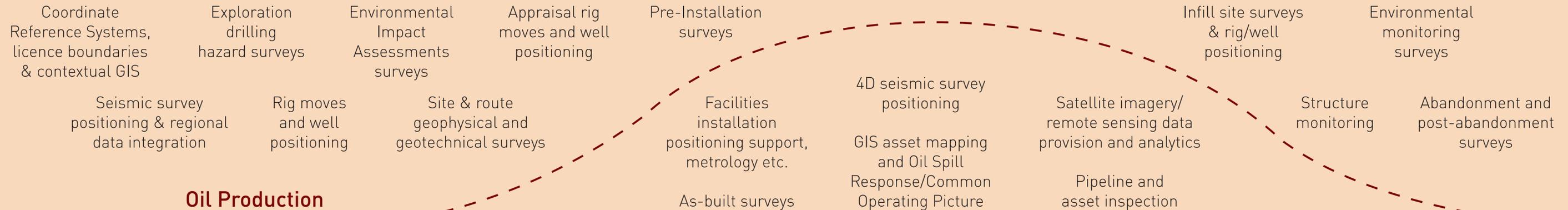




## SURVEY AND POSITIONING INTEGRITY AND GEOSPATIAL DATA MANAGEMENT ACROSS THE FULL FIELD LIFE CYCLE



### What does the Geomatics Committee do?

The Committee provides technical expertise on geodetic, remote sensing, geophysical, survey and positioning and geospatial information topics.

- We promote knowledge exchange and continuous improvement in the quality and integrity of geospatial data in the energy industry.
- We develop and disseminate sound geomatics principles and practices, to benefit safe and efficient operations.
- We advocate the industry's position to address regulatory changes which have implications on the geodetic and spatial integrity of survey operations and geospatial data.
- We engage with relevant stakeholders to identify and address concerns, raise awareness and collaborate, in order to improve the industry's reputation.

### Work streams for 2024 and beyond

The Committee strategic priorities will focus on projects that:

- enable accurate and trusted data
- improve safe and efficient operations
- support a low carbon future

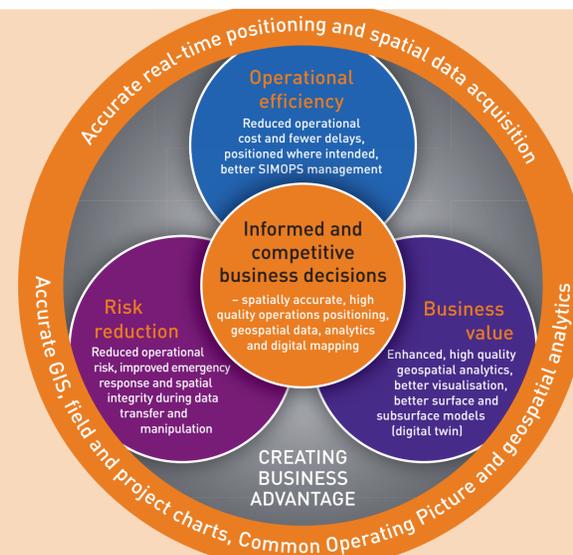
Key activities will include maintaining high quality products (EPSG, GIGS, P Formats, Data Models), collaborating within IOGP and externally on new industry standards, advocacy for industry standard adoption beyond oil and gas and regulatory bodies, monitoring disruptive technologies that could impact Geomatics ways of working.

### 2023 highlights

- Geomatics Committee strategy review
- Land Survey Data Model and associated guidelines
- Pressure to depth conversion guidance note
- Coordinate Reference Systems and transformations for offshore Angola
- Technical specification and guidelines for calibration and verification of offshore surface survey and positioning systems
- EPSG policies and procedures for EPSG Dataset data management
- Understanding the EPSG Geodetic Parameter Dataset
- IOGP P1/11 and P2/11 geophysical position data exchange format
- 12<sup>th</sup> IOGP-Pertamina Geomatics Industry Day (Indonesia)

### Work items for 2024

- Guidance Note on geodetic awareness
- 4D seismic survey guidelines
- Offshore Infrastructure Survey Data Model and associated guidelines
- Seabed Survey Data Model and associated guidelines
- IOGP P1/11 geophysical position data exchange format – user guide
- IOGP P6/11 seismic bin grid data exchange format and associated user guide
- Unified symbology set for geomatics data models
- Guidelines for the conduct of offshore drilling hazard site surveys and associated technical notes
- 13<sup>th</sup> IOGP Geomatics Industry Day



### Chair's message

The Geomatics Committee expert groups are working on three strategic priorities that involve ensuring accurate data, supporting safe operations, and contributing to the energy transition.

The committee accomplishes this through various activities outlined in the annual business plan, including the maintenance of key products like the EPSG and GIGS and collaborating with other bodies on developing new standards such as for carbon capture and storage.

It works to raise awareness and advocate for broader adoption of standards within and outside oil and gas, and monitoring disruptive technologies like AI, that could improve geomatics way of working.