

At the heart of a prolific Asia Pacific gas development fairway

Colin Murray - SundaGas

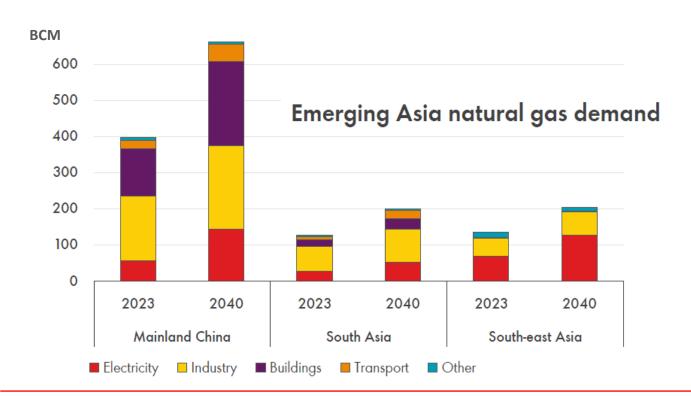
SundaGas Banda is a subsidiary of



Asia Pacific: Centre of Global Demand Growth



- Asia Pacific is the key demand hub for global gas
- Displaces coal and oil in electricity generation
- Timor Sea region well situated for APAC markets





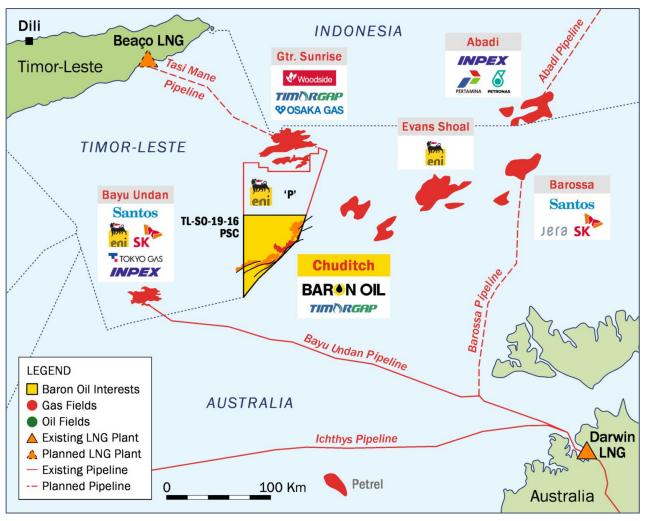
Source: Shell LNG Outlook 2024

Domestic & relatively minor LNG flows not shown

Timor Sea: A prolific Asia Pacific gas development fairway



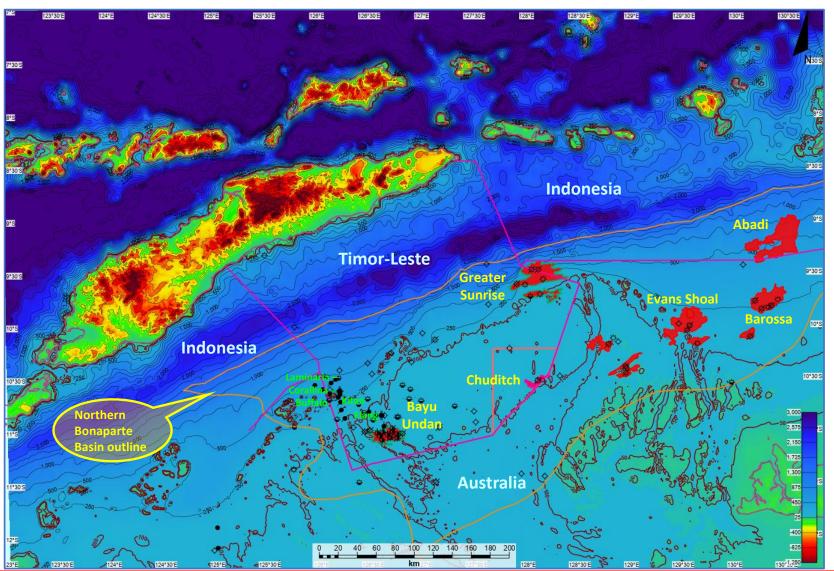
<u>Timor Sea gas fields, key players and infrastructure</u>



