



# PNG LNG TIMES

## PNG LNG builds strong national workforce



Naomi Iowa (left) and Jacqueline Kuambu (right) recently graduated from the Kumul Petroleum Academy in Port Moresby. They start their careers with ExxonMobil PNG as operations technicians in January 2018.

*“Impressively, over 50 are women – it is very pleasing to see at this stage of our operation and we hope that over time, through their involvement, more young girls are starting to think about the opportunities that are available to them in the oil and gas industry in the country.”*

Building operational and intellectual capacity in Papua New Guinea remains one of our top priorities. Tapping local talent from Papua New Guinea to work at the PNG LNG project is central to our workforce strategy. Our efforts to build a strong national workforce has continued to progress in 2017 through investment in training and development. Our workforce remains steady at around 2,500 people. 82 percent are Papua New Guinean citizens – 22 percent are women. Over time we are

confident those numbers will grow even higher. This year, we saw our first Papua New Guinean operations technicians move into supervisory positions both at the Hides Gas Conditioning Plant and LNG plant. We now have more than 200 operations and maintenance trainees at various stages of their development. Impressively, over 50 are women – it is very pleasing to see at this stage of our operation and we hope that over time, through their involvement, more young girls

are starting to think about the opportunities that are available to them in the oil and gas industry in the country. The opening of the Kumul Petroleum Academy and the South Pacific Training Institute in the last two years means that our new 2017 trainees are now receiving part of their complex technical training from a Papua New Guinean provider; trainees in previous years had to go overseas. We look forward to seeing the first trainees from the Kumul Academy graduate and join our operations in 2018.

### Message from Managing Director, ExxonMobil PNG Andrew Barry



What a busy year it's been! We have had another great year – thanks to the collective support and hard work of our workforce, co-ventures, suppliers, landowners and government. As 2017 draws to a close, I would like to extend warm

wishes for the holiday season. Our achievements in 2017 have been significant, from our safety performance and community support programs to our LNG production and acquisition and exploration activity – all of which have contributed to another

successful year for ExxonMobil PNG. We celebrate this time of the year in many different ways, depending on our cultures, beliefs and traditions. I hope that for all of you, it is a time to relax with family and friends and a time to reflect on

our blessings. I would like to take this opportunity to thank all of you for your hard work and commitment in 2017 and to wish each and every one a very merry and safe Christmas with your families and a Happy New Year 2018!

# A school built by the community



Puro Bisia outside the Papa Primary School teacher's residential house that he lives in. The teacher's house was built by ExxonMobil PNG.

We all want a better future for our children. The following story illustrates what is possible when people come together to create a positive change in the community.

Puro Bisia comes from Papa village, a community within the PNG LNG plant site area. With no elementary school to educate the village's younger population who were too young to start primary school, and with the other elementary schools far away, Puro took matters into his own hands. First, he decided to get

elementary school training. Elementary school training was being rolled out to the districts by the Department of Education. For three years, Puro, attended the training. With a big heart for his community and through dialogue with individuals representing churches, non-

profit organisations and businesses, Puro generated a number of ideas and actions to make an elementary school for the village a reality. These were early construction days at the PNG LNG plant and businesses contracted by PNG LNG, also offered to help. In 1998, Puro's action plans

were dampened by land issues – the clan did not agree to have a classroom built on their land. That did not end his dream! "On the first day of school, 40 eager children turned up. We used the Women's Fellowship Hall to carry out our lessons in our local language," said Puro. Eventually, parents whose children gathered in the Women's Fellowship Hall, formed a Parent and Citizen (P&C) committee to help set school policy and make decisions about day to day issues at school. The

committee also brought together parents to assist the school.

"We started from scratch. The P&C discussed the land issues with clan leaders and resolved the issue," said Puro with a smile.

Papa village now had an elementary school and a primary school but they were situated in two different locations in the village. In 2012, a decision was made to have the elementary and primary schools in one location.

The elementary school was relocated from where it humbly began to its new and current location at the primary school grounds.

Today the elementary school boasts three classrooms and a library. The combined commitment from Puro and many people and organisations in the community ensured a shared vision became a reality. As operator of the PNG LNG project, ExxonMobil PNG has assisted the Papa Elementary and Primary Schools with a teacher's house, water tanks and through annual school key events like Book Week, Literacy Week and Independence Day celebrations.

