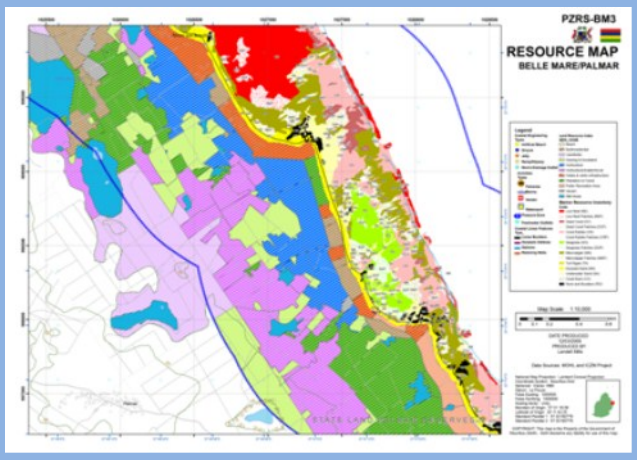
ENVISION MAPPING

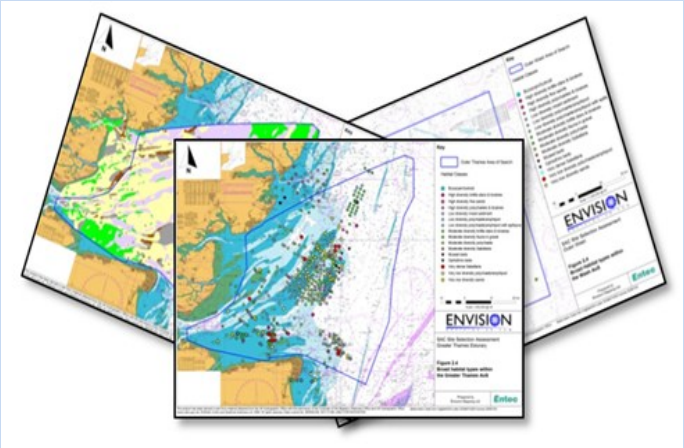
MARINE & COASTAL GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Mauritius Coastal GIS: A GIS of offshore islands of Mauritius was produced to help set up a new national park. This led to a programme to establish coastal management in Mauritius and develop an even more comprehensive marine and coastal GIS. **Envision** provided expert advice and information to deliver the improved GIS, database, and associated materials and recommendations.

Envision also surveyed and collected data from coastal and marine areas to produce habitat maps and identify and assess issues which may affect existing infrastructure and/or impact future developments.



A resource map to support coastal management for Mauritius



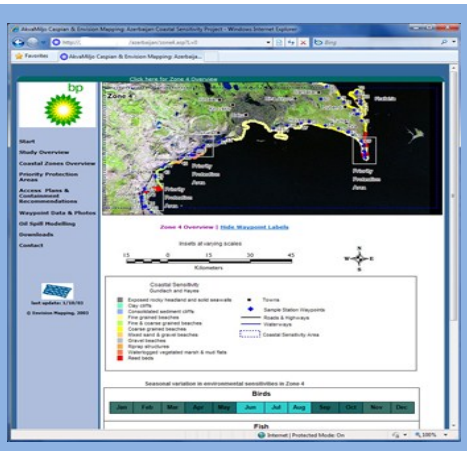
Example outputs from the Wash and Thames GISs

Wash & Thames Marine GIS: In order to investigate possible sites for marine conservation, **Envision** produced GIS for two areas in the Wash and Thames estuary.

The GIS combined data from a variety of sources to explore past and current activities in the areas and enable decisions to be made about the resources in the future. Spatial modelling of survey data and other datasets was used to identify areas that had high conservation value, and allowed a transparent and justified approach to be taken when sites were proposed as conservation areas.

Coastal GIS for Oil Spill Response: Due to an increase in operations of the oil industry in Azerbaijan, **Envision** were contracted to produce an online GIS of the coastal region. This GIS incorporated new field data to identify access routes, digital photographs to assist in site identification and action plans for sensitive coastal habitats.

The GIS was accessed via the internet using a bespoke interface developed by **Envision** to provide uncomplicated access to the system and allow simultaneous access for multiple users.



Online coastal GIS for Azerbaijan with interactive waypoints, environmental information and documentation

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