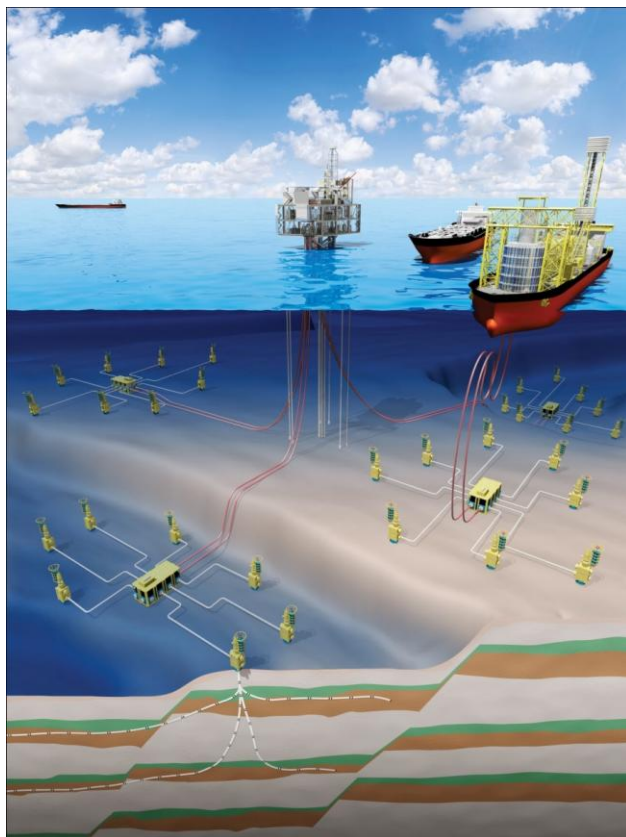


Bombora-ESP's multi-disciplined group of engineering specialists provide our clients with advice and solutions formulated from decades of experience at the forefront of upstream field development planning, execution and operations. The team's wealth of experience can be used independently or to supplement our client's team.



Opportunity Realisation

It is well recognised that value creation opportunities are highest in the early stages of a project, as such front-end loading (FEL) is an important process in any new development. To seize such opportunities requires experience, an open mind and broad expertise. Proper application of FEL requires creativity and innovation to be balanced by a proper understanding of the risks and limitations of new and exciting ideas.

We work in partnership and in close co-operation with our clients, who may be owners /operators or potential investors. Our goal is to assist clients in achieving an optimum development plan for their hydrocarbon discoveries. Our specialists provide

expertise in planning and execution services to support key stages of client's decisions making process.

Bombora-ESP's team of industry professionals have extensive experience in:

- Field development planning.
- Asset optimisation.
- Integrated planning.
- Project management of large capital projects.

We assist our clients to develop and manage their plans for value creation by:

- Helping to assess the merits and value of their project.
- Ensuring that there is clear understanding between their business needs and project objectives.
- Assisting in development of strategic plans for each key stage of the project.
- Developing a risk management framework and quantification of risks at each key stage of the project development.
- Auditing the project at each key stage of its development for its completeness before embarking on the next stage.
- Assessment of the value preservation or leakage.

Bombora-ESP typically undertake this work with the client team in facilitated workshops.



Assurance Checks

Assurance checks support the milestone decision points required to move to the next project realisation phase. They provide the Decision Makers (both technical and commercial) with the assurance that the recommendations are sound and will deliver maximum value.

There are a number of assurance checks which our expert team can support including:

- Project initiation reviews.
- Feasibility reviews.
- Field development plan (concept selection) reviews.
- Final investment decision reviews.
- Pre-start-up reviews.
- Bench-marking reviews (FEL assessment).
- HSER reviews (including HAZID, HAZOP, SIMOPS, etc).
- Estimate assurance reviews.
- Peer reviews.



Peer Assists

Bombora-ESP supports its clients by offering the following services in relation peer assist teams or team members, for:

- Problem solving reviews.
- CAPEX risk assessments.
- FMECA's.
- Constructability reviews.
- Cold eye reviews (SWOT analysis).
- Tender package review (pre-issue).
- Tender evaluation.

You can be assured of our complete independence. We are able to make technical decisions free of commercial and political pressure.

3rd Party Verification and Validation

Through verification and validation Bombora-ESP helps ensure that a product, service, or system meets specifications and that it fulfils its intended purpose.

Regulatory authorities across the world have moved or are moving from a traditional prescriptive regime to a goal-setting regime with functional requirements where safety must be demonstrated based on risk considerations.

Bombora-ESP's transparent and independent approach assures that an activity, product, facility or service is in compliance with specified requirements of owners, authorities and other stakeholders, thereby ensuring a successful project and safe operations in-service.

Bombora-ESP is able to implement a Risk-Based Verification (RBV) method which is a structured, systematic process, using risk and cost-benefit analysis to strike a balance between technical and operational issues and between safety and costs. It ensures that an appropriate focus is directed at high-risk elements, making verification less subjective and arbitrary.

We recommend that verification activities are started as early as possible, i.e. during the feasibility and conceptual design phase. In the early phases, changes can be made with minimum cost and schedule impact.

Audit and Expert Witness Service

Bombora-ESP supports its clients (who may include insurance companies, loss adjusters and banks) by offering the following services:

- Audits of ongoing projects.
- Due diligence studies.
- Technical advice on contractor claims;
- Condition assessments.
- Repair philosophies and estimates following system failures and incidents/ accidents.

Please contact us to discuss your needs and requirements in more detail.