Happy voices of more than 150 children singing songs and reciting rhymes in their local language can be heard from afar when you're in the elementary school vicinity.

*"We started from scratch. The P&C discussed the land issues with clan leaders and resolved the issue."*



A happy class of elementary children and their teacher are all smiles at Papa Elementary School.

# Participation from local suppliers

Small and medium-sized enterprises (SMEs) play a very important economic and social role in the economy and in job creation. In many countries, SMEs are the backbone of their economy. The contribution PNG businesses have made to PNG LNG's success is considerable, and grows year on year as the skills and capacity of local companies increase.

2017 was a year of record participation from local businesses – with nine landowner companies and some 150 non-lanco businesses providing services ranging from labour hire, maintenance, transportation, fuel distribution, container freighting, vegetable supplies, security, freight and logistics. One of the most significant ways that we have helped landowner companies as well as other local businesses to increase their opportunity to participate in our business is through training.

Total Waste Management is a fantastic example of a local supplier that we have worked with to build their capacity as a business.

This supplier operates a range of potable and wastewater treatment plants across the PNG LNG facilities and has worked with us for a number of years.

After witnessing the ongoing



IBBM Executive Director Johnson Pundari (left) chatting with ExxonMobil PNG National Content Manager Susil Nelson-Kongoi.

education and training opportunities offered to ExxonMobil staff, the management at Total Waste Management recognised that their operators, though rich in experience, were in need of formal training and qualifications that would help them realise their potential. With the support of

ExxonMobil PNG, the company engaged a registered training organisation to provide their plant operators with formal training and qualifications in water operations. As a result of this capacity build, Total Waste Management has since been involved in a number of major

maintenance projects on the PNG LNG project which involved working at heights, confined space and inert entry and breaking containment activities. Our continued support for the PNG Institute of Banking and Business Management Enterprise Centre (IBBM) also continues to provide training

opportunities for a large range of local businesses. The Enterprise Centre has been instrumental in helping Papua New Guinean businesses and landowner companies build long-term sustainable businesses supporting PNG LNG.

## Health & safety

### Creating a vision of safety success

Safety, security, health and environment are four values that are key pillars in ExxonMobil PNG's vision for success.

Our dedication to understanding and preserving the environment is setting new environmental benchmarks for future developments in PNG. A 2017 highlight has been our biodiversity strategy and monitoring programs which are showing continued improvement year on year as regeneration targets are met. In September, 120 ExxonMobil PNG staff and 45 representatives from companies who contract to our business took part in the 5th Contractor Safety, Security, Health and Environment (SSHE) Leadership Workshop in Port Moresby.

The workshop is an annual meet that brings everyone together to ensure adherence to our core policies and to share practical hands on experiences to help drive improvements.

This year's workshop was themed 'Leadership and Barrier Health: Do you have confidence in the barriers and controls to keep your workers safe?' and focused on developing SSHE cultures, sharing valuable insights and strengthening business relationships. ExxonMobil PNG Production Operations Manager Murray Bell kicked off the workshop presenting the 2017 production highlights and safety performance results. He emphasised the company's vision of achieving a high



The annual Contractor Safety, Security, Health and Environment (SSHE) Leadership Workshop underway in Port Moresby.

performing culture of personal care, risk management, and flawless execution of the ExxonMobil Operations Integrity Management System across all areas of operation. ExxonMobil PNG LNG Plant Operations Manager Jagir Baxir engaged the audience by exploring practical ways to use traditional leadership safety

walks on site in combination with the major risks and barriers information. He also encouraged all site staff to know the major risks of their work. ExxonMobil PNG Executive Director Dinesh Sivasambo said the annual SSHE Leadership Workshop is one of the key events in the year

which is an enabler on the journey towards EMPNG's safety vision of 'Nobody Gets Hurt'. 'ExxonMobil PNG's safety record is something we are proud of and is the result of our continued focus on ensuring everyone returns home safely to their families,' he said.

# School kids receive end of year merit awards

*"Thank you so much – the teachers, parents and students as well as the school board management appreciate the gesture in supporting our school with prizes."*

Pride comes with achievement and recognition of hard work. An important part of any school calendar is the end of year awards of merit which recognises students' academic excellence.

This year, ExxonMobil PNG contributed prizes to nine primary schools, one high school and two secondary schools in Southern Highlands, Hela and Gulf provinces for Excellence Awards for their students.