- Bayu Undan (Santos):
 - End of field life; FEED for CCS conversion
- Greater Sunrise (Woodside):
 - Ongoing negotiations between JV / governments
- Chuditch (Baron/SundaGas):
 - Critical appraisal well Q4 2024
- Evans Shoal (Eni):
 - Moving towards FID on high CO₂ field
- Barossa (Santos):
 - First gas now expected H2 2025
- Abadi (INPEX):
 - > FID expected 2026
- **Exploration:**
 - ENI signed PSC for Block P, plan 3D and drilling

North Bonaparte Basin – Bathymetry with Oil and Gas Fields





North Bonaparte Basin

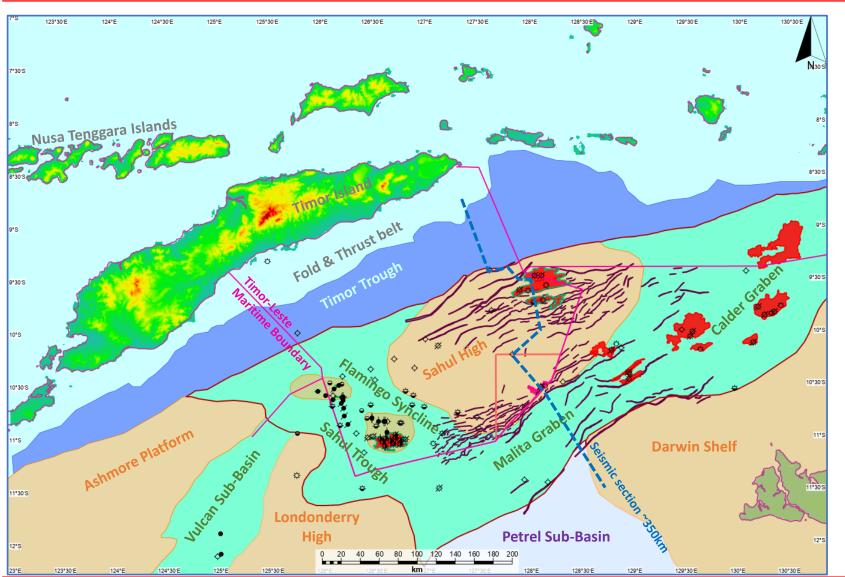
- > 125,000 km² in area (c.40,000 km² within Timor-Leste)
- Mostly in water depths <200m</p>
- ➤ Low drilling density: c. 100 wells

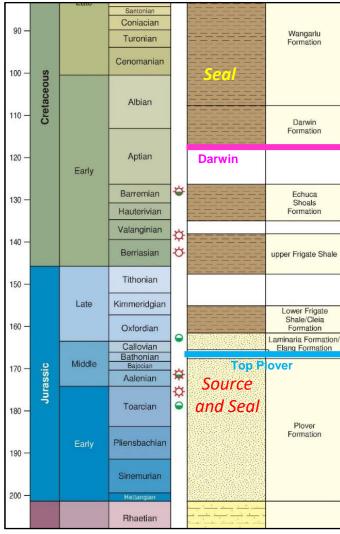
Production History

- Small oilfields in west developed in 1990's to 2000's (all now abandoned)
- Focus now on gas developments along Plover trend

