

# PNG LNG



## Modern health facilities for Hela

Access to health facilities in Para, Hela Province, has significantly improved following the delivery of a new sub-health centre, staff housing and an ambulance by ExxonMobil PNG (EMPNG). Over 1 million Kina was invested by EMPNG to develop the facilities in order to provide better-quality healthcare for communities surrounding the Hides Gas Conditioning Plant. Women will benefit from the centre through the provision of inpatient, midwifery and pre-natal care services in the new labour ward and ante natal care area, allowing them to deliver their babies and recuperate before returning home.

The new centre is outfitted with a solar power unit to cater for electrical equipment, internal ablution facilities and a fully equipped office, while the new ambulance will make transportation of referral cases to Tari Hospital safer for patients.

EMPNG Managing Director Andrew Barry said the Para Sub-Health Centre celebrates what can be achieved when industry and community work together.

"The health centre would not have been possible without the hard work and support of the Evangelical Church of PNG (ECPNG), Hides Special Purposes Authority, Hides Gas



(Top) The newly built Para Sub Health Centre and the ambulance that were handed over by ExxonMobil PNG to Para Community in the Hela Province. (Right) ExxonMobil Production Asia Pacific Regional Director Raymond Jones, EMPNG Managing Director Andrew Barry, HSPA Chairman Lemson Mabiria and ECPNG Health Secretary Keith Kedekei cutting the ribbon to signify the official handover.



Development Company and the local community. "We are investing in sustainable health projects in PNG to help address the health challenges affecting project areas," added Andrew. Health Secretary for Para Sub-Health Centre Keith Kedekei said long-term sustainability

through a public partnership approach was important for the Para Sub-Health Centre development. "We thank ExxonMobil PNG and the many community partners involved. I urge the

local community to take care of this health facility which will help serve us," said Keith. Local tradesmen were engaged to build the health centre with the aim of ensuring opportunities for engagement

remained locally focused. The Para Sub-Health Centre is operated by ECPNG under its Health Service Division and serves a population of over 5,000 from Hides, Para, and Laite villages.

## Message from Managing Director Andrew Barry



Welcome to the last issue of Ties for 2016. As I reflect on the year that was, I am extremely proud of the many achievements we, as a team, have celebrated throughout the year and the contributions we have made to Papua New Guinea. From the arrival and first cargo of the Kumul LNG tanker to achieving more than 63 million hours worked without a lost

time incident since July 2013 – meaning our staff have gone home safe each day. Our contributions to community have seen improvements to education for students and teachers, environmental programs to protect endangered species, partnerships to empower women and give them opportunities and capacity building through our livelihood

support programs. We have also made significant investments to support the health of Papua New Guineans. In this issue of TIES, we highlight the partnerships we have formed and how they are contributing to improvements in the lives of Papua New Guineans. I would like to take this opportunity to thank EMPNG staff who continue to uphold

our company values and support our vision. I would also like to thank National, Provincial and Local Level Governments, our PNG LNG co-venture partners, suppliers and contractors, landowners and communities for your continued support in 2016. We wish you and your family Gutpla Niu Yia and look forward to a safe, healthy and successful 2017.

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# PNG LNG continues to invest in new infrastructure



Connecting Well Pad F to the spine line.

2 ExxonMobil PNG (EMPNG) and PNG LNG co-venturers are continuing to invest in infrastructure with two new projects advanced in 2016. A new wellpad 'F' has been built and connected to the spine line feeding into the Hides Gas Conditioning Plant. Wellpad F is also the highest for PNG LNG at an elevation of 2800 metres. Production from the wellpad is expected to commence early in 2017 once mechanical and pressure testing have been completed. This year EMPNG also advanced preparatory work to tie the Angore field into the

production facilities, following the drilling of two wells in 2015. The project is called the Angore Tie-In Project and involves a new wellpad and pipeline to connect the Angore field to the Hides Gas Conditioning Plant. EMPNG Managing Director Andrew Barry said the ongoing investment in the expansion of PNG LNG infrastructure showed the Project's deep commitment to PNG. "The success of PNG LNG and the strength of the relationships we have with the people of PNG, gives us confidence to reinvest in future

