

An aerial photograph of an industrial gas processing facility. The site is filled with numerous green modular units, likely gas compressors, arranged in rows. A large, silver, cylindrical storage tank stands prominently in the center. The facility is surrounded by dirt roads and some greenery. The GPA logo is overlaid on the top left corner.

GPA

Improving Modular Gas Compression

Design, Construction and Commissioning Sequencing

Consult
Engineer
Deliver

Ideas
Realised

Acknowledgement of Country

We acknowledge the Traditional Owners of the lands on which we meet today, the Turrbal and Jagera people and pay our respects to their Elders past and present.

We recognise their enduring culture and their continuing connection to the land, water, and community that we all share.

*Silk painting artwork created by GPA Engineering staff with
Tjimari Sanderson-Milera from Kumarnintha Cultural Education*

Improving Modular Gas Compression



Outline

- › Why we're changing
- › The Project Sequence
- › Sequencing Innovations
 - › Design
 - › Construction
 - › Commissioning
- › Conclusion

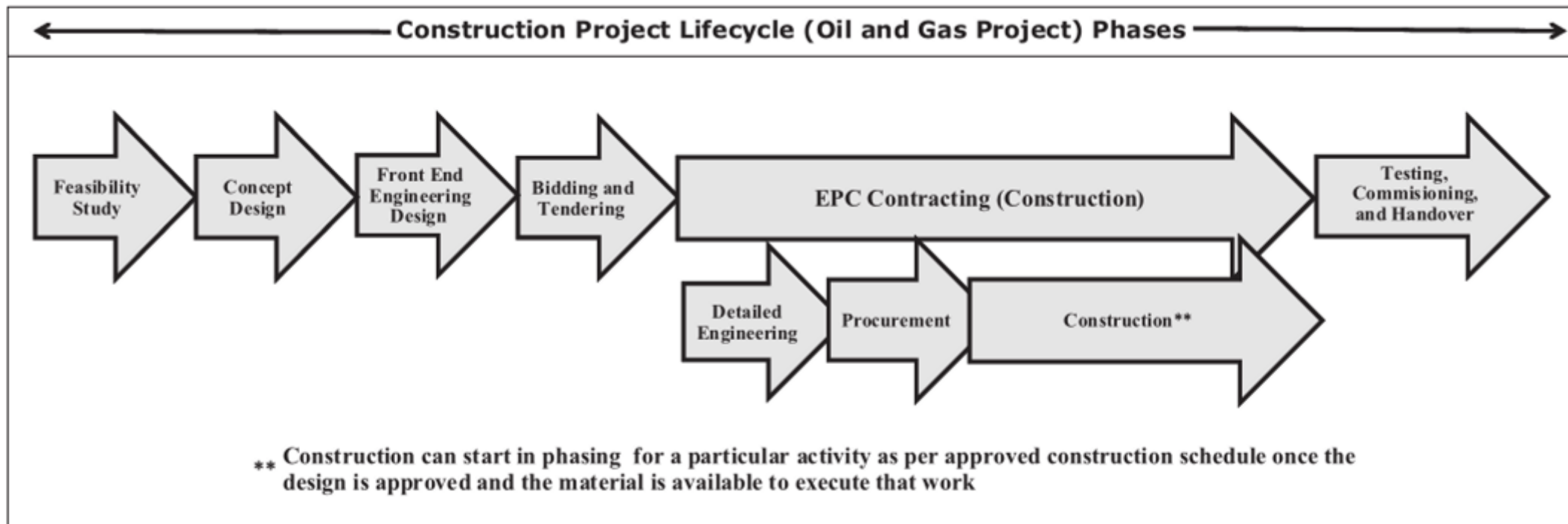


Modular Gas Compression – Why

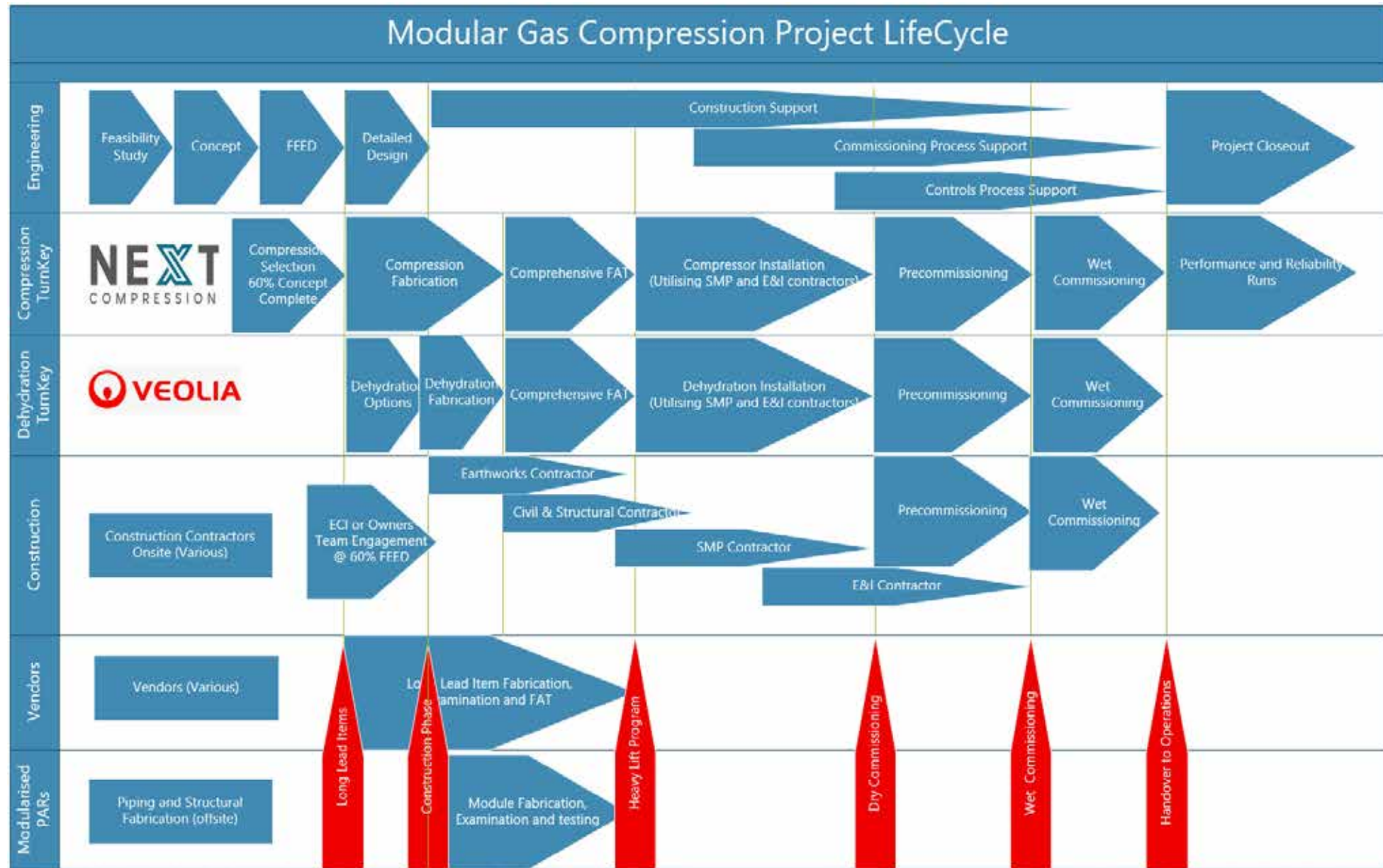
- › Australia not traditionally a technology owner
- › Strict regulatory environment
- › Primary Resources generally remote
- › Lack of skilled labor
- › High labor costs
- › Energy Transition



