

TIMOR-LESTE SUPPLIER CAPABILITY STUDY HELPS INCREASE LOCAL INDUSTRY PARTICIPATION

A Timor-Leste Supplier Capability Study for Bayu-Undan, commissioned by ConocoPhillips, has now been completed and the findings presented within the company.

The study will help identify Timor-Leste industry and supply capacity, the main challenges to be addressed to improve local participation in the Bayu-Undan supply chain and local businesses with a medium potential to provide goods and services through better knowledge of ConocoPhillips' requirements.

The outcomes, which include an updated register of suppliers based in Timor-Leste, will allow ConocoPhillips to further increase local supplier participation.



CAJV FOCUS CONTINUES IN TRAINING AND EMPLOYMENT

Training and employment continues to be a key component of the operations and maintenance work at Bayu-Undan. Highlights during Q2 of 2015 included the following:

Thirteen additional Timorese filled offshore positions with CAJV after attending scaffolding, blasting and painting training in Dili, Timor-Leste.

In addition, two HSE trainee advisors received training in Perth in certain components of Certificate IV in Work Health and Safety and the TapRoot Incident Investigation and Root Cause Analysis system.

Finally, a trades training scheme is also underway, with the selection of 18 Timorese nationals who commenced training at the end of Q3, 2015. There is a Electrotechnology stream and a Mechanical Engineering stream, nine in each.



PICTURED: the 18 trades training scheme participants

DRILLING AND FACILITIES COMBINED PROJECT AND CONTRACTORS' LOCAL CONTENT PLAN

In addition to the implementation, since 2014, of the local content plans for the larger scopes of the drilling and facilities project, the Project Team has been coordinating the execution of the combined project and contractors' local content plan since February 2015. The combined plan is almost complete, with five of the eight project contractors involved having completed activities, and two with activities underway.

A summary highlighting the main activities is as follows:

ConocoPhillips' support in HSE training

In April 2015, the drilling and facilities Project Team supported 10 Timorese nationals in completing a course in Safety and Working in the Oil and Gas Industry, which was delivered by local training provider, ISAT. The course involved classroom training and some site inspections.

Those participants also attended a 3-day training course in Dili, in Workplace Safety, which was conducted in May by Brian McCaffery, ConocoPhillips HSE Specialist-Contractor Management. Training involved further site inspections at local wood machinery and carpentry workshops, ConocoPhillips' heliport and office, and a hospitality training organisation.

Drilling and Facilities Timor-Leste Forum

ConocoPhillips' Project Team members and representatives from the 4 major contractors, FMC, JDR, GE-Wellstream and Subsea7, conducted presentations on key engineering requirements and subsea equipment associated to the asset, as a preamble to the training activities delivered by contractors responsible for smaller scopes of work.

Of the Timorese nationals who participated in the subsequent training activities, 87 attended the forum, and were provided with a glossary of technical terms in both Tetum and English, and given PPE purchased from local businesses by the Project Team.

TRAINED **10** **41** **10** **10**

VENDOR	Lloyd's Register International	Australian Fluid Handling (AFH)	Perar	Australasian Fittings and Flanges (AFF)
CONTRACT	Verification and validation services	Methanol pump	Valves	Hub connectors and seal rings
TRAINING	Certificate I in Metal Fabrication through Don Bosco Training Centre, in Dili.	Pump operation at ISAT (local training organization), in Dili.	Valve maintenance and assembly, at ETDA, in Dili.	Certificate II in Safety and Security (Australian accredited) and Senior First Aid through Timor Institute of Development Studies.
DURATION	3 months	3 days	6 days	2 weeks
STATUS	Completed	Completed	Completed	Completed



Graduation at Don Bosco for the Timorese selected by LR International



AFH training in Dili and some of the 41 Timorese participants

HSE Trainee Jose Viegas at Monadelphous' Darwin workshop



One of the 20 Timorese participants at AFF training

TRAINED **15** **1** **1** **8**

VENDOR	BAE	Bureau Veritas (BV)	Monadelphous	Specialised Welding
CONTRACT	I&J tube fabrication	Quality surveillance	Structural and piping spool support fabrication	Spools fabrication
TRAINING	Work Health and Safety for Industry through ISAT	On the job training in subsea engineering at BV's Brazilian subsidiary	On the job HSE training in Darwin. Timorese national engaged by vendor on a permanent/full-time capacity.	Certificates III and IV in Metal Fabrication at SENAI (Timorese training centre).
DURATION	4 days	3 months	3 months	6 months
STATUS	Completed	In progress	In progress	In progress

Developing Together - Local Content



TRAINED	135	175	62
VENDOR	Halliburton	Smith	Schlumberger
CONTRACT	Downhole completions, EZSVs, well intervention, drill bits	Downhole tools and turbines	MWD/LWD/DD, cementing, wireline and mud logging services.
TRAINING	Well completions, coring, reaming and drilling technology at National University of Timor-Leste	Drilling, fishing and milling operations at Dili Institute of Technology	Petroleum Exploration and Production with and without OilSim, and fundamentals of project management, in Dili.
DURATION	4 days	3 days	Over 4 weeks
STATUS	Completed	Completed	In progress



Schlumberger training in Dili.



Halliburton training at National University of Timor-Leste

Bayu-Undan and Timor-Leste Developing Together - Local Content



ADDITIONAL VENDORS TRAINING ACTIVITIES

In addition to the drilling and facilities combined project and contractors' local content plan, seven other project vendors have also conducted training during 2015. Six of these have already finalised their activities, with training still underway in the case of one vendor.

All the drilling and facilities project related activities mentioned have benefited more than 500 Timor-Leste nationals in total.



Tidewater's Timorese trainees at ALAM Maritime School, in Malaysia.

TRAINED	4	50	35	34
VENDOR	Tidewater Marine	Add Energy (previously known as Oracle Risk)	AIPC	NOV Downhole
CONTRACT	AHTS and platform support vessels	Risk management services	Wellsite geologists	Drill bits and downhole tools
TRAINING	STCW Deck and Engine Rating, including TBOSIET and English, at an accredited maritime school in Malaysia.	Safety Offshore, at Dili Institute of Technology.	Mud logging and pore pressure evaluation at National University of Timor-Leste.	Drill bits and oilfield discovery at Dili Institute of Technology.
DURATION	6 months	1 day	3 days	5 days
STATUS	Completed	Completed	Completed	Completed



Add Energy (previously known as Oracle Risk) training at Dili Institute of Technology.



AIPC training at National University of Timor-Leste.