human energy®

Long distance tieback opportunities

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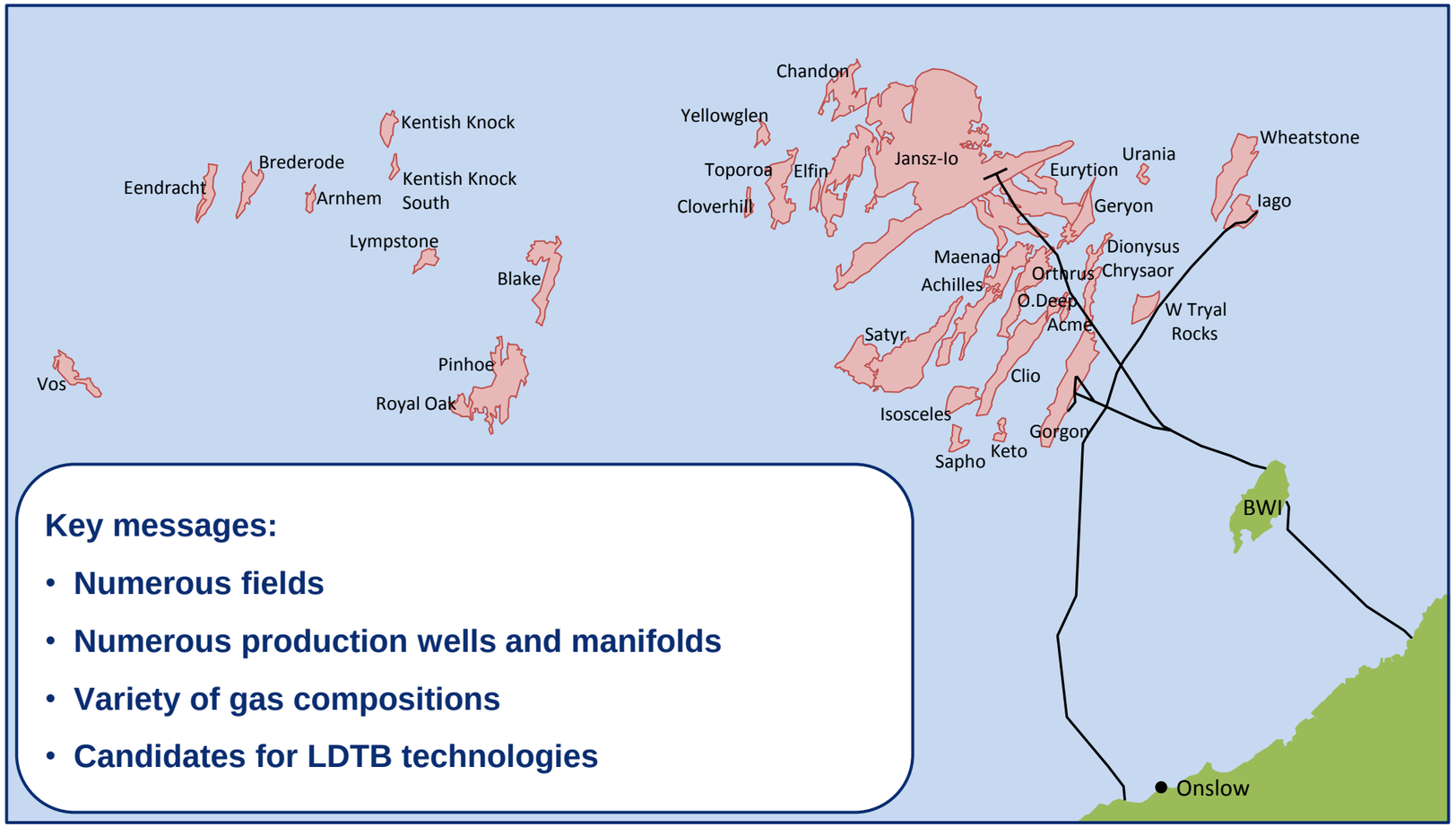
AOG 2017

Long distance tieback opportunities

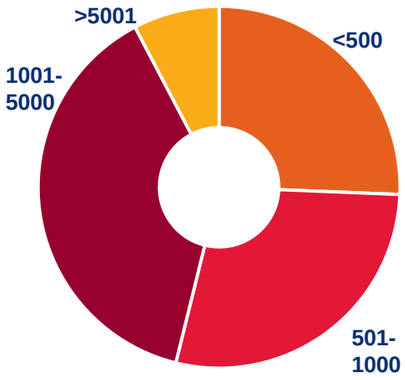
Chevron operated Carnavon Basin



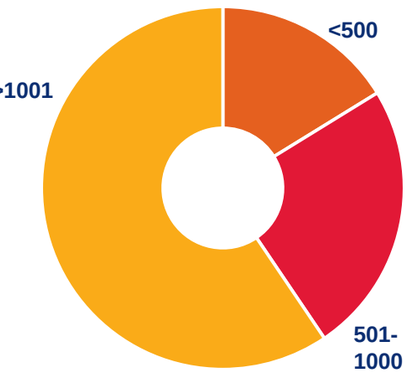
Key messages:

