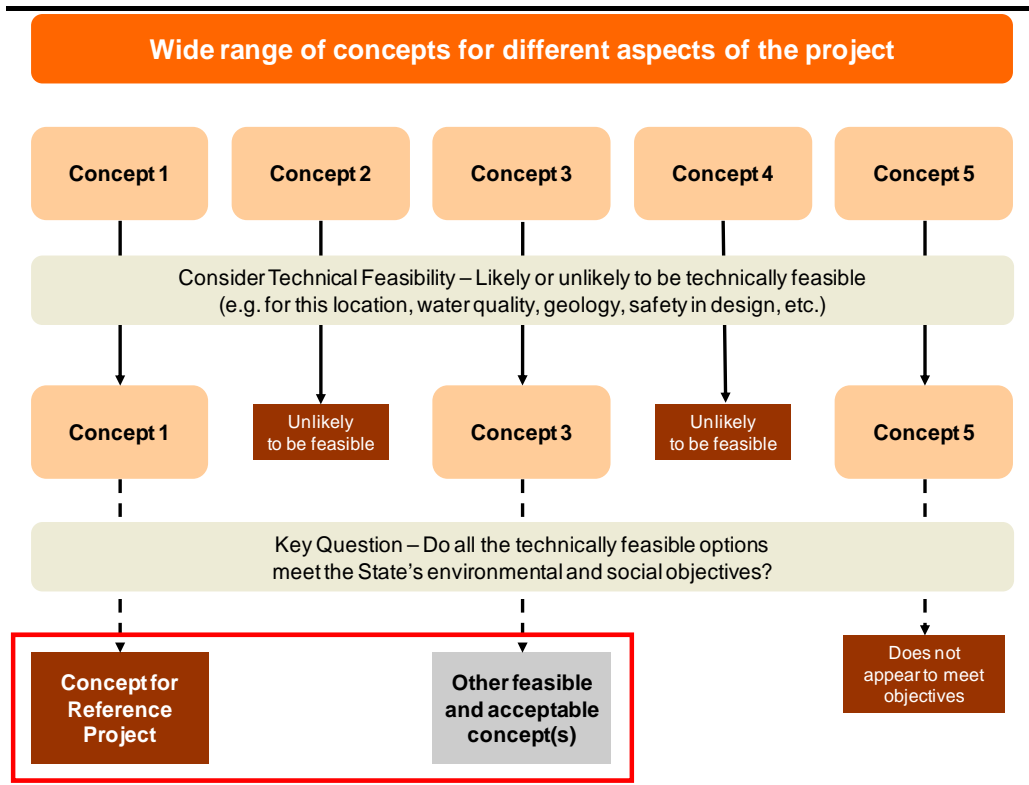


2 UPDATING THE EIS REFERENCE CASE

As outlined in *Volume 2, Chapter 2* of the Queensland Curtis LNG (QCLNG) draft environmental impact statement (EIS), the EIS Reference Case presents the development concepts deemed feasible for each of the Project Components, and the process and rationale behind their selection. A summary of the process for establishing the EIS Reference Case (as also presented in the draft EIS), is illustrated in *Figure 2.2.1*.

Figure 2.2.1 EIS Reference Case Process



Subsequent to the submission of the draft EIS, this process has continued with refinements to concepts both for design and construction. *Volume 2* of this supplementary EIS (*Chapter 3 to Chapter 17*) provides an update of the Reference Case which forms the basis for impact assessment throughout the remainder of this supplementary EIS.

So far as possible, given the stage of the Project and ongoing design, the EIS Reference Case provides information regarding the nature of the proposed technology, its location, expected footprint and role within the Project.

2.1 BG GROUP'S VALUE ASSURANCE FRAMEWORK

As noted in the draft EIS, the QCLNG Project is guided by BG Group's Value Assurance Framework (VAF) which is an assurance process that independently reviews critical elements of the project to assure that a project's

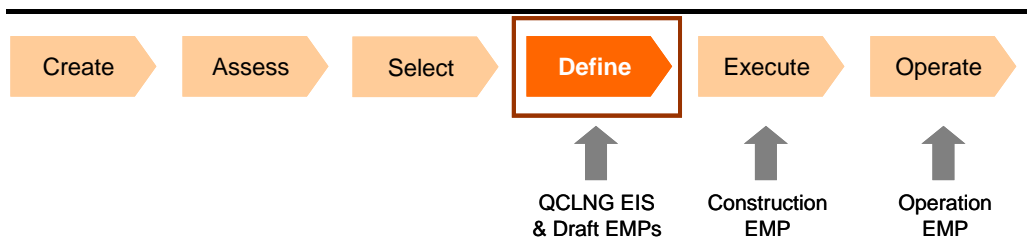
value is maximised and risks are managed and understood. Additionally, this process aims to ensure that all BG Group projects meet BG Group's social and environmental objectives and stakeholder expectations, while being economically and technically feasible.

The Value Assurance Framework is summarised by the following stages of the Project development cycle (see *Figure 2.2.2*):

- **Create:** identification of a project opportunity and developing scenarios/options for further investigation
- **Assess:** assessing the feasibility of the range of options
- **Select:** selection of options for further investigation
- **Define:** definition of the preferred options through detailed front-end engineering and design (FEED)
- **Execute:** execution of the Project through procurement, construction and commissioning
- **Operate:** operation of the Project.

The draft EIS for the QCLNG Project was prepared during the Select stage of the VAF in parallel with the ongoing process of concept selection and evaluation. This supplementary EIS has been prepared with Project Components having moved into the Define phase, although the level of definition for each Project Component varies and engineering work is ongoing.

Figure 2.2.2 The QCLNG Project EIS within BG Group's Value Assurance Framework



An outcome of the ongoing and iterative process of development and refinement from the Select, through Define and into the Execute stage, is that various aspects of the Project remain under investigation and are not yet finalised, or will be subject to further detailed design. Generally, the refinements going forward will be of a more detailed nature rather than major variations in the selected concept. The EIS Reference Case therefore aims to reflect a conservative description of the Project to ensure that the assessment of direct, indirect and cumulative impacts has considered the range of feasible options under investigation.