



STAGE 4 SUMMARY – PART A

WHAT DID WE DO WITH THE NEW AND COLLATED INFORMATION?

Following the completion of the Conceptual Sediment Budget, the various options assessments could commence for the ongoing management of sediments within the port. Assessments were undertaken to identify potential options to avoid or reduce maintenance dredging and disposal activities, or to beneficially reuse the dredged material.

At this stage of the project, any options assessed as potentially feasible were subsequently evaluated by GPC and its stakeholders as part of an objectives-based process. The aim of this open and transparent evaluation process was to narrow down the options worth progressing to feasibility studies.

STAKEHOLDER ENGAGEMENT

To ensure that genuine, transparent and robust stakeholder consultation was undertaken throughout these assessments, GPC's process was based on Structured Decision Making (SDM). This approach encompasses both the technical consequences of an activity/ option with the values that stakeholders consider important.

GPC developed a Stakeholder and Engagement Plan and used the SDM guide to plan genuine and meaningful engagement.

Three stakeholder forums were undertaken for the project, each with a different engagement goal.

FORUM 1

Forum 1 provided a project overview to the relevant stakeholders and gained an understanding of what they valued. Using previous stakeholder feedback to GPC and other external examples, GPC drafted a list of sustainability values in the form of 10 objectives and associated measures. The aim was to capture what was important to the stakeholders and how this can be measured.

During the forum, the Objectives and Measures were challenged, built on, and refined, providing 12 Sustainability Objectives (aspects with associated descriptions) as shown in Table 1, and their related measures. This outcome was provided to the

specialists GPC had engaged to undertake the options assessment, as described in Stage 3.

FORUM 2

In Forum 2, the options from the Stage 3 assessments were presented to stakeholders, including the explanation of the online surveys they needed to complete in order to do their evaluation.

FORUM 3

Forum 3 was used to present and discuss the subsequent results and any feedback the stakeholders had with this process.

The results as shown below in Figure 1 were used to decide which of the options were suitable to progress to feasibility studies.

Table 1: Final Objectives following feedback from Stakeholder Forum 1.

ASPECT	OBJECTIVE
Environment	Maintain or enhance the environment of the port and protected areas.
Resource use	Minimise the use of resources and release of associated emissions.
Legislative requirement	Minimise the complexity of statutory processes and meet existing legal requirements.
Health & safety	Maintain or enhance the health and safety of all port users or sediment end users.
Cultural	Maintain or enhance the cultural and historical heritage within the port.
Social	Maintain or enhance social activities and opportunities.
Port operations	Maintain or enhance port operations and future development opportunities.
Cost	Enhance the cost effectiveness of the option.
Economics	Maintain or enhance the economic opportunities for the region.
Methodology	Minimise the uncertainty of the option not working.
Innovation	Enhance the use of innovative options.
Longevity	Enhance the capability for a long-term solution.

Figure 1: Results of the stakeholder evaluation.



MORE INFORMATION

For more information on the Sustainable Sediment Management Project (SSM Project), visit gpcl.com.au/ssm-project.