- **Numerous fields**
- **Numerous production wells and manifolds**
- **Variety of gas compositions**
- **Candidates for LDTB technologies**

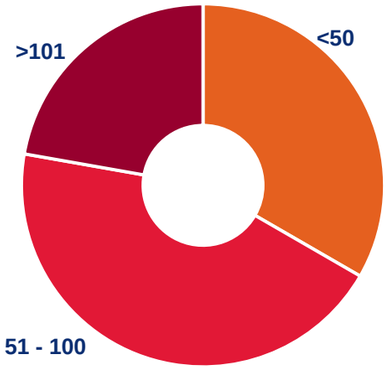
OGIP (BCF)



water depth (m)

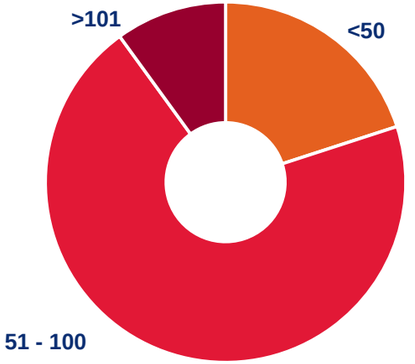


Gorgon step out (km)



+77km Gorgon to BWI

Jansz step out (km)

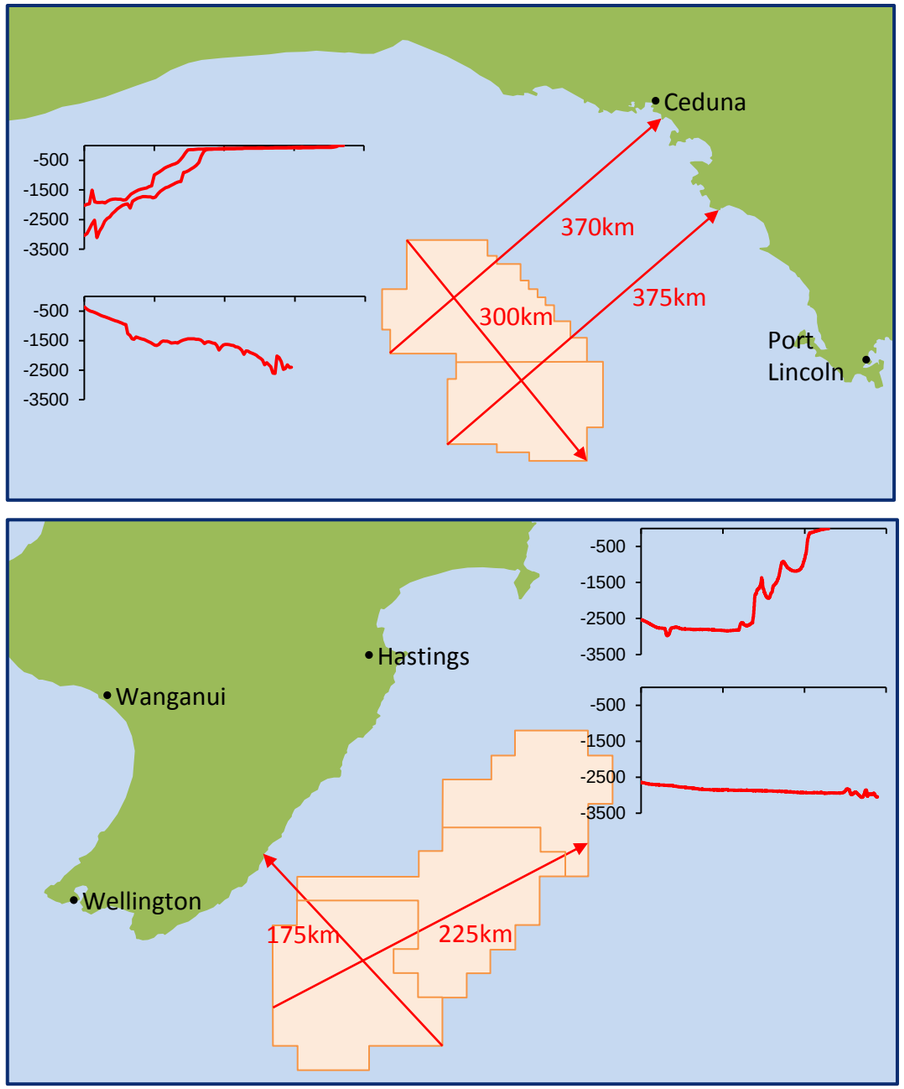


+145km Jansz to BWI

- **Distribution by fields**

Long distance tieback opportunities

South Australia and New Zealand blocks

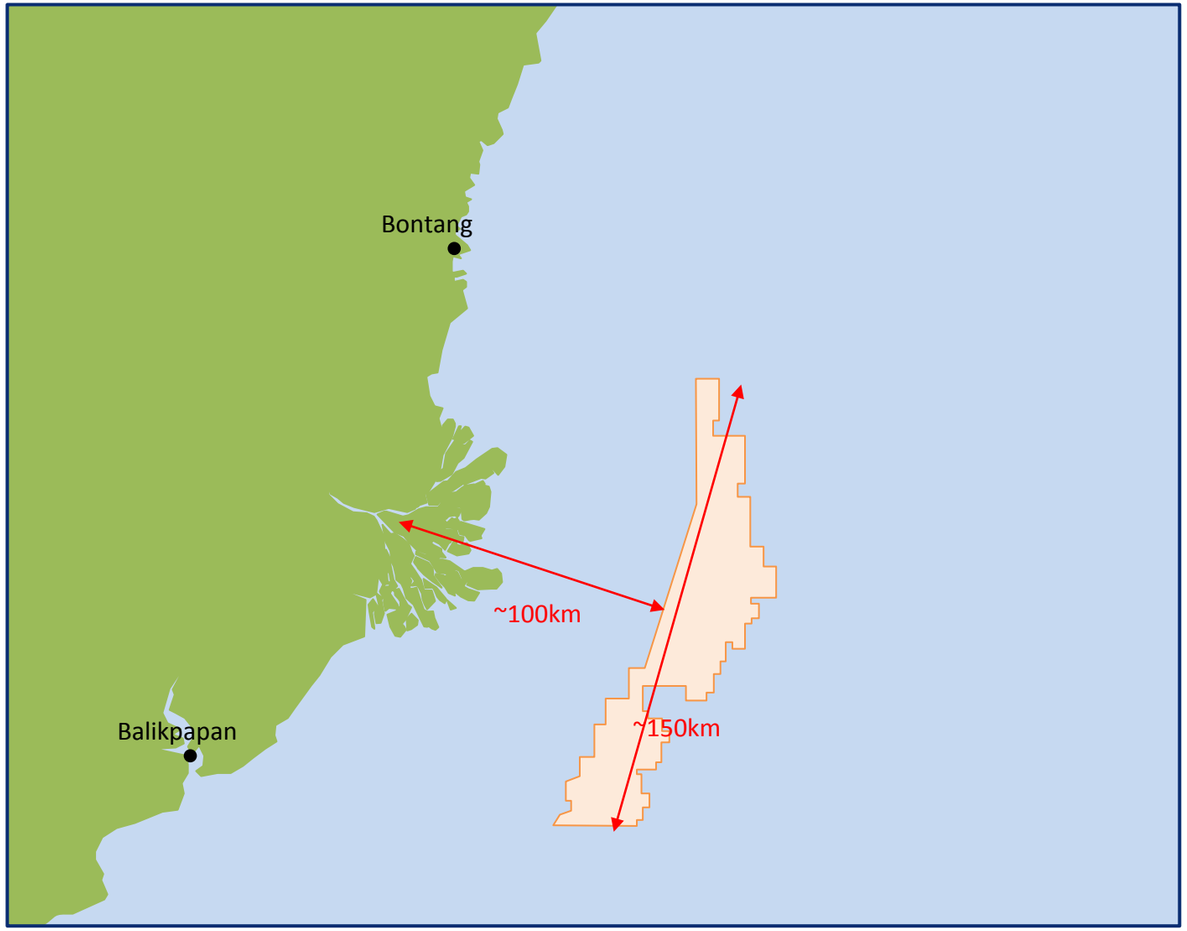


Key messages:

- **Development prospects currently unknown**
- **Significant distance from shore (200km to 400km)**
- **Range of water depths, (max 2,500m)**
- **Challenging metocean conditions**
- **Possible candidates for LDTB technologies**

Long distance tieback opportunities

Indonesia blocks



Key messages:

- **Number of producing assets in the region**
- **Bangka brought on line in 2016**
- **Significant distance from shore (~100km)**
- **Water depth similar to North West Shelf (max 1,600m)**
- **Candidates for LDTB technologies**

Long distance tieback opportunities

Team vision

20% increase in recovery and 25% reduction of Development Cost by developing long distance tieback technologies that can be applied on any of the tieback candidates within 300km of existing infrastructure

- Norwegian operators and vendors have pioneered technology appropriate to Chevron's portfolio.
- Requirements will challenge current capabilities in long distance tiebacks.
- Chevron has experience in some elements.
- ABU will need to leverage this experience.
- Long distance tieback initiative will seek strategic alliances and targeted studies in the near to medium term;
  - Joint technology development,
  - Qualification in conjunction with other operators,
  - Research with local universities,
  - JIPs.

Long distance tieback opportunities

Strategic themes