WATERLINES
The waterline processor automatically determines the extent of the land-sea boundary from a satellite image. These waterlines are then projected using auxiliary data to provide a datum-based shoreline.

SHORELINE TIME-SERIES
Continuous shorelines can be mapped over decades using the Sentinel satellite data. Coastal change associated with seasonal variation, storm events and long-term trends can then be determined.

LAND USE ASSESSMENT
Land use maps help in the characterisation of risk for coastal management. The landward boundary of the littoral zone is delimited through three main coastal areas: the backshore, the buffer zone and the beach.