North Bonaparte Basin – Structure and Stratigraphy

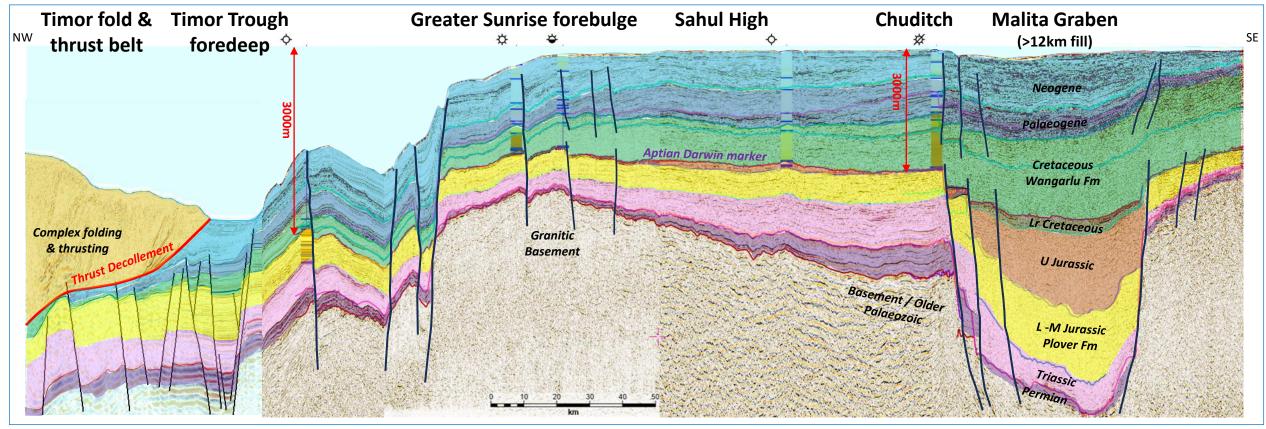






North Bonaparte Basin – Regional Seismic Transect (TWT)

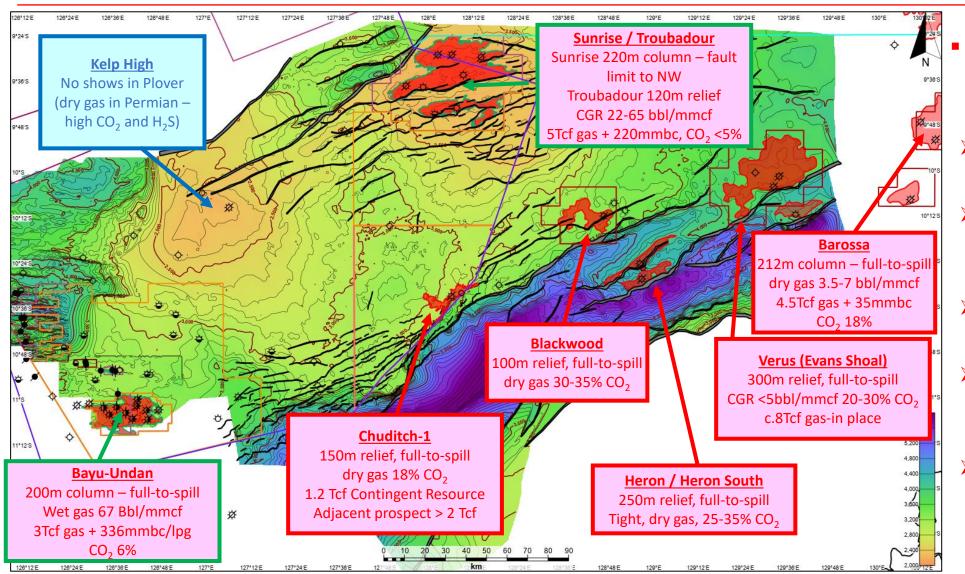




- Plover Fm. (Fluvio-deltaic to shallow marine) is the principal reservoir and source
 - Upper Jurassic rifting along Malita Graben trend, with thick graben fill
 - > Thick Lower Cretaceous sag sequence shales form regionally extensive seals, with soft linkage of faults
 - > Tertiary interval comprises mixed mudstones and carbonates