growth of our business and the country," Andrew said. The Angore Tie-In Project involves a new 11-kilometre long pipeline which will consist of approximately one kilometre of pipeline being built in Greenfield area, and the rest of the pipeline being built within the existing pipeline Right of Way (ROW). Work to secure land access for the Angore Greenfield area is progressing. Construction of the Brownfield area will be on the existing ROW where no land will be acquired except in certain areas where construction work may need

to go outside the current pipeline Right of Way. Extensive community awareness has been conducted in project impact areas with four disclosure exercises held with landowners since mid-2016. The sessions provided information on the Angore Tie-In Project and what landowners should expect and how they can be involved. Landowners were also advised on how resettlement would be conducted if assets were identified in proposed impact areas. A preconstruction survey was

conducted by a multi-disciplinary team including engineers, environment, community affairs, lands officers and independent advocates comprising lawyers. Landowners and Village Liaison Officers were present to witness this exercise. Once land access has been completed, early works on the Greenfields pipeline ROW is expected to begin in the New Year with pipeline construction mobilisation around mid-2017. EMPNG will continue to keep landowners and the community informed about the progress of this Project as it moves forward.

## IBBM Enterprise Centre forum benefits local suppliers

In early October, ExxonMobil PNG (EMPNG), in partnership with IBBM Enterprise Centre, hosted a Supplier Engagement Forum to help local suppliers and businesses better understand EMPNG's processes and standards. EMPNG Managing Director Andrew Barry opened the forum highlighting EMPNG's investment in local Papua New Guinean businesses and landowner companies and the importance of building sustainable businesses. Since 2010, the PNG LNG Project has spent over 12 billion Kina on services provided by Papua New Guinean companies. Of this, more than 3 billion Kina has been spent with landowner

companies. EMPNG and IBBM presented on topics including governance and leadership, safety, health and environment, compliance and local supply chain development. Expert panelists from finance, government and agency sectors, entrepreneurs, innovators, development partners and local businesses discussed the challenges they face in meeting the global standards and requirements set by EMPNG. Andrew challenged local businesses to raise their standards. The standard you set as directors, officers and employees of your companies will be your greatest strength.

As you grow your businesses think about what it is you stand for. Think about how you interact with the business community and how your activities positively contribute to the community. The IBBM Enterprise Centre was established by the PNG LNG Project in 2010 as part of its commitment to create economic and business development opportunities for Papua New Guinean businesses. To date, the partnership has completed over 450 business assessments, assisted over 18,000 local entrepreneurs, conducted more than 23,000 days of training and over 1,200 advisory and mentoring days.



ExxonMobil PNG Managing Director Andrew Barry addressing participants at the IBBM Enterprise Centre supplier workshop.

# Health matters to ExxonMobil PNG

Since 2014, ExxonMobil PNG (EMPNG) and PNG LNG co-ventures have invested more than 27.9 million Kina in a wide range of partnerships and initiatives to support the health of Papua New Guineans. EMPNG works closely with NGOs and other companies to implement public health initiatives that improve the delivery of health education, services and awareness in PNG on health issues like TB, cancer and malaria.

Our ongoing partnership with the Texas Children's Hospital and Baylor College of Medicine through the Port Moresby General Hospital is improving the delivery of health services in PNG by supporting visiting doctors from these institutions to train and supervise medical students at the UPNG School of Medicine and Health Sciences.

At a local level PNG LNG is supporting the training of health care workers and making infrastructure improvements to community clinics.

In addition to the many initiatives implemented in 2016, EMPNG funded a continuation of its partnership with the PNG Institute of Medical Research to develop a Community Health Impact Management Program which monitors the impact of the Project on the health of communities surrounding Project areas through its Health Demographic Surveillance System. See story on page 4.

