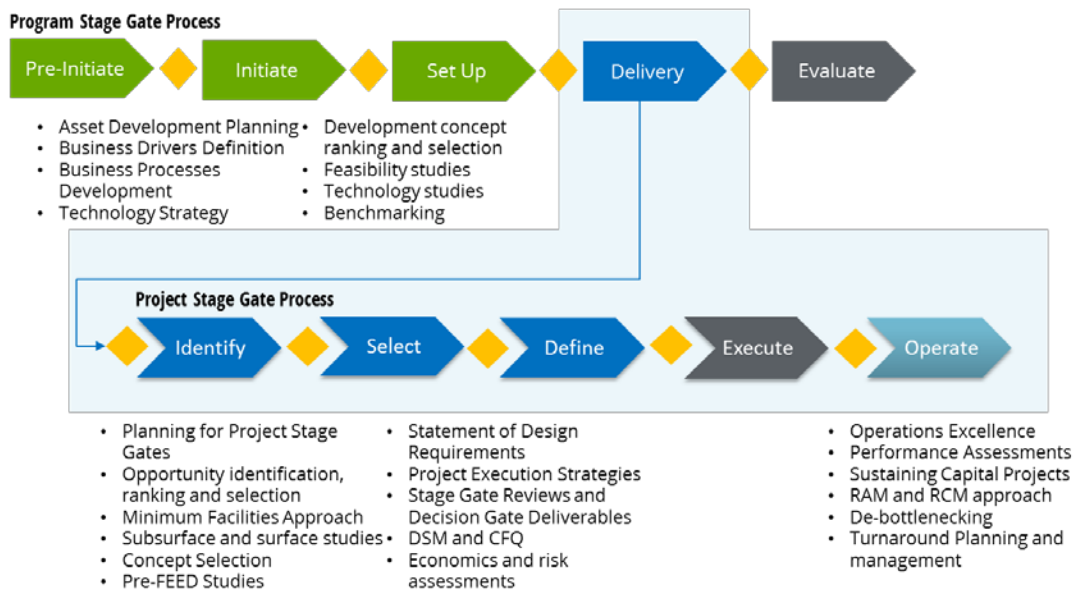




STAGE GATE INDEPENDENT PEER REVIEW

GPO & Associates provides a major Oil Sands player with independent peer review support, and shares expertise and knowledge for the SELECT Gate of their well pad development program and standardized well pad design, providing recommendations that drive to capital efficiency improvements.



BACKGROUND

An international oil and gas company with established Oil Sands assets commencing a \$600 million well pad development program engaged GPO & Associates to provide independent support for their SELECT Gate peer review and expert insight into optimizing well pad standardized design concepts.

WHAT WE DID

GPO & Associates worked with the client to:

- Provide feedback on the SELECT Gate peer review process to find areas of improvement.
- Review the content of the SELECT Gate material to identify gaps and omissions.
- Give technical input to the subsurface and surface facilities design basis.
- Provide subject matter expertise on well pad optimization, standardization and cost reduction opportunities.

OUR IMPACT

GPO & Associates delivered:

- Process improvement opportunities.
- Opportunities to deliver improved cost efficiencies.
- An approach to optimizing well pad surface facilities design with subsurface development plan and drilling and completions design.



GPO & ASSOCIATES' APPROACH TO STAGE GATE AUDITS AND PEER REVIEWS

GPO & Associates has extensive experience in designing, modifying and optimizing Portfolio, Program and Project Stage Gate Processes across the oil and gas industry.

GPO & Associates recognize that best-in-class Stage Gate Processes are focused on delivery of a structured decision-making process, fit for purpose to deliver business objectives further refined into Asset Development and Project objectives. GPO & Associates' range of services are summarized below:

- Strategy Definition (LRP, Program, Project)
- Design (tailored to company needs)
- Implementation (Process)
- Training Support (Executive, and Program and Project Teams)
- Tools and Processes (Definitions)
- Independent Peer Review (Participation, SME's)
- Independent Gate Review Support (Participation, SME's)
- Front-End Loading Studies and Support
- Manual and Procedure Preparation and Technical Writing Support

Our Consultants engaged in Audit and Peer Review, while focused on review of technical detail, will ensure that recommendations drive to delivery of Corporate Business Drivers, Asset and Project Objectives, and KPI's.

Aligning decisions to business drivers

- Business driver focus
- Combining surface and subsurface expertise
- Industry experience
- Objective view
- Gate readiness
- Project maturity review
- Structured template process



Key Theories

1. Business drivers and design and execution philosophies should be established by Management.
2. Develop a minimum project performance standard in conjunction with the project performance standard.
3. Establish a risk, cost and value assessment for each selected performance standard that is greater than the minimum.

Advantages

- This approach drives **decisions** based on standards selected that **align with business drivers**
- **Clear objectives** are established by defining performance standards to be used by **multi-disciplinary teams**
- Inputs are validated both quantitatively and qualitatively **assessing cost** against **value** and **risk**
- A Statement of Design Requirements (SODR) ensures that **business drivers** of the project can be met **before** entering define/execution stage

For more information, please visit
www.gpoassociates.com



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