Hydrocarbon Occurrences in Plover Fm



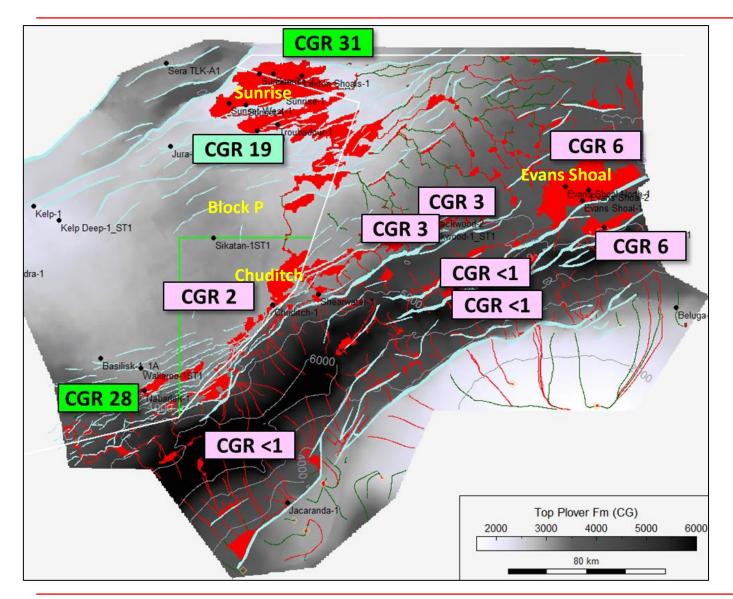


- Large gas-filled structures on Sahul High and within Malita Graben
- > Full to spill column heights > 200m
- Dry gas along graben trend in the east, higher liquids in the west and at Sunrise
- ➤ Higher CO2 to the east within graben
- Residual oil columns suggest early liquids migration displaced by later gas charge
- Structural modification due to recent tectonics

Contour Interval 100 m

Petroleum Systems Analysis: Key Conclusions

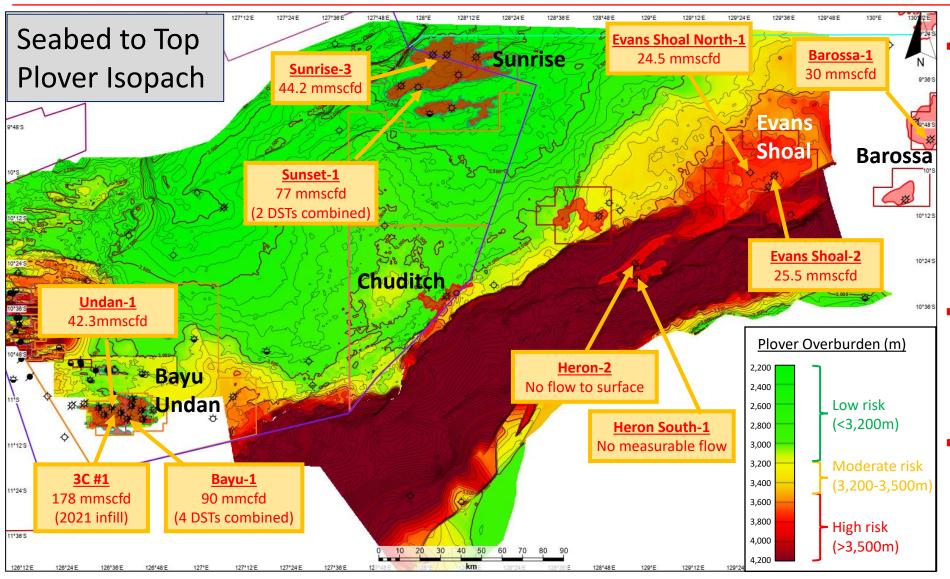




- Plover reservoir also the source of gas
- Gas and liquids are generated along the Malita Graben and locally east of Sunrise
- Relationship between CO₂ and drier gas
- Mantle-derived CO₂ from Malita Graben
- Later migration phases caused dry gas and CO₂ along North Malita Graben trend
- Gas has not reached the Kelp area owing to structural configuration
- Chuditch (& Block P) on Sunrise migration pathway from Malita Graben

Reservoir Quality Excellent on Sahul Platform



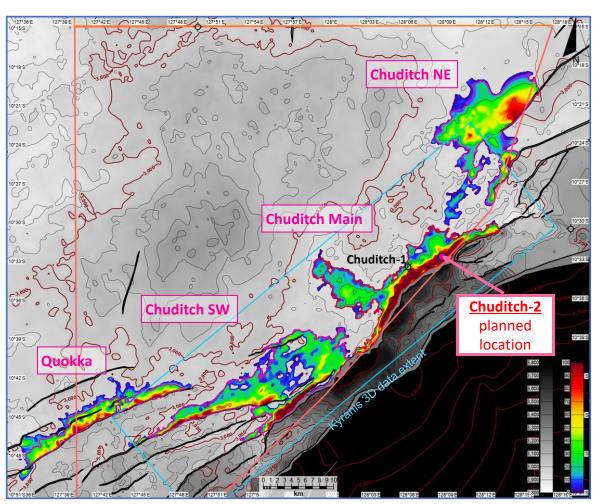


- Regional depth-porosity trends define Plover Fm reservoir quality risk
- ➤ Best reservoir quality at <3100m overburden
- ➤ Tight reservoir low flow rates > 3600m overburden
- Flow rates on trend with Chuditch correlate with predicted reservoir risk
- Chuditch-1 comparable to Bayu Undan in depth and reservoir quality