Traditional Project Sequence - EPC



Modular Gas Compression Project Sequence



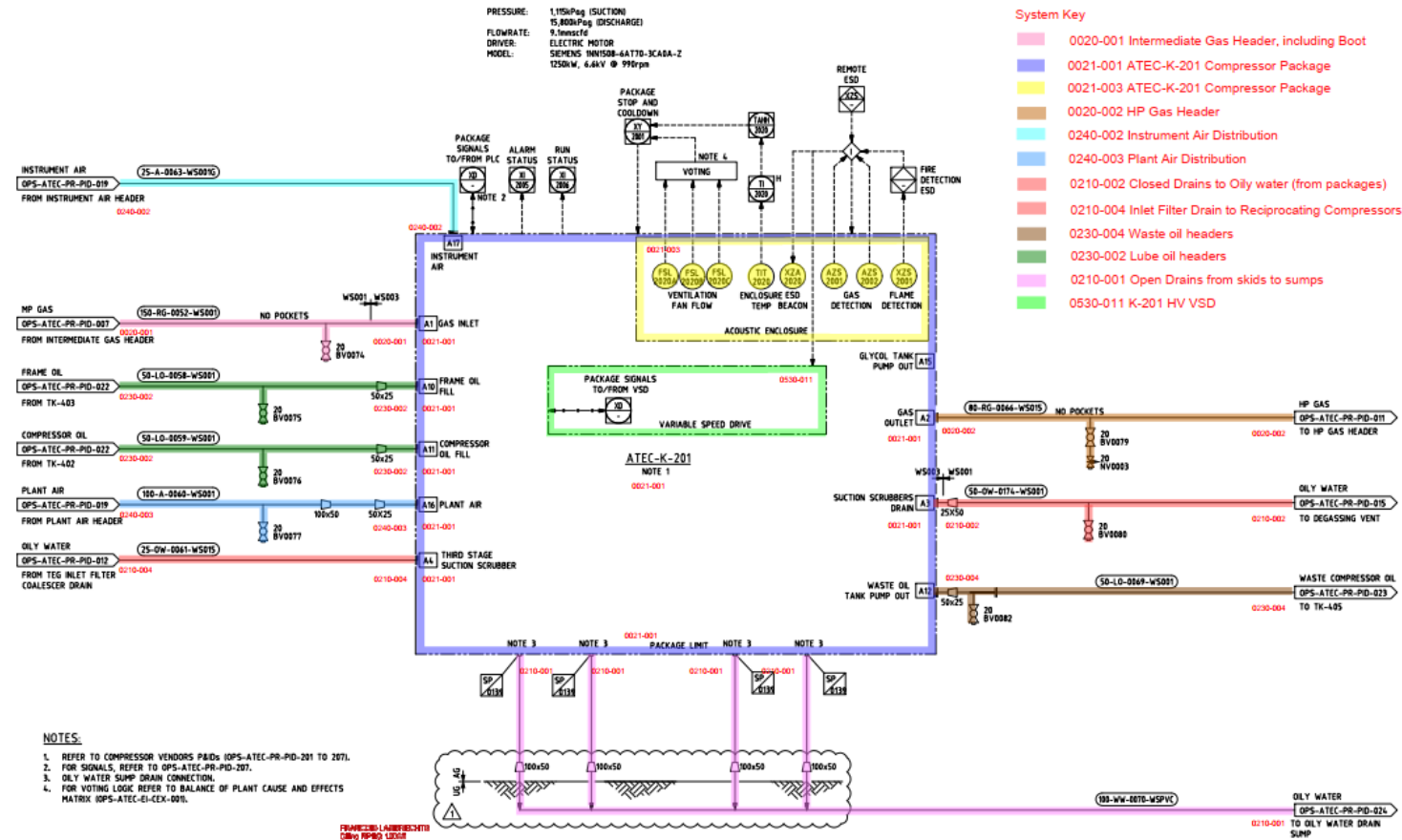
Design – 3 Gas Trains in One



Design – 3D Visualisation for every aspect of the design



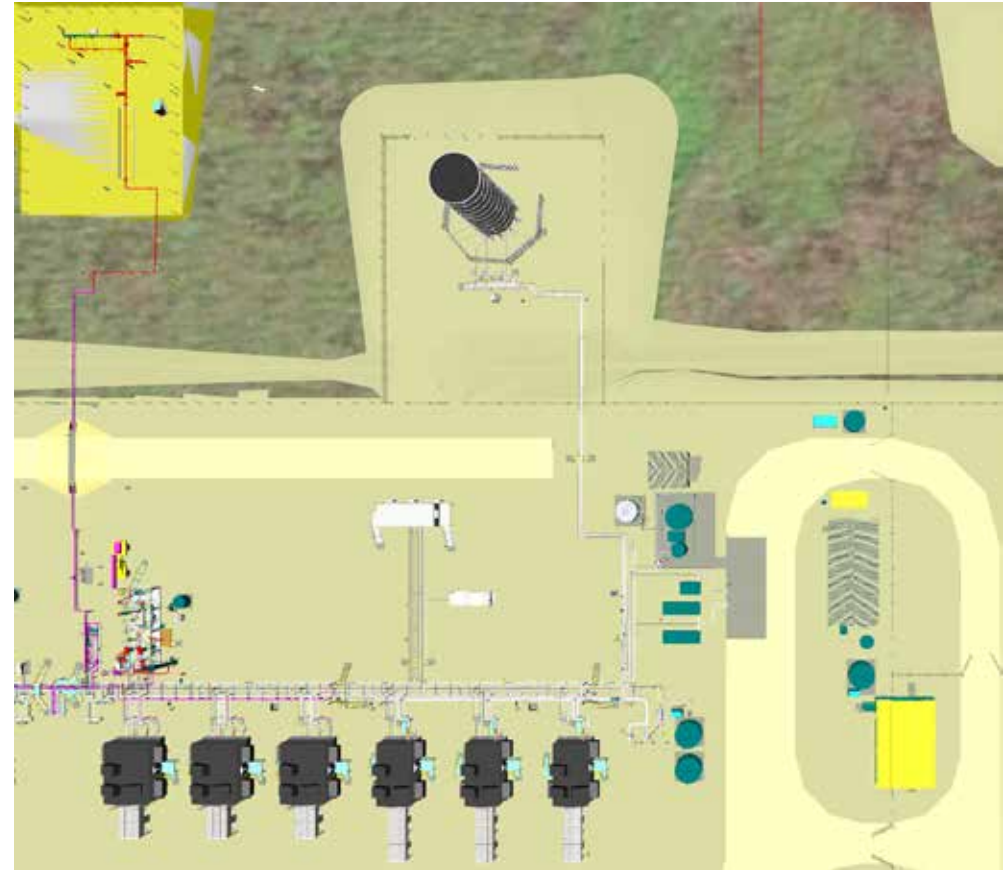
Construction – Early Definition of Handover Packages



Construction – Simplification of Construction Processes Onsite



Commissioning – Flexibility of Commissioning and Operation



Commissioning – Selection of Resilient Technology



Conclusion – Delivering Energy Reliably





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