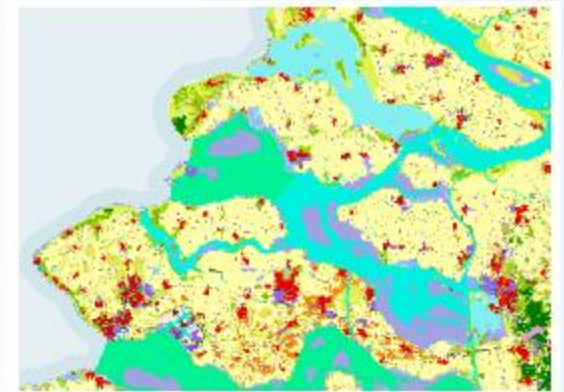


EO services contributing to Biodiversity

Coastal Zone LC map for biodiversity



- **Users:** Policy makers, public authorities, private companies, NGO
- **Challenge:** Identifying Biodiversity Hotspots: detailed land cover and landuse map specific for coastal environment (Coastal Zone LC and LCC)
- **Initiative:** Support to identify and map human activities and natural processes that threaten coastal biodiversity, such as pollution, habitat destruction, and climate change impacts. Understanding these pressures helps prioritize areas in need of protection. Product developed as part of the Copernicus Land portfolio (EEA funded). This product can be adapted to coastal environment outside Europe
- **Results:** the product supports the Integrated Coastal Management (ICM) as an approach that aims to balance the environmental, social, and economic aspects of coastal areas to ensure their sustainable development. Quantifying Habitat Types within coastal areas, such as mangroves, salt marshes, seagrass beds, and coral reefs. Each habitat type supports unique biodiversity and provides specific ecosystem functions. Easy to use in GIS and Modeling Tools to integrate various data layers, analyze spatial patterns, and prioritize areas for conservation based on multiple criteria.
- **Service provider:** Planetek Italia and Planetek Hellas
- **References:** [Coastal Zone LC and LCC](#)



Coastal Zone Land Cover map



Coastal environment