Other health initiatives EMPNG



EMPNG continues partnership with PNG Institute of Medical Research to develop Community Health Impact Management Program. (Below) EMPNG's Debbie Maraki (right) hands the ambulance key to Administrator of Kikori Rural Hospital, Larry Kaipu.

has supported through a partnership program with the PNG Tribal Foundation includes the delivery of medical equipment and supplies to hospitals in surrounding Project areas including Tari, Lae and Port Moresby. It has also delivered a fully equipped ambulance to Kikori Health Centre and refer to our page 1 story on the Para community in the Hela Province receiving a new sub-health centre.



## Protecting communities against Malaria

*"Nevertheless, we must continue to supply LLINs or malaria is likely to bounce back and become a severe problem once again."*

Communities in Project areas received more than 3,900 Long Lasting Insecticidal Nets (LLINs) in November 2016 thanks to a partnership between ExxonMobil PNG (EMPNG) and Rotary Against Malaria. EMPNG donated K80,500 to Rotary Against Malaria who distributed the bed nets to areas in Hela, Gulf and Central Provinces where incidences of malaria continue to have an impact.

EMPNG Managing Director Andrew Barry said as a major employer and investor in PNG, we have witnessed the devastation of malaria and its impact on the lives of our workforce, their families and communities. "The use of treated bed nets is one of the most effective ways to prevent mosquito bites. It is our hope that by distributing these bed nets we can help reduce the number of malaria cases and importantly, reduce

the burden it places on families in communities where we operate," said Andrew. Rotary Against Malaria Project Manager Tim Freeman said since LLINs were introduced to PNG in 2006, malaria prevalence and incidence is estimated to have fallen by over 70 percent in most areas of the country. "In many parts of the Highlands malaria seems to have disappeared as malaria outbreaks, which became

common in the Highlands, have now not occurred for many years. "Nevertheless, we must continue to supply LLINs or malaria is likely to bounce back and become a severe problem once again," said Tim. EMPNG encourages communities to get involved and join the fight against malaria as they work towards improving the health of PNG.





# Extended partnership benefits the health of PNG's communities

ExxonMobil PNG (EMPNG) has renewed the Community Health Impact Management Program with the PNG Institute of Medical Research (PNGIMR), to continue implementing its Health Demographic System Survey (HDSS) within Project area communities.

The ongoing survey monitors the impact of PNG LNG on the health of communities within Project areas by collecting long-term health information to determine existing common illnesses, their magnitude and trends and the emergence of other diseases.

EMPNG Managing Director Andrew Barry said the partnership demonstrates the importance of establishing effective partnerships in public and private sectors to further develop PNG's sustainable health sector and improve community health.

"Partnerships like this drive positive development and we look forward to continuing our work with PNGIMR to improve the livelihoods of communities," said Andrew. The then PNGIMR Director Professor Peter Siba said the

survey provides information and data that can be used to assess the health and social impacts of the Project on surrounding communities and provides a long-term platform for national training in applied field research.

"The diversity of possible assessments is quite large and can include pilot projects promoting healthy behaviours or changes in educational attainment by household members.

"More importantly, the program continues to improve research and national capacity building by offering facilities for practical field training in related research fields and, enables the PNG Department of Health to use the information for health and social sector planning," said Peter.

In early 2016, the partnership received international recognition from IPIECA, the global oil and gas industry association for environmental and social issues, in its Health Impact Assessment Guide, as an example of industry best practice.



EMPNG Managing Director Andrew Barry and the then PNGIMR Director Professor Peter Siba at the signing ceremony.

## Operations and maintenance training program offers pathways to jobs

Sixteen promising young Papua New Guineans have begun their competency based training at the newly established Kumul Petroleum Academy located in Port Moresby.

The competency based technician program is part of a training agreement between ExxonMobil PNG (EMPNG) under its Operations and Maintenance Training Program and South Pacific Employment Institute. The competency based technician program provides on-the-job training and mentoring for the trainee technicians over a period of fifteen months.