The awards recognised the students who scored overall excellent academic results in each grade.

The schools were Homa Pawa Primary School (Hela); Waro Primary School, Aio Primary School, Tubo Primary School, Wemi Primary School, Lake Kutubu Primary School, Lake

Kutubu Secondary School, Gobe Agro High School, Don Mosley Primary School (Southern Highlands); Kikori Secondary School, Kikori Primary School and Kopi Primary School (Gulf).

"Thank you so much – the teachers, parents and students as well as the school board management appreciate the gesture in supporting our school with prizes," said Hilda Steven from Don Mosley Primary School.

ExxonMobil PNG Community Affairs Officer Sarah Garap attended the Lake Kutubu Primary School graduation and encouraged the students to dream big, study hard, set goals and work towards achieving goals through lots of reading, discipline and staying out of trouble.



(Top) A happy Homa Pawa Primary School Headmaster Jonathan Ogoli collected prize awards for his school from ExxonMobil PNG in Moro.



(Right) Prize items for Aio Primary School were well received by the school headmaster Stanley Omu, school Board of Management members and some parents.

## Building a culture of giving

Our staff get involved in various volunteer programs across all our sites. Recently, our staff donated fencing materials and volunteered to construct a fence for Inu Elementary School in Moro.



# Leadership skills development for young women



Young women from Porebada village participated at the Rise Up training conducted by YWCA.

As an organisation committed to promoting the leadership of young women, with support from PNG LNG, the Young Women's Christian Association of PNG (YWCA), conducted a week long training program in Boera for young women in the LNG Plant communities. The Rise Up training is a crucial program that educates and

empowers young women and girls to lead change in their society by building advocacy and leadership skills. The training program has up-skilled 20 young women from Boera, Porebada, Lealea and Papa villages to be change agents in their villages.

## Schools receive desks, chairs and tables

Recently, our Community Affairs team were delighted to donate desks, tables and chairs to schools in the LNG plant site village communities. Desk sets were delivered to Bogi Literacy School, Redscar High School, Porebada Elementary School, Edith Preschool, Maiari Preschool, Porebada SDA Preschool, Boera Elementary School, Papa Elementary School, Lealea Elementary School and Porebada Primary School.



Redscar High School



Lealea Elementary School



Bogi Literacy School

# Decie Autin Scholarship helping women achieve their dreams

Decie Autin is recognised as the person who helped spearhead the construction of the PNG LNG project. She is also a passionate supporter of creating opportunity for women to succeed through economic empowerment and education. When returning to for a visit this year, she caught up with past and new recipients of the Business and Professional Women's (BPW) Club Decie Autin Science, Technology, Engineering and Mathematics (STEM) Scholarship for Women. Jenny Kimat, a scholar and 3rd year Bachelor of Medicine and Surgery (MBBS) student attending the University of Papua New Guinea (UPNG) Taurama campus, said Decie's comments were what motivates her and others who have benefited from BPW scholarships. "I was encouraged by the BPW activities in high school whereby my Indonesian teacher, Mrs Yogi Baramptaz, was a member.



Jenny Kimat (in blue blouse) standing next to Decie Autin and other scholarship recipients and BPW Executives after the gathering at the PNG LNG offices in Port Moresby.

"I look up to my mother as the role model in the family. She has been my pillar since day one, catering for my every need and the scholarship has been a great relief to her as she can now concentrate on my other siblings."

That's how I started getting involved in BPW activities and eventually secured a scholarship," says a delighted Jenny.

Jenny was selected out of many applicants for the Decie Autin STEM scholarship in 2014 when she was accepted to do Science Foundation at the UPNG after graduating from Marianville Secondary School outside Port Moresby with a GPA (Grade Point Average) of 3.6.

"There were a couple of prerequisites and an essential one for me was to maintain a GPA of 3.0 and above annually so that I could continue to be eligible for the scholarship for the duration of my studies from Science Foundation into the Medical Faculty at Taurama campus for the MBBS program," says Jenny. Jenny who is of Manus and

Western Highlands parentage has three siblings - two brothers and a sister. "I look up to my mother as the role model in the family. She has been my pillar since day one, catering for my every need and the scholarship has been a great relief to her as she can now concentrate on my other siblings.

