

UKDMOS

The UK Directory of Marine Observing Systems

www.ukdmos.org

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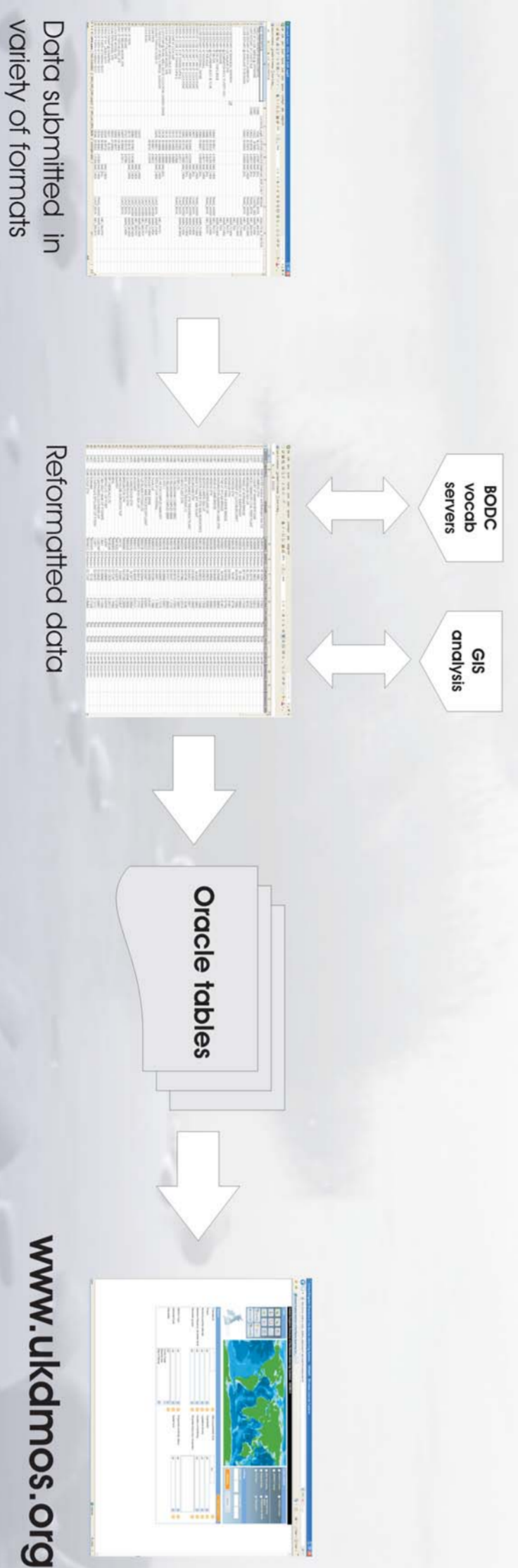
What is UKDMOS?

The development of a strategy for marine monitoring in the UK required an application that would allow the interrogation of monitoring programmes to assist co-ordination across different organisations. BODC recommended building on an existing European structure and lessons learnt from the NERC data grid project and was subsequently tasked to build and populate the application.

This application will:

- allow interested parties gaining a better understanding of marine monitoring carried out in the UK, and,
- identification of where sampling can be better coordinated between organisations leading to a more efficient use of resources such as ship time,
- and the ability to evaluate if current monitoring is sufficient to provide data to meet UK scientific objectives.

How is UKDMOS populated?



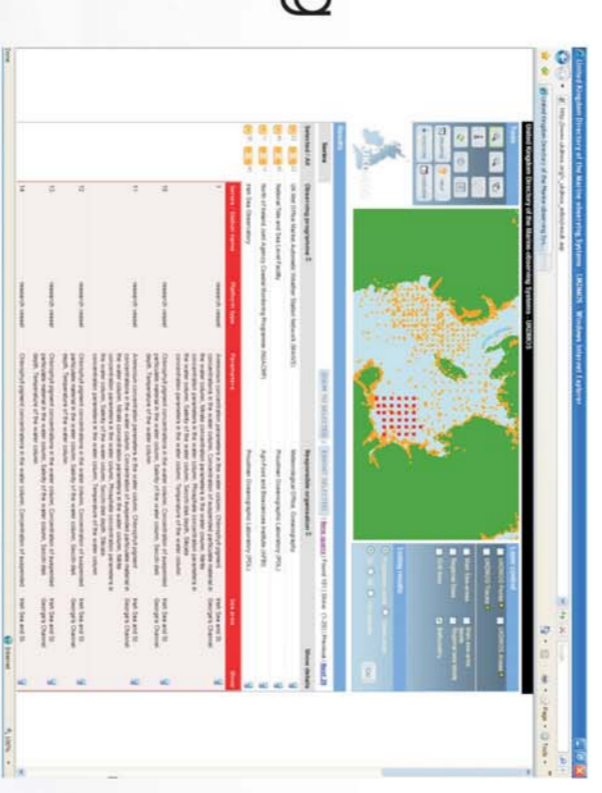
Data is collected in a variety of formats, (e.g. excel files, GIS shapefiles etc), which are reformatted using BODC vocabulary lists which can then be submitted to the ORACLE tables, to be used by the web delivery site and graphical interface.

How do I use UKDMOS?

1 The 240 monitoring programmes currently entered which are global in their distribution, may be searched spatially using GIS and/or by organisation, parameter groups, frequency, legislative driver etc



2 Locations of each monitoring programme are displayed using GIS and further details provided with links and contact details, thereby acting as a tool for promoting coordination and improved decision making.



3 An export (.csv file) of the information is available to download which gives summary details of each programme.



How is BODC involved?

The project is a good example of transferring knowledge between a European project, NERC, and the wider UK community which has helped reduce development costs significantly and ensure compatibility. The application is now being considered by the Environmental Research Funders Forum as a suitable model for all environmental sectors.