The young men and women have the unique opportunity to be trained to international standards in the mini processing plant called the Safe Live Process Plant (SLPP). The program seeks out some of the best and brightest young men and women that PNG has

to offer and provides intensive training to prepare them for roles in the disciplines of Operations, Mechanical, Electrical and Instrumentation. EMPNG Operations Superintendent Graeme Hunt said developing the skills and building capacity of the workforce remains one of EMPNG's core commitments. "We are maximising employment opportunities for Papua New Guineans wherever possible, while also preparing workers for future opportunities both inside and outside of the company," said Graeme.

EMPNG sponsored trainees develop skills in tool use in Kumul Petroleum Academy workshop.



# Highlands business achieves sustainable growth



Hides Gas Development Company workers.

Umbrella Representative Landowner Company for PNG LNG operations within Southern Highlands and Hela Provinces, Hides Gas Development Company (HGDC) played a significant role in the construction of PNG LNG.

This support has continued well into production as the company develops their business and achieves sustainable growth. Since its inception in April 2008

HGDC, who represents 13 landowner companies in the region, has supplied ExxonMobil PNG (EMPNG) with skilled labour in civil construction, catering and security services.

At the peak of the PNG LNG's construction, HGDC employed over 3000 Papua New Guineans and with the support of EMPNG has continued to flourish through to production operations, now employing over 400 Papua New

Guineans. HGDC is achieving sustainable growth by supplying production related services to EMPNG and expanding their services into road maintenance, diversifying their client base and areas of operations and providing dividend support to their shareholders.

HGDC Chairman Tuguyawini Libe Parindali said adjusting from construction to production was one of HGDC's

biggest challenges, however with the support of EMPNG the company was able to adjust its operations accordingly and today have a stronger and more capable landowner company. "EMPNG has helped us develop new growth opportunities by expanding our services into production, supporting the hire of new company leaders and helping them to create new partnerships with international

organisations," Mr Parindali said.

He acknowledged the PNG LNG funded IBBM Enterprise Centre as being instrumental in helping HGDC build a sustainable business through the provision of business training and mentoring for staff and directors. HGDC is proud to have worked with EMPNG from the start of construction and look forward to supporting EMPNG into the future.

## Communities in Hela visit Hides gas plant

Staff at the Hides Gas Conditioning Plant recently commenced hosting a series of visits by community groups to the facility.

The inaugural visit was by seventeen community members consisting of six men and eleven women from the Mbelopa community who walked into the HGCP for the first time in late November 2016. The second group was made up of twenty community members from the Nogoli area including two men and eighteen women on 12 December 2016.

The visits are what the Hides team envisage will be an ongoing program to educate the community about the Project, targeting students, church representatives, community leaders, and youth and women groups from the

Hides area.

"The aim of the site community tour program is to help the community understand more about our operations and the Project. It complements our community programs and engagements outside the fence with the locals to further strengthening our relationship with the community," said Upstream Community Affairs Field Operations Supervisor, Ely Sawa.

The tours included visit to the plant, bus tour around the facility, mess and kitchen facilities with HGCP caterer Alliance who briefly ran through proper food storage, safe food handling practices and general hygiene.

They also stopped over at the ISOS medical centre where the medical staff had the opportunity to do a brief



Members of Nogoli community visit HGCP.

awareness on breast cancer and TB. They finished their tour with lunch from the HGCP mess.