Contour Interval 100 m

Contingent and Prospective Gas Resources > 3 Tcf





Top Plover Fm. Depth

With closure isopachs above spill

Chuditch field

- reprocessed 3D seismic defines trap geometry for first time
- Contingent Pmean discovered gas resource = 1,165 Bcf 1
- > preparing to drill and flow test Chuditch-2 in late 2024

Appraisal well objectives

- significant updip step-out, 4.8km from discovery well
- prognosed 133m gas column (v. 30m at Chuditch-1)
- validate gas resource estimates
- perform production flow test ("DST")

Additional Prospectivity

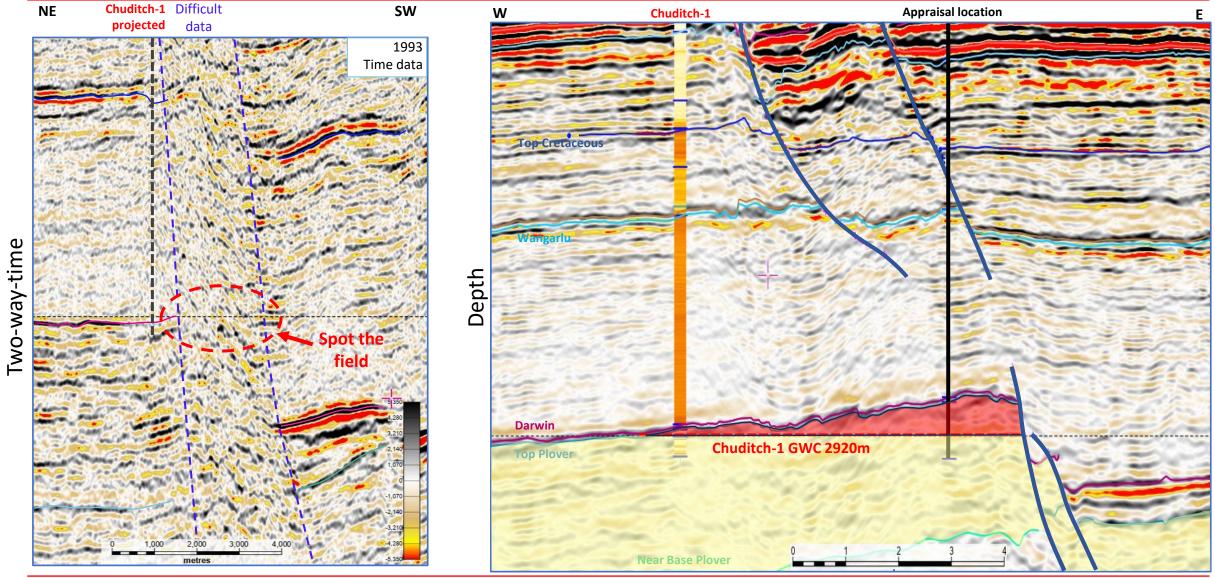
- Chuditch NE: Pmean Prospective = 863 Bcf², POSg = 34%
- Chuditch SW: Pmean Prospective = 855 Bcf², POSg = 40%
- Quokka: Pmean Prospective = 410 Bcf², POSg = 26%

¹ CPR prepared by ERC Equipoise Pte. Ltd., Feb. 2023; SPE PRMS compliant standard

² SundaGas management estimates

New data finally unveils Chuditch – now drill ready!

