



Tasi Mane Project

TIMOR GAP, E.P.

“CAN DO” spirit

To be a regional leader in oil & gas for sustainable national development

SEMINAR ON “BENEFITS OF TASI MANE PROJECT “

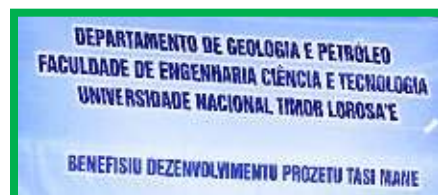
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On May 7th, the President & CEO of TIMOR GAP, Mr. Francisco Monteiro, was invited to participate as a keynote speaker in the seminar organized by the Department of Geology and Petroleum, Universidade Nacional de Timor Lorosa'e, under the theme “Benefits of Tasi Mane Project Development”. The President of Autoridade Nacional de Petróleo e Minerais, Mr. Gualdino da Silva, was also in attendance.

The seminar mainly targeted college students with the aim to entrench the attendees’ knowledge on the Tasi Mane project and underline its benefits. The Tasi Mane Project intends to establish a national petroleum industry and associated supporting infrastructures, skills development and service capability, becoming a major contributor to the economy of Timor-Leste. TIMOR GAP has been mandate to, on behalf of the Timor-Leste Government, implement the Tasi Mane projects, namely, Suai Supply Base, Betano Refinery & Petrochemical Complex and Beaco LNG Plant

The Tasi Mane Project is a major strategic initiative of the Government of Timor-Leste spanning a wide range of economic impacts at national, regional at local levels by providing direct economic benefits from Timor-Leste’s natural resources. The project will increase national gross domestic product (GDP) and export earnings, while creating employment opportunities during construction and operation, as well as providing a catalyst for further development in the south coast region. It is projected that up to 10000 direct jobs will be created form Tasi Mane projects, and more than 50000 indirect jobs can be generated with the transformation of petroleum sector development from extractive to industrialization. In addition, the Tasi Mane Project will generate indirect benefits, influencing broader economic performance as a result of flow-on to other industry sectors.

Environmental Impact Studies were being conducted for the Refinery and Petrochemical Complex cluster and LNG Plant cluster. With the Court of Appeal’s prior approval for the Supply Base Design-Build Contract granted in 2017, we now find ourselves in a favourable position to initiate its construction. Additional support infrastructures are foreseen to be constructed for each cluster, with emphasis on a highway (Section 1 reached a construction progress of 80% on April) and on the Suai airport, a significant milestone and achievement for the country’s basic infrastructures inaugurated in 2017, vital to the south coast economic development and prosperity.



UNTL – Polo Universitário de Hera – Departamento de Geologia e Petróleo / Faculdade de Engenharia e Ciência e Tecnologia



T-BOSIET, EBS & BT TRAINING

In light of the offshore exploration of oil and gas significant growth, oil and gas companies are now expanding their exploration & production activities in offshore to meet the increasing demand of energy resources worldwide. TIMOR GAP as Timor-Leste's national oil company is no exception. As a result, to prepare its employees, particularly the team of Exploration and Production Unit, TIMOR GAP sent 6 staffs to participate in the training in Cilegon, Jakarta, about emergency response in offshore installation by Samson Tiara as training provider.

The objective of this training was to familiarize participants with the emergency responses while working offshore. These include offshore induction, safety induction, abandonment and survival, first aid and hypothermia, helicopter safety and helicopter underwater emergency training (HUET), offshore induction and firefighting and breathing protection. The training was held from 14th to 16th May with the following training schedule:

First day – the training touched on topics such as abandonment and survival which introduced participants to personal lifesaving appliances on offshore installation as well as practical session on how to use these appliances such as personal survival techniques with survival suits and/or life jacket. In addition to that, there were also practical session on embarking on lifeboat which include the launching systems and all the procedures involved when embarking on a lifeboat.

Second day - it covered Tropical Basic Offshore Induction and Emergency Training (T-BOSIET), Helicopter Safety and Helicopter Underwater Emergency Training. This involves the induction of the use of helicopters in the offshore industry as well as all the safety procedures related to emergency response situation. There was also practical session on helicopter underwater escape, escape from submerged helicopter with and without deploying Emergency Breathing System (EBS) (as shown in the pictures).

Third day - the training focused on Fire Fighting & Breathing Protection. The theoretical session introduced participants to chemistry of fire, fuels classification, fire classification, extinguishing agents and firefighting equipment which commonly find in offshore installation. The practical session demonstrates and practiced by participants on how to use a portable extinguisher and breathing protection including how to deploy smoke hood when escape from smoke area.

As TIMOR GAP's portfolio grows strongly, our human resources are the development of programs progressing through and trainings in several areas of the petroleum and gas sector, placing our company as a partner of choice.