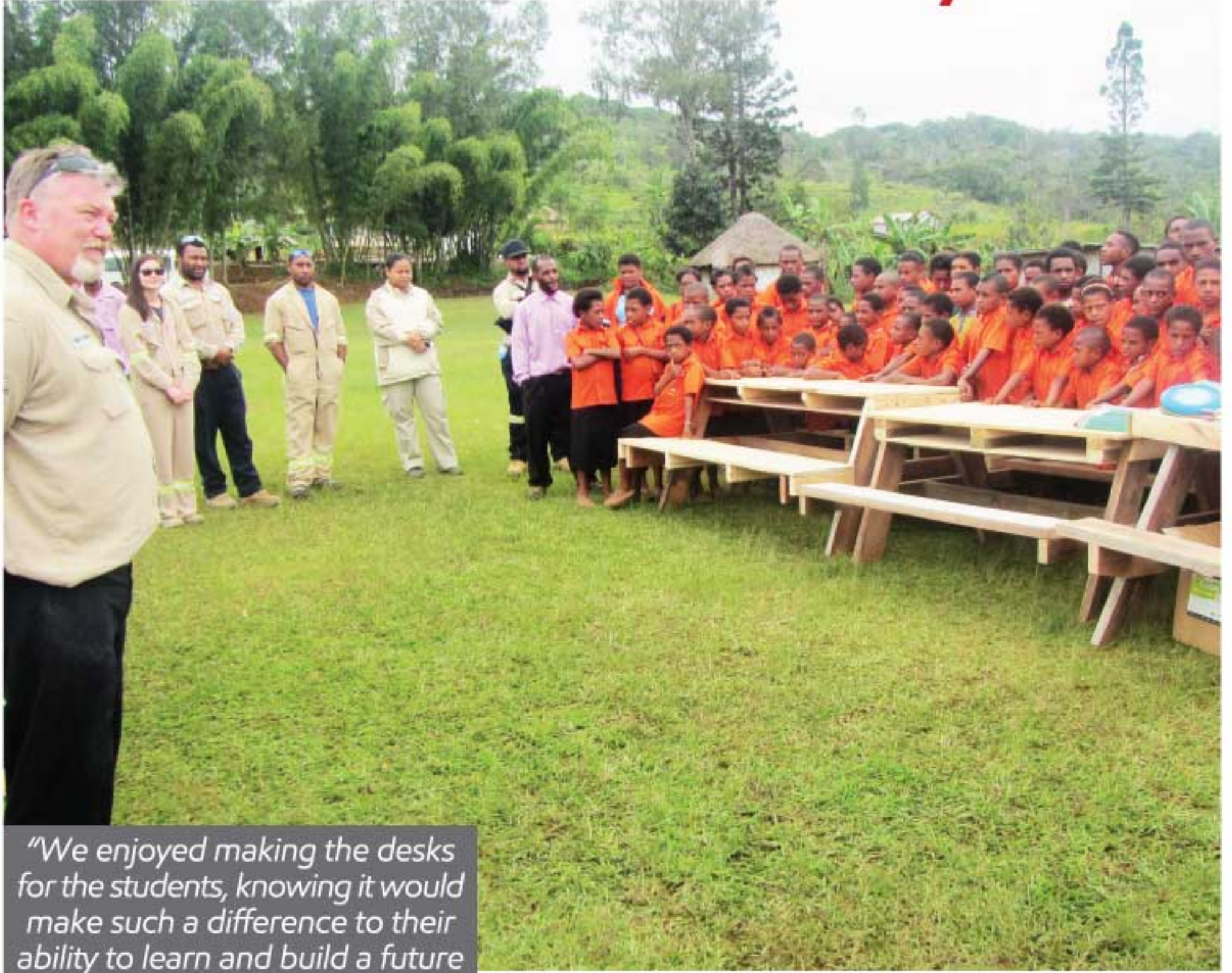
"We would like to thank EMPNG management for this opportunity. The main

takeaway for us would be the insight into the early processes that the gas from Mt Gigira goes through after extraction, the hygiene and how food is prepared, and the company's commitment to addressing

health issues such as its emphasis on the importance of early breast cancer checks and treatment," said Mariana Koi, a representative of the Mbelopa Community.



# New desks for Tiute Primary School



Hides Gas Conditioning Plant Maintenance Supervisor Murray Johnson and his maintenance team handing over the desks to Tiute Primary School Students.

*"We enjoyed making the desks for the students, knowing it would make such a difference to their ability to learn and build a future for themselves".*

School children of Tiute Primary School in Hela Province are enjoying learning in an improved environment through the donation of school desks from ExxonMobil PNG (EMPNG). The EMPNG maintenance team at the Hides Gas Conditioning Plant (HGCP)

built the desks in their own time using spare materials after seeing the students sitting on the ground when they presented the end of the year awards in late 2015. HGCP Maintenance Supervisor Murray Johnson said providing the school with desks was a simple gesture the

team could offer to make a positive impact on students' education. "We enjoyed making the desks for the students, knowing it would make such a difference to their ability to learn and build a future for themselves," said Murray. Teacher In-Charge Jim Marai

said the newly built desks will positively improve students' engagement and ability to learn. "Prior to the construction of the desks, the students were forced to sit on compacted dirt and mud, which made it very hard for them to take notes and undertake exercises.

