

ABOUT THE PROJECT

The sustainable management of the marine environment requires timely and informed decision-making based on the most accurate and up-to-date information available to support coastal development and environmental protection planning. Currently access to quality information about the marine environment to support decision-making processes can be difficult and slow.

This project will facilitate a single point-of-access to the most up-to-date and authoritative marine information available to support timely decision-making for a diversity of interests and activities associated with the Western Australian marine environment.

Marine based data sets from State Government agencies will be prepared for inclusion onto the Shared Location Information Platform (SLIP) Future www2.landgate.wa.gov.au/slip and where indexes and metadata made available via the Australian Ocean Data Network (AODN) website, <http://portal.aodn.org.au/webportal/>, the data preparation work will include the development of systems and processes to ensure that the data management practices within the agencies are of a standard able to maintain the datasets.

State government marine and coastal spatial datasets that are of high use and value are to be packaged and formatted for ease of use.

- Increase efficiencies in the way state government organisations access and manage marine spatial information.
- Increase inter-agency and inter-governmental collaboration of marine data maintenance and distribution.

This project is approved and has received funding as part of the **Location Information Strategy**. Additional details can be found in the Business Case proposal for the **Location Information Strategy** program of work document (*LIS Business Case Project 053_0.720120313.doc*). Project goals will be delivered by a team of full time temporary staff. The primary base for all staff will be the Department of Transport in Fremantle, however there will be extended periods of time where the team will spend time working at other state government department locations.

The **WALIS Marine group** formulated an interim list of prioritised datasets as a starting point for this project. A review by the WALIS Marine group and the Project Manager will determine the priority of work on all identified datasets. This prioritisation will support the overall **Regional and Urban Scenario Planning project** and provide a regional focus in its approach.

Each dataset will be prepared for inclusion onto the **SLIP Future web portal**, and indexes and Metadata for inclusion into the **AODN web portal**. This will involve determining the most appropriate format. Most datasets will likely be supplied in several formats or styles. Format refers to electronic format such as *JPG*, *TIFF* or *PDF* for images, or *DWG*, *DXF*, *DGN*, *SHP* for drafting or GIS formats. Style refers to how the data will be delivered e.g. as single state wide files, or tiled, or location based, or some other organisational method. For each dataset the process will be developed in close consultation with agency staff that provides a sustainable system for updating and managing the dataset.

Geographic coverage of the Datasets is along the Western Australian coastline, and in some instances focus on the priority areas with a marine and/or coastal infrastructure interest. e.g. Barrow island (environment protection, Karratha (coastal infrastructure) etc.