TIMOR GAP PAVES THE WAY FOR THE ESTABLISHMENT OF A GEOSPATIAL DATA CENTRE



TIMOR GAP's Delegation



From 11st to 17th April, a TIMOR GAP delegation consisting of GIS Database Manager and IT Manager visited ESRI (Environmental System Research Institute) and PERTAMINA office, in Indonesia, and MAST (Marine Science & Technology), in Malaysia. The main objectives were to conduct a professional consultation with software provider ESRI and with the institute MAST for the future establishment of TIMOR GAP's Geospatial Data Centre.

This was successful and prolific visit with TIMOR GAP delegation learning various aspects particularly in regards to the Geospatial Database management, which is expected to contribute to the development of the sector. A centralized data centre for Geospatial Data is a requirement that TIMOR GAP looks forward to establish and re-organize all the data that is now locally retained under each business unit at TIMOR GAP.

The ultimate purpose of this trip was to present some key aspects and solutions for TIMOR GAP's business needs as well as the national necessities for the country as the whole. Apart from the visit, TIMOR GAP's delegation also learnt how this geospatial data centre will help the country to develop with less risk that the Government might experience. The positive impact to the country development as such the government institutions which dealt with the geospatial data such as topography, hydrographic, oceanography, meteorology, etc.

As a result, from the visit, TIMOR GAP may consider the following key strategies to start with the Geospatial Data Centre establishment:

- To promote Digital Literacy on Geospatial Data Centre;
- To create a national policy for spatial Data, example One Map Policy to all institution in Timor-Leste; and
- To develop business opportunities, both National and International.

During the trip, our delegation was also honoured with a special visit to Malaysian National Hydrographic Centre (MNHC), managed under Malaysian Navy and also with the participation of Timor-Leste F-FDTL Navy Commander. With this visit we had the opportunity to know first-hand how Malaysian Hydrographic Data Centre manages all marine geospatial data including all surveys from surface to the sub surface. The data was then distributed to the National Oil and Gas Company for related business activities if needed.



TIMOR GAP E.P. delegation together with Timor-Leste Navy delegation visited MNHC

FIRE DRILL

Managing Quality, Health & Safety and Environment performance is an integral part of how TIMOR GAP, E.P. business is conducted in order to generate a result which not only with good quality but also it is harmless to its people and environment . in addition to that , the ISO standards (ISO 14001; ISO 9001 and OHSAS 18001) as adopted by company through the implementation of procedures or the IMS procedures , particularly the Emergency Management Procedure , requires the company to undertake drill of emergency at their workplace, facility or project site

In this 2018, TIMOR GAP still considers a fire at office or building as an emergency to be exercised or at least to be taken as priority. The drill is applicable only to main office level 3 which excluded TIMOR GAP office at CBD2.

A Fire drill at office is an important part of an emergency management and fire safety procedures for many reasons. Not only to ensure that all staff, customers and visitors understand what they need to do if there is a fire, but also it helps to test how effective TIMOR GAP fire evacuation plan is and to improve certain aspects of fire provisions.

On May' 29th , fire alarm sounded at 15:15 pm, and 15:16 pm, TIMOR GAP security verbally announced that there was a fire at ground floor and employees have to evacuate the building

All employees were asked to assemble at temporarily assembly area, fire wardens went through each room to assure that no one left behind during the evacuation. At 15:17.21 pm, fire commander decided to evacuate the building through emergency exit door #2.

At 15:21.49 pm . All TIMOR GAP employees reached the emergency assembly area; in front of CINEMAPLEX and head count is starting to confirm the presence as well as missing person during the emergency situation. Total 52 employees attended the drill with no one left behind during the evacuation and in addition, 20 employees were having activities with other institutions and were not in location when the drill was conducted.

Real time for evacuation process is 6 minutes 49 second. This record is 1 minute 34 seconds longer than 2017 drill where 5 minutes 15 seconds in total for evacuation process. Team noticed that, the lateness was due to the evacuation route chosen. Although the drill was safely exercised, there are some recommendations needed to consider for future improvements



TIMOR GAP Fuel Station in Suai is operated by certified people from Covalima community:

- Your friends
- Your neighbors
- Your family

Thank you for your preference



TIMOR GAP is part of EITI's Multi-Stakeholder Group



"Project Management in Petroleum Sector Related to the LNG, Refinery and Supply Base & Petroleum Services"



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SOUTHERN COAST PROJECTS

Today, The Company is focused on the Southern Coast (Tasi Mane) Project as the main activity in the formation of a Company Portfolio in the future. The project will focus on the development of the coastal zone from Suai to Beaço that requires infrastructure to support a growing domestic petroleum industry. Following on from this development, the company will diversify into other areas of operations, such as E&P sector and downstream activities.

