



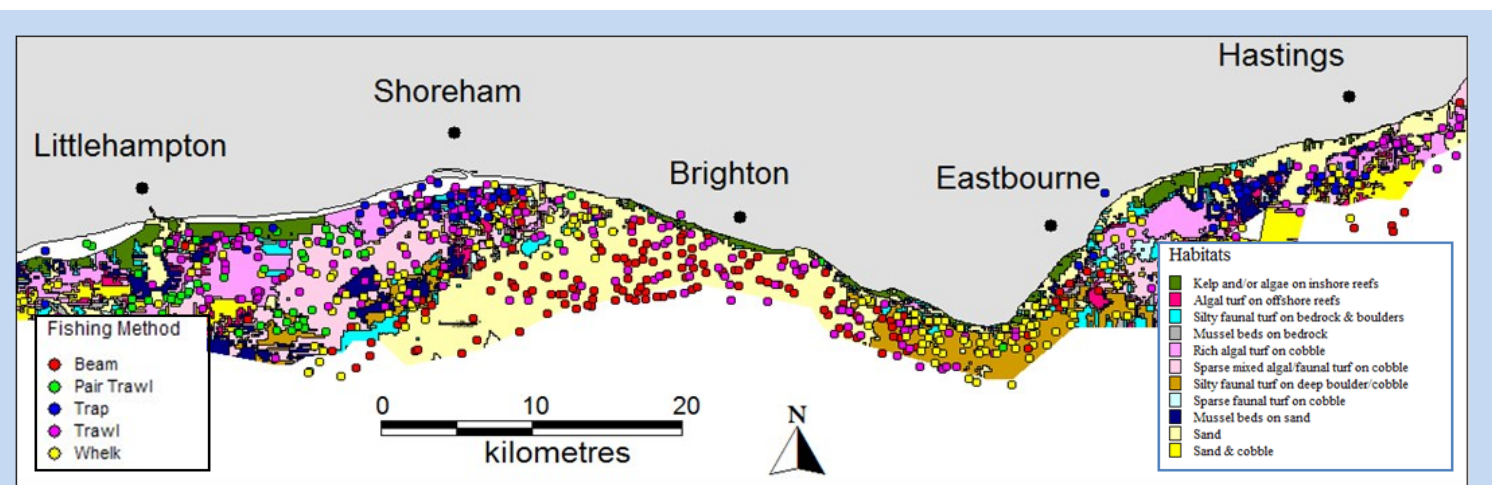
FISHERIES MANAGEMENT SUPPORT

Habitat Maps to Support Fisheries Management:

Envision has worked with sea fisheries committees to map habitats that are vital to understanding and managing fisheries and their impacts on sensitive areas. Fishing activities, such as those recorded by the Sussex Sea Fisheries Committee in inshore water sightings, often follow the habitat distribution very closely. Maps provide a good visualisation of the nature of fisheries and potential overlap with areas of conservation importance and other coastal activities.

Envision:

- Undertook benthic habitat mapping surveys.
- Provided GIS and data visualisation support.



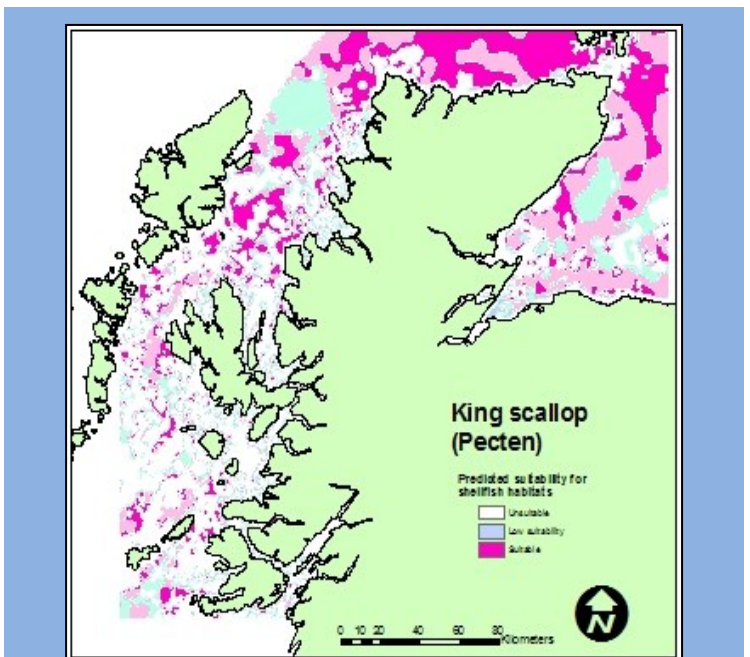
An Envision survey of the habitats off the Sussex coast with fishing activity overlain (data from the Sussex Sea Fisheries Committee).

Fisheries Activity Modelling:

Information on fishing activity in relation to species habitat preferences is often unavailable for large sea areas. The Highland Shellfish Management Organisation needed to know the best estimate for the distribution of fishing activity for a wide range of commercially fished species to identify potential conflicts between the different fisheries.

Envision:

- Undertook GIS modelling of habitats based on the information available from a wide variety of sources.
- Investigated habitat preferences for commercial shellfish.
- Translated information and data on fish landings and fishing activity into fishing intensity maps.



Map showing habitat suitability for King Scallop