"Papel Gerasaun Foun iha Setor Petróleo no Minerais Timor-Leste"

This PDF was created by La'o Hamutuk from the handout on the Sunrise Gas project distributed at this 13 November 2012 seminar. For more information, see http://www.laohamutuk.org/Oil/Sunrise/10Sunrise.htm

# Staff/Human Resources - Gas Business Unit (GBU)



























































































Presently 7 staff in GBU team:

- ▶ Director
- ▶ Pipeline Manager
- Subsea Pipeline Engineer
- ▶ Civil Engineer
- Flow Assurance & Metocean Analyst
- ▶ Cost & Maintenance Analyst
- ➤ GIP (Geologist)

IMOR GAP,



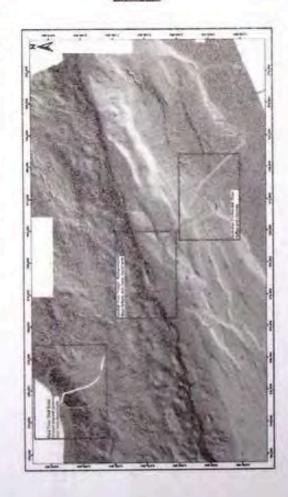




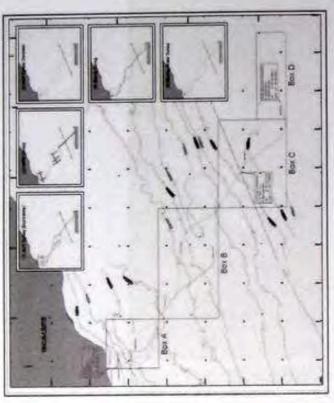




#### Pipeline







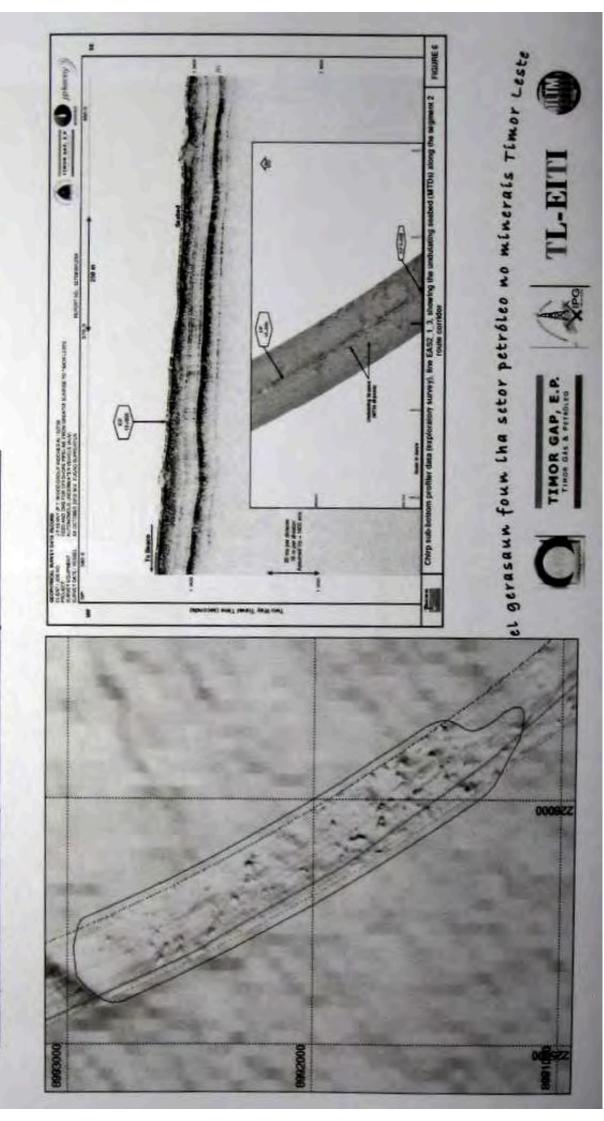
- ➤ Pre-FEED completed (FEED ongoing)
- ▼ Conclusion/Results from pre-FEED
- □ Pipe specification: 24" OD (outer diameter)
- □ Distance from GS to Beaco: 228km, crossing Timor Trough at max water depth of 3,100 m.
- Several potential contractors for pipelaying & pipe mills were identified and confirmed of their capabilities



### Pipeline Project ... cont'd

IMOR GAP, E.P.

## Snapshots - Sample Preliminary DMS Result





### Marine Facility





- Pre-FEED completed (FEED ongoing)
- Conclusion:
- Two layout options were identified
- Coastal Harbour
- ❖ Inshore Basin
- Components of marine facilities required:
- An MOF (Material Offloading Facility) for unloading and lifting off materials for constructions
- \* A PLF (Product Loading Facility) for loading the LNG & LPG products
- A breakwater

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### **LNG Plant**





- Feasibility Study completed (Pre-FEED/FEED on planning)
- Results/Conclusion:
- A 5 MTPA capacity of LNG Plant (with possible expansion of up to 20
- □ Train/plant and associated infrastructures for LNG & LPG
- ☐ APCI C3MR technology

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### Summary

|                    | Feasibility | > Pre-FEED | > FEED  | Constr.) | Operation |
|--------------------|-------------|------------|---------|----------|-----------|
| Pipeline           | Completed   | Completed  | Ongoing | Up Next  | Up Next   |
| Marine<br>Facility | Completed   | Completed  | Ongoing | Up Next  | Up Next   |
| LNG<br>Plant       | Completed   | Up Next    | Up Next | Up Next  | Up Next   |

EPCI - Engineering, Procurement, Construction & Installation

FEED - Front End Engineering Design