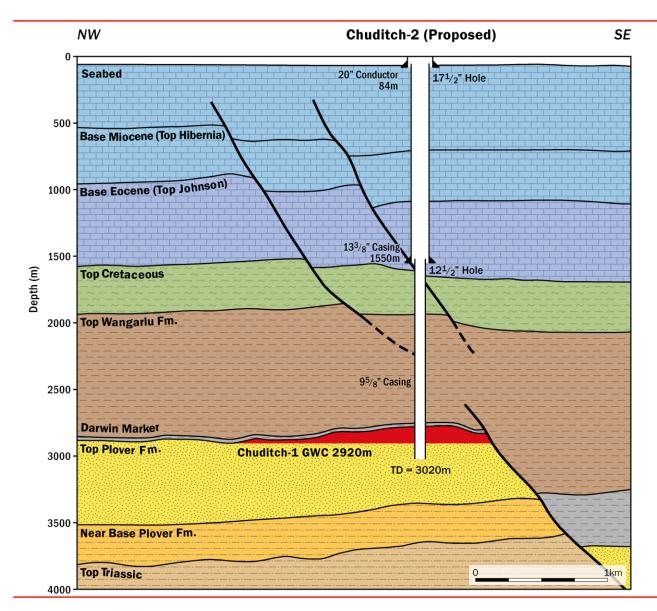




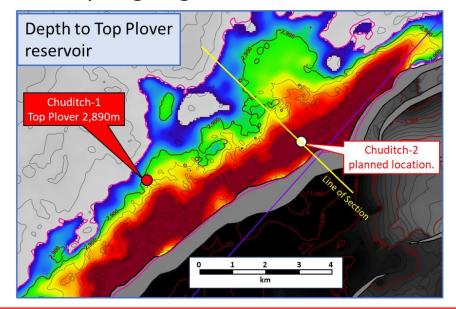
The data SundaGas has reprocessed to 3D PSDM

Appraisal Well: Location, Design, Planning Status





- Plan to drill in Q4 2024
- Appraisal c.5 km from discovery, in 68m water
- >130m gas column predicted (30m at Chuditch-1)
- Simple vertical well, including DST
- Drill team assembled; well planning progressing
- Site survey ongoing



All depths are metres below mean sea level

Timor-Leste Operating Environment: Unique Partnerships



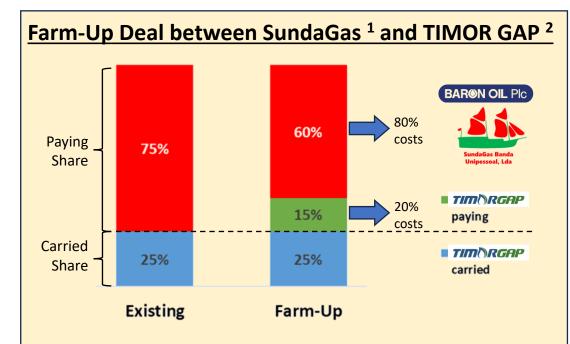


Young, democratic republic, with substantial development challenges

- Economy dependent on Bayu Undan revenues (now depleted) and Petroleum Fund
- Keen to see the development of new resources, including Sunrise and Chuditch
- Strong alignment with regulator (ANP) and JV Partner (TIMOR GAP)







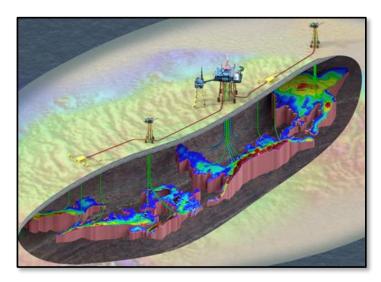
- TIMOR GAP initially had 25% carried interest
- Farm-Up completed, assigned further 15%
- SundaGas retains 60% operating interest
- Farm-Up deal demonstrates...
 - government financial commitment
 - technical and commercial validation

¹ SundaGas Banda Unipessoal Lda

² Timor Gap Chuditch Unipessoal Lda

Chuditch Gas: Headlines







Timor Sea

- Emerging key gas basin for APAC
- Timor-Leste at heart of this fairway

Chuditch Gas

- Key asset for Timor-Leste
- Material resources, > 3Tcf expected
- Preparing to drill milestone well
- Pathway to Fast-Track Development

Operating in Timor-Leste

- Strong government support
- Excellent partnerships
- Emerging supply sector development