"From now on, students in elementary will sit at the new desks thanks to the ExxonMobil PNG team," said Jim. EMPNG has been providing support to schools in the Project areas since 2010 through the donation of learning and teaching materials.

## Youth camp builds better role models

*"As adults, we are role models to younger generations and it is our responsibility to demonstrate the qualities of a great leader."*

In late September 2016, ExxonMobil PNG (EMPNG) helped 49 young Papua New Guineans attend the Mike Manning Youth Democracy Camp, hosted by Transparency International PNG, to become better role models in their community. Participants were taken through a series of confidence and skills building exercises at the camp which aims to empower youths to actively participate in their community and help create a positive

society. Youths from 15 secondary schools, five community based organisations and one tertiary institution attended the camp held at the Correctional Service Training College in Bomana, Port Moresby including three from the PNG LNG project areas. Over the course of the event, participants were led through an intensive program that included governance, capacity and skills building exercises and presentations by guest

speakers. The main activity included a governance simulation where participants were set the challenge of governing a made-up independent country in crisis. The participants also enjoyed interacting with NCD Governor, Powes Parkop, the US Ambassador Catherine Ebert-Gray, member for Gazelle District, Dr Allan Marat and many others. EMPNG Managing Director Andrew Barry said the Mike Manning Youth Democracy

Camp is a great program that demonstrates the importance of being a positive leader in society. "As adults, we are role models to younger generations and it is our responsibility to demonstrate the qualities of a great leader," said Andrew. Since its inception, more than 400 students have passed through the camp, gaining greater knowledge and inspiration to become better role models in their communities.

# Mentoring program inspires women to 'Rise Up'



(Top) The newly trained 40 mentors with representatives from EMPNG and YWCA PNG and below PNG LNG Operations Technical Manager Melissa Bond addressing the participants.



ExxonMobil PNG (EMPNG) has helped 40 women from Porebada, Boera, Papa, and Lealea attend a week long mentor training program conducted by the Young Women's Christian Association (YWCA) of PNG to promote social changes in their communities.

The program is designed to provide mentors with knowledge and skills in the lead up to the YWCA's Rise Up Project; an initiative aimed at educating and empowering young women and girls to lead change in their society by creating safe spaces for them. The women who undertook the mentor training will guide and support YWCA to run the

Rise Up program, targeting young women between 15 and 30 years of age. A participant from Boera Village who attended the mentor training, Lily Homoka, thanked EMPNG and YWCA for the knowledge imparted to the women.

EMPNG's Operations Technical Manager Melissa Bond encouraged the women to use their new skills to support those around them and contribute to a vibrant and exciting future for the next generation of Papua New Guineans.

"Through our partnership with YWCA we are contributing to the efforts that give women opportunities to develop leadership skills, and acquire mentoring support that inspires them to contribute positively to their communities," said Melissa. Executive Director for YWCA PNG Diane Kambanei expressed gratitude to EMPNG for supporting the training program.

"It is heart-warming to know ExxonMobil PNG is making an outstanding contribution to helping women and youth in PNG fulfil their potential and serve as drivers of both economic and social change in their communities," said Diane.

The program was rolled out to youths in November and the YWCA aims to train 120 young women and 40 young men from the four LNG Plant site villages by the end of 2017.

## Preschool teachers trained on early childhood learning

*"ExxonMobil PNG recognises the important role Buk bilong Pikinini plays in providing early childhood reading programs to so many children. Building strong reading skills at a young age is critical to help children with their early learning."*

Eight preschool teachers from Papa and Porebada Salvation Army Preschools near the PNG LNG Plant site have completed community educator training with early childhood learning and development in September 2016.