"Mingling and listening to Decie and the role she plays in a huge corporation like ExxonMobil epitomises and embodies my aspirations as a female; to excel and push beyond any boundaries and to succeed in the path I am taking," says Jenny.

"I really like the way she carried herself during the get together and was moved and exhilarated by her advice to us PNG women to continue to be passionate about what we do, regardless of the monetary



Jenny Kimat (in blue blouse) chatting with Decie Autin and executives of the BPW club.

benefits which will always ride on the back of what we really love to do, our passion." Jenny hopes to continue her scholarship and graduate in 2020 with a MBBS degree. Her advice to other young women is to be confident in themselves, their abilities and in their various ambitions and goals in life. The Business and Professional

Women's Club of Port Moresby (BPW) developed the Decie Autin scholarship which aims to encourage young Papua New Guinean women to undertake STEM studies. The scholarship partnership between BPW, ExxonMobil PNG and Decie Autin commenced in 2014 and financially assists

disadvantaged women wishing to undertake tertiary studies. In addition, over 1,600 women and girls have benefited from other BPW scholarships and education programs to progress their education and careers.

# The journey from player to coach

Growing up in a family so passionate about sport and with an uncle playing professional rugby and later coaching the PNG Kumuls, it was hard not to get hooked to rugby league at an early age. "As a kid, I followed the Balmain Tigers and I loved watching Benny Elias play footy. My uncle Skerry Palanga coached the PNG Kumuls in the 1980s and 1990s and perhaps that has also had a major influence on my coaching career," said Michael Marum.

From Rabaul in the East New Britain Province, Michael is the Head Coach of the PNG Hunters and the PNG Kumuls. Michael began what would be a colourful playing and later, coaching career in rugby league when he started playing with the Paga Panthers junior club in Port Moresby in 1996. He later played for the Port Moresby Vipers and donned the PNG colours playing four test series and the 2000 Rugby League World Cup in Europe. He played alongside other rugby big names like Marcus Bai and John Wilshere. Marcus and John made a comeback in a reunion of sorts, at the recent 2017 Rugby

League World Cup, assisting Michael with the PNG LNG Kumuls team. His coaching career took off after stints as assistant coach for the PNG Kumuls in the 2008 Rugby League World Cup, the 2010 four nation series and as Head Coach with the Rabaul Agmark Gurias. Under Michael's leadership, the PNG Hunters for the first time, won the Queensland Intrust Super Cup grand final in 2017. "That was my favourite moment this year,"

overwhelming experience, chatting with children who were ill and their care givers at the children's ward. It felt good putting a smile on the children's faces," said Michael. He and the team also visited the PNG LNG plant and staff community. Michael added that such community engagements were encouraging for the players. "It's these communities where we have our biggest fan base – in the villages and

*"Discipline is key. One needs to work hard and work smart."*

added Michael. "The recent Rugby League World Cup was the first time PNG hosted three games on home soil. The support we have received from the community has been massive! PNG LNG organised community engagements with a village school and the surrounding community and a visit to the children's ward at the Port Moresby General Hospital. It was an

settlements – and it gives the players the opportunity to meet and appreciate everyday Papua New Guineans and to share their skills and knowledge at rugby coaching clinics in villages. It also improves their public presentation and speaking skills," said Michael. What is the secret to Michael's success? "Discipline is key. One needs to work hard and work smart," said Michael.

