



Beaço, Timor-Leste LNG Plant

TIMOR GAP, E.P.

“CAN DO” spirit

To be an integrated oil and gas company and a partner of choice

Edition of January 2016

SIX MONTHS POST KICK-OFF MEETING, AMEC FOSTER WHEELER CONCLUDES AND DELIVERS THE RESULT OF TIMOR-LESTE LNG PLANT PRE-FEED

Subsequent to the Kick-Off Meeting and site visit in June 2015 for the Timor-Leste LNG Plant Pre-Front End Engineering Design (Pre-FEED) Study, Amec Foster Wheeler (AFW) managed to conclude and deliver all of the required scope of work through a series of presentations and workshops held at TIMOR GAP’s office from 25th – 27th January 2016. It took AFW roughly 8-months from the contract award to complete the study by mobilizing resources from their main office in Reading (United Kingdom) with some supports from Malaysian office in Kuala Lumpur.

In his opening remarks, Mr. Francisco Monteiro – President & CEO of TIMOR GAP – reiterated the importance of the LNG project for the country and further said, “We are keen to see the positive outcome of this[Pre-FEED] project and it’s a proof to our previous study that Timor-Leste LNG Project is [indeed] viable and it could [also] create economy diversification in other sectors.” On the other hand, Damon Hill, the AFW’s Vice President of Business Development & Capital Project, thanked the Government of Timor-Leste through MPRM and TIMOR GAP for allowing them to carry out the Pre-FEED study and further emphasized AFW’s commitments for the project in the future, “I am here to emphasize our [AMEC Foster Wheeler] commitment to Timor-Leste and TIMOR GAP to offer our services and to assist TIMOR GAP with this project.”

The main results of the study included process and facility configurations embracing low risk technical solution, high level contract strategy for Engineering, Procurement and Commissioning (EPC), schedule, and cost estimates. The heart of the LNG Plant lies within Liquefaction Unit and the technology to be adopted for the liquefaction process is Propane pre-cooled Mixed Refrigerant process – or most commonly known as C₃MR – with the support of two Frame-7 Industrial Gas Turbines as the main refrigeration compressors driver. The selection of C₃MR technology is consistent with the philosophy of the Timor-Leste LNG project as it is a proven technology that has been adopted by about 70% or two-thirds of all LNG Plants in the world that are currently either in operation or under construction.



Layout - LNG Plant



Presentations and workshops held at TIMOR GAP’s office from 25th to 27th January 2016



MPRM & TIMOR GAP Launch SOLS' English Course in Beço

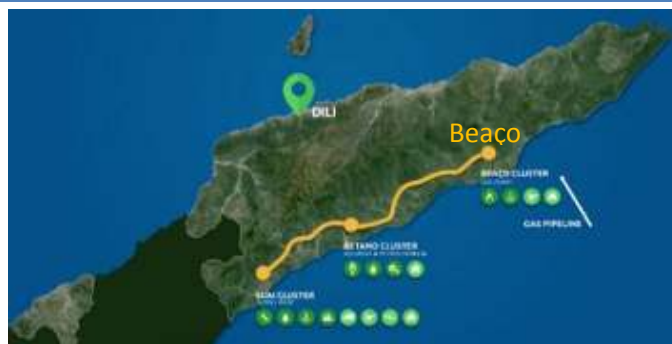
One of the main pillars defined in the Timor-Leste's 2010-2030 Strategic Development Plan is to establish the Timor LNG plant in Beço which is one of the clusters of Tasi Mane Projects. As part of the preparation towards the implementation of Tasi Mane Projects, human resources development undoubtedly plays a vital role. Government through Ministry of Petroleum and Mineral Resources (MPRM) has launched a number of training programs specifically in preparing human resources with the intention to maximize the participation of local content during the implementation of those projects.

English course is one of the examples of the programs that MPRM promotes to enhance language skills for the affected community of Tasi-Mane project, including Beço community. In July 2014, a group of Beço community representatives undertook a site visit to Suai for a comparative study in order to better understand the preparation and development that both MPRM and TIMOR GAP have undertaken thus far to the local community especially regarding the English and computer courses delivered by Science of Life Studies (SOLS 24/7). As a result, Beço community requested to Government through MPRM to also establish the same English training program for Beço community as they learned from that visit that the courses have indeed provided a lot of benefits to the local community in Suai.