Facilitated by Buk bilong Pikinini (BbP) with support from ExxonMobil PNG (EMPNG), the community educator training is part of BbP's Buk bilong Komuniti program.

Each of the preschools left with more than 1000 books and BbP developed handbooks, guides, games and materials to help create a library learning centre for their communities to enjoy.

"ExxonMobil PNG recognises the important role Buk bilong Pikinini plays in providing early childhood reading programs to so many children. Building strong reading skills at a young

age is critical to help children with their early learning," said EMPNG Community Development Support Manager, Sisa Kini.

"We invest in programs like the early childhood educators training to empower facilitators of the education system to drive and influence the growth and development of our community.

"We also understand that building the capacity of our teachers will help them to stimulate curiosity and enthusiasm to learn amongst children who are at a pivotal age. A child's success, health and emotional wellbeing is shaped by their experiences in early childhood.

"If we get it right in the early years, we can expect to see children thrive throughout school and their adult lives," she said.



# Basketball clinic goes to Juni

Thirty six students, youth and teachers from the Juni Primary School and surrounding Juni community in the Hela Province completed a basketball coaching clinic held at the PNG LNG Hides Gas Conditioning Plant staff recreation facilities. The clinic was run by the Basketball Federation of Papua New Guinea (BFPNG) with the support of ExxonMobil PNG (EMPNG), and its aim was to empower young people through life-skills training and health awareness, using basketball as a medium. The clinic included basketball drills and techniques, life skills training and health education. ExxonMobil PNG recognises the importance of encouraging and inspiring young people from project areas to make a positive contribution to their communities.

"The lessons learned in the basketball clinic will help young people develop skills that will support their personal development as they step out into higher education and career opportunities. By engaging with them meaningfully in this way it will provide some appropriate tools to not only develop themselves, but to share and pass on the learnings to their communities in pursuing healthy life styles," said ExxonMobil PNG's Hides Gas Conditioning Plant Superintendent Sagayaraj Santhanasamy. BFPNG used the opportunity to also promote the three Olympic values of respect, friendship and excellence under Papua New Guinea Olympic Committee's Olympic Values Education Program. The students and youth were encouraged to recognise ways in which the values were



Basketball Federation representatives, Timothy Mako and Karo Lelai demonstrating some basketball techniques to the basketball clinic participants.



displayed in everyday life and how they can integrate it in to their own behavior and actions. "To become a good player,

you need the proper skills and knowledge of the game. At the same time, anybody can learn to play basketball with good skills but having the right

attitude and discipline is important in their development as sports people and also as the future generation of PNG," said Karo Lelai of BFPNG.

## Volunteers clock over 1400 hours in 2016

More than 1400 hours have been put into 2016's ExxonMobil PNG Limited's staff volunteer program and 45 sessions have been conducted through the Science Ambassador Program (SAP). Volunteers have participated in 17 different activities across the PNG LNG project areas. Activities ranged from packing books, reading, cleaning up coast line and painting of a high school classroom. One of the highlights from the volunteer program was sorting and packing of over 8,000 books and distributing them to 25 schools within the PNG

LNG project areas in Hela, Southern Highlands and Central Provinces. The Science Ambassadors conducted 45 sessions to 18 schools in NCD, Central, Hela and Southern Highlands Provinces. For the first time in 2016, the program was extended to include three public schools in Port Moresby. The program reached a total of 1215 students. EMPNG Public and Government Affairs Manager Daniel Worrall in thanking everyone for their efforts said, "You have all contributed to improving the environment and lives of people in our communities."

## Staff Volunteer Column



Some of the Volunteers and Science Ambassadors with EMPNG Public & Government Affairs Manager Daniel Worrall (in white) and EMPNG SHHE Manager Dennis Vidmar.

"Whether you have committed your time to cleaning, painting, helping out our community partners or by inspiring

students to think about career paths in our industry and to value their education, you have made a difference by

contributing something positive to our communities and the development of PNG," he added.



Contact us at [pnglngproject@exxonmobil.com](mailto:pnglngproject@exxonmobil.com)

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