## 60 seconds with Michael Marum

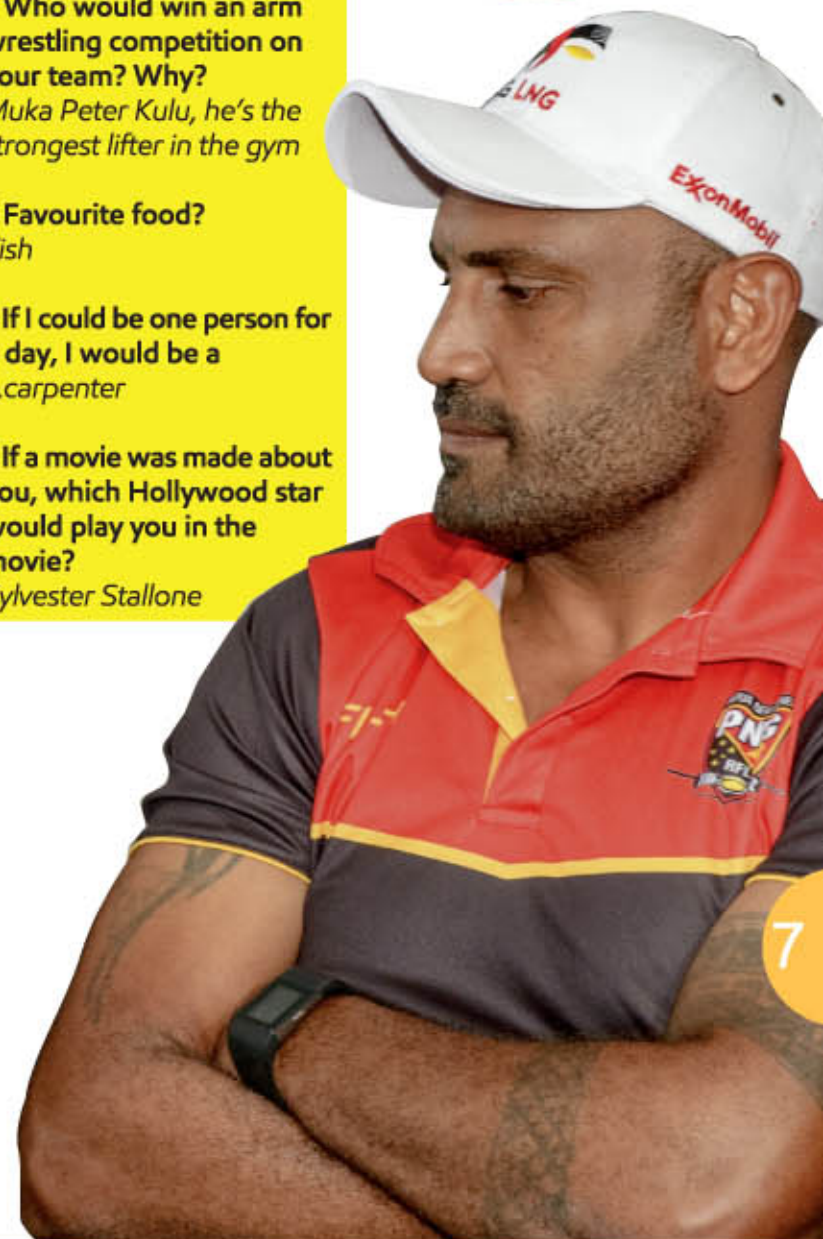
### Fun trivia

\* Who would win an arm wrestling competition on your team? Why? Muka Peter Kulu, he's the strongest lifter in the gym

\* Favourite food? Fish

\* If I could be one person for a day, I would be a ...carpenter

\* If a movie was made about you, which Hollywood star would play you in the movie? Sylvester Stallone



ExxonMobil PNG Managing Director Andrew Barry (centre) surrounded by coach Michael Marum, PNG LNG Kumuls players and Port Moresby General Hospital staff prior to visiting the children's ward.



PNG LNG Kumuls players ran a coaching clinic at Boera village.

# ExxonMobil PNG staff put smiles on children's faces



Children living at the Friends Foundation were all smiles as they unwrapped their gifts that ExxonMobil PNG staff presented to them. 25 staff, including a dressed up Santa Claus, visited the Friends Foundation Centre at the Port Moresby General Hospital and the Children's Ward at the 6-Mile Clinic. More than 200 Christmas gifts donated by staff, their families and the company were donated across both locations. ExxonMobil PNG through its Staff Volunteering Program continues to reach out to communities in project areas through various volunteer activities. A total of 1800 hours was spent this year by staff on volunteer work. The delivering of Christmas presents to disadvantaged children is a great way to end the staff volunteering program for the year.



(Top) ExxonMobil PNG staff volunteer Patricia Oa, presented a gift to one of the children at the Friends Foundation. (Bottom) The children at the Friends Foundation were delighted to receive gifts from ExxonMobil PNG staff volunteers.



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The PNG LNG Project is an integrated development that includes gas production and processing facilities, onshore and offshore pipelines and liquefaction facilities. Participating interests are affiliates of ExxonMobil Corporation (including ExxonMobil PNG Limited as operator), Oil Search Limited, Kumul Petroleum Holdings Limited, Santos Limited, JX Nippon Oil and Gas Exploration and Mineral Resources Development Company.

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