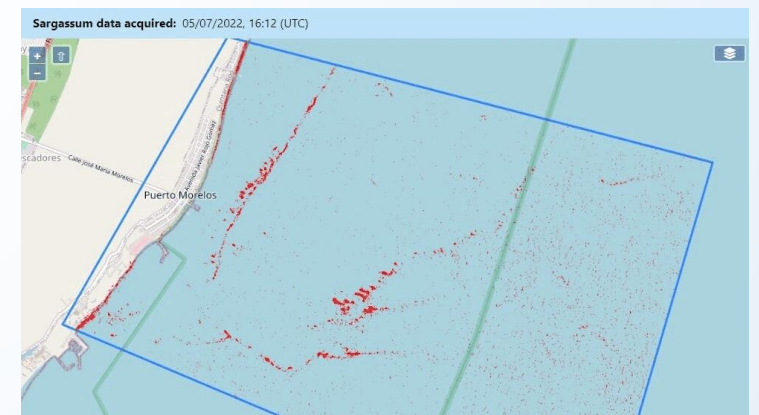


- Users:** Hotels, fishers, local authorities, regional governments, commercial companies collecting and exploiting sargassum.
- Challenge:** For over a decade now massive influxes of sargassum have affected the beaches and coastal waters of the Caribbean and Mexico resulting in significant economic, ecological and social / health impacts.
- Initiative:** This type of monitoring requires high cadence, fine spatial resolution and specific spectral bands which is only provided by Planet SuperDoves. The service automatically delivers tactical information on sargassum distributions after each new image acquisition via email alerts.
- Results:** The service has been deployed as a pre-operational demonstrator for the Mexican Caribbean coast, but is relevant for all areas where sargassum has an impact.
- Service provider:** The demonstrator is currently hosted by the University of Nottingham and supported by Specto Natura and Hybrid Geospatial.
- References:** <https://sargassure.com/>

Target 14.2.: sustainably manage and protect marine and coastal ecosystems with a view to avoiding significant adverse impacts, including by strengthening their resilience, and taking steps to restore them to restore the health and productivity of the oceans.



Sargassum is a free floating brown macroalgae which accumulates on beaches and in near shore waters



SargAssure tracks the sargassum mats (red)