After a series of discussions and preparations throughout the year of 2015, finally on the 19th of January 2016 the first English Course for Beço was launched by MPRM representatives together with TIMOR GAP through its Gas Business Unit, Local Authority representatives and Veteran representatives. Other Government officials at Municipality level were also present including Administrator of Viqueque Municipality (Sr. Gregorio Henrique), Administrator of Viqueque Administrative Post (Sr. Juvinal Mascarenhas) and Police Commander for Viqueque Municipality (Sr. Antoninho Mau Luta).

As in Suai, the course in Beço is also run by SOLS 24/7. The course is delivered at four different centers which include 1-center for *Aldeia* (sub-village) Maluru and *Aldeia* Makaloso while the other 3-centers are each for *Aldeia* Loho-Oan, *Aldeia* Kailoi-Bere and *Aldeia* Makaliku.

During the opening remarks ceremony chief of village of Maluro Sr. Jerónimo Pinto thanked the Government for establishing the English course in Beço in order to enhance their level of English language skills thus in the future local community can better prepare themselves to participate in the LNG project. Subsequently, Sr. Jaime Mesquita as the head of MPRM human resources narrated that this training program is established as requested by Beço community after a comparative study to Suai in 2014. He also emphasized that English is one of the very important skills for the communication with foreigners since in the future the project will inevitably involve various foreigners or expatriates performing high skilled jobs required in the LNG and the language that will be used is mainly English. Therefore, the English course delivered by SOLS is to help the community to practice their English on a day-to-day basis which will obviously need a proactive participation from the community to learn as much as they can from the SOLS teachers



Representatives of Local Authority, MPRM, TIMOR GAP and SOLS observe course center at *Aldeia* Kailoibere.



Speech by Sr. Jaime Mesquita – Head of Human Resources Department, MPRM



Ribbon cutting ceremony by Mr. Gregorio, Administrator of Viqueque Municipality.

TIMOR GAP PROSPECTING OF 3-D MULTICLIENT SEISMIC SURVEY ON THE TASI MANE



An amazing View of Dili from the BGP Vessel before heading the Southern Coast of Timor-Leste

TIMOR GAP SEISMIC SERVICE LDA is a joint venture company between TIMOR GAP and BGP GEOEXPLORER PTE. LTD. Both companies entered into a Joint Venture Agreement on October 2015 to tightly cooperate on Timor-Leste’s geophysical service project.

Four members of the TIMOR GAP team including two geoscientist, a geologist and a QHSE engineer joined the BGP Prospector Research / Survey Vessel’s crew on 23rd of December in order to proceed with the seismic 3D survey on the TLEA.

The first initial period that began last December 2015, would encompass seismic acquisition, processing and interpretation. These works have been awarded to TIMOR GAP SEISMIC SERVICES as part of the exploration work program for the TLEA offshore PSC granted to TIMOR GAP, E.P.

The work on progress reached 30% of the survey in the end of January.

BGP Prospector is a new seismographic research ship built at Nassau port in the Bahamas. It is owned by the geophysical service company BGP, a subsidiary of the Chinese National Petroleum Corporation. BGP operated a fleet of seismic vessels to provide advanced marine seismic data to global clients. Its 2D, 3D, 4D and OBC Marine Seismic Data collecting and processing vessels equipped with advanced technology to provide marine seismic services to global oil and gas companies.



Onshore and offshore blocks granted by TIMOR GAP



BGP Prospector vessel on the south coast of Timor-Leste



TIMOR GAP Team on board of the BGP vessel.

H.E. MINISTER OF PETROLEUM VISITED TIMOR GAP, E.P. TO WISH A PRO ACTIVE NEW YEAR' 2016



Minister of Petroleum & Mineral Resources, Mr. Alfredo Pires during the visit to TIMOR GAP's Office.



January 4th, TIMOR GAP received a visit from the Minister of Petroleum, Mr. Alfredo Pires to wish an Excellent New Year on the first work day of 2016.



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



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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.

