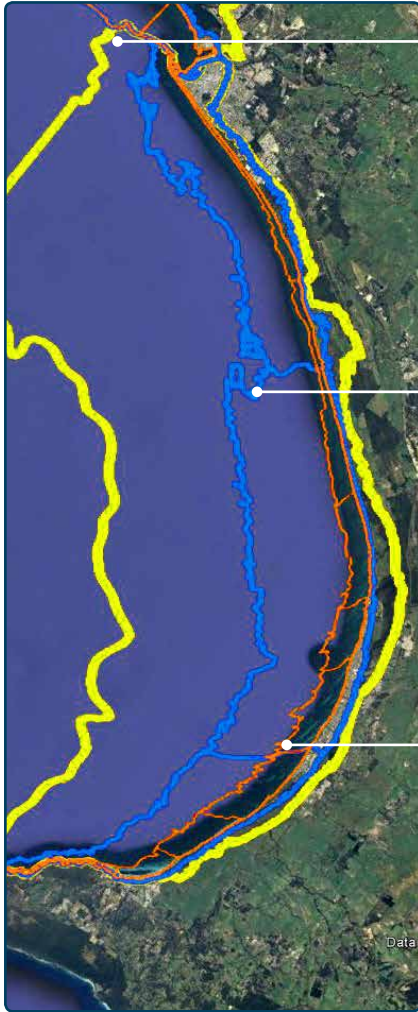


What are sediment compartments?

Looking at the coast at different scales can help people make better decisions around coastal land use.

Sediment compartments are spatial units along the coast, based on sediment movement and coastal types.



Primary compartments

Use for long-term strategic plans and large-scale engineering works, such as marinas



Defined by **large landforms**, such as headlands and rivers



Used in **long-term** management decisions



Secondary compartments

Use for regional planning and engineering decisions, such as sea walls



Defined by sediment movement on the **shoreface**



Used in **medium-term** management decisions



Tertiary compartments

Use for detailed impact studies and local management plans for vulnerable areas



Defined by sediment movement in the **nearshore area**, often individual beaches



Used in **short-term** management decisions



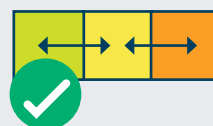
CoastAdapt provides access through Shoreline Explorer to secondary compartments and sensitivity ratings. Each compartment is given a sensitivity rating from 1 (low) to 5 (high) which evaluate sensitivity to erosion and flooding.



Using the sensitivity of sediment compartments in management decisions



AVOID locating infrastructure in parts of compartments which are highly sensitive and so likely to erode



CONSIDER neighbouring compartments if sensitivity is high or development is close to them



GET ADVICE where sensitivity is medium to high (rating of 4 or 5)