



ISSUE NO. 2, 2020

# BRUNEI SHELL REFINERY DELIVERING BRUNEI ENERGY FROM 1983 TO 2020



ALSO IN THIS ISSUE:  
**SERIA ENERGY  
RECREATIONAL PARK**  
THE LATEST LANDMARK IN BELAIT

**SOLAR PLANT  
TO POWER BSP HQ  
IN 2021**

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# MD's Desk



Earlier this year, Brunei announced its first case of COVID-19. I am grateful that Brunei has since gotten the pandemic successfully under control, with no reported local transmission of the virus since May 6, 2020. I truly commend the efforts and measures taken by the Government of Brunei to sustain this.

Despite the challenges during these unprecedented times, I believe this year has also highlighted our resilience, reinforced our strengths and reminded us of the things that are truly important – keeping safe and delivering Energy and Care for Brunei. During the fight against the spread of COVID-19 in Brunei, we witnessed numerous heroic acts from our BSP colleagues, and I am happy that they are recognised as COVID Care Heroes in this issue.

In this edition, we highlight some key business achievement, namely the mechanical completion of the Industrial Gas Terminal-2 (IGT-2) with a good safety record. This brings BSP one step closer towards its next major milestone in delivering first gas to Brunei Fertilizer Industries (BFI). We are also moving forward in our decarbonisation and energy transition journey with the ongoing construction of BSP's solar plant. Once operational, the low carbon electricity generated from the solar panels will offset

some of the power used by our BSP Headquarters building!

This year, we awarded scholarships to 33 deserving students through the BSJV Scholarship Scheme. Congratulations! Reiterating our commitment to safety, we have also created a special scholarship – the BSP Safety Scholarship, with the aim to produce highly skilled safety professionals in Brunei.

It was my first time engaging with you during Safety Day this year and what a fruitful experience it was! Adopting a Learner Mindset is crucial to ensure that You and I Will Go Home Safely. Let's continue to have an environment where everyone feels safe to share ideas and and openly discuss mistakes. This will help us learn and not repeat them in the future.

Thank you to our BSP colleagues who volunteered their time as mentors and judges in the first-ever Teens in AI Brunei – a programme that helps develop the digital skills and capabilities of our youth. This is truly aligned to our digital transformation journey, equipping our locals to build a future-ready workforce and in line with the country's preparation towards making Brunei a Smart Nation.

Finally, I am excited that the Seria Energy Recreational Park (SERP) is well-received and loved by the community. What a meaningful way to thank the Seria and Belait community for their cooperation and goodwill over the years. I look forward to seeing more of you at the park!

Wishing you a safe and prosperous New Year with your loved ones.

**Agnete Johnsgaard-Lewis**

Managing Director of BSP and  
Shell Country Chair in Brunei

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# HIS MAJESTY RECEIVES IN AUDIENCE NEW, OUTGOING BSP MANAGING DIRECTORS



- Newly appointed Managing Director of BSP and Shell Country Chair in Brunei, Agnete Johnsgaard-Lewis and the outgoing Managing Director of BSP Dr Ceri M. Powell during an audience with His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah ibni Al-Marhum Sultan Haji Omar 'Ali Saifuddien Sa'adul Khairi Waddien, Sultan and Yang Di-Pertuan of Brunei Darussalam

**H**is Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah ibni Al-Marhum Sultan Haji Omar 'Ali Saifuddien Sa'adul Khairi Waddien, Sultan and Yang Di-Pertuan of Brunei Darussalam received in audience outgoing Managing Director of Brunei Shell Petroleum Company Sdn Bhd (BSP), Dr Ceri Powell, and newly appointed Managing Director of BSP, Agnete Johnsgaard-Lewis, on August 31, 2020. The audience ceremony took place at Istana Nurul Iman.

His Majesty and the managing directors of BSP, among other things, discussed matters in strengthening and enhancing the long-standing cooperation in the oil and gas sector between the Brunei Shell Joint Venture (BSJV) Companies and Royal Dutch Shell Plc.

Also present were Minister of Energy, Yang Berhormat Dato Seri Setia Dr Awang Haji Mat Suny bin Haji Mohd Hussein and Deputy Minister of Energy, Yang Mulia Dato Seri Paduka Awang Haji Matsatejo bin Sokiaw.



# HRH CROWN PRINCE MEETS NEWLY APPOINTED, OUTGOING BSP MANAGING DIRECTORS



- Newly appointed Managing Director of BSP and Shell Country Chair in Brunei, Agnete Johnsgaard-Lewis and the outgoing Managing Director of BSP Dr Ceri M. Powell during an audience with His Royal Highness Prince Haji Al-Muhtadee Billah ibni His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah, the Crown Prince and Senior Minister at the Prime Minister's Office

His Royal Highness Prince Haji Al-Muhtadee Billah ibni His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah, the Crown Prince and Senior Minister at the Prime Minister's Office as Chairman of the Brunei Shell Joint Venture (BSJV) Companies received in audience outgoing Managing Director of Brunei Shell Petroleum Company Sdn Bhd (BSP), Dr Ceri Powell, and incoming Managing Director of BSP, Agnete Johnsgaard-Lewis, on August 31, 2020.

The audience ceremony took place at Istana Nurul Iman. During the ceremony, His Royal Highness and the managing directors of BSP discussed key business activities being undertaken by the BSJV Companies, the development of Bruneian talent, as well as opportunities for sustained growth of the oil and gas sector of Brunei Darussalam.

Also present at the audience ceremony were Minister of Energy, Yang Berhormat Dato Seri Setia Dr Awang Haji Mat Suny bin Haji Mohd Hussein and Deputy Minister of Energy, Yang Mulia Dato Seri Paduka Awang Haji Matsatejo bin Sokiaw.

# SAFETY DAY 2020: ADOPTING A LEARNER MINDSET



■ BSP Managing Director and Shell Country Chair in Brunei Agnete Johnsgaard-Lewis during her remarks at the launching of Safety Day 2020



■ BSP staff and contractors celebrated Safety Day 2020 in various locations and work sites

**T**he world continues to live in uncertainty amidst the COVID-19 pandemic. The challenges we all face right now from the pandemic and the conditions in which we do business are unprecedented and continue to change. Yet we must ensure we can keep operating safely, especially our key facilities to continue delivering for the country. How we all respond in these challenging times will leave a legacy and ensuring the health and safety of all our staff and contractors has never been more important.

One way to ensure that we keep operating safely is to have conversations around safety and to show care to each other. This was emphasised by Agnete Johnsgaard-Lewis, Managing Director of BSP and Shell Country Chair in Brunei during this year's Safety Day. Held annually across the globe by Shell companies and BSP, Safety Day aims to strengthen the safety culture and remind all of our employees and contractors that safety is our number one priority.

This year, Safety Day was organised in two parts. The BSP Mini Safety Day, held in June, aims to start the conversations on three important topics of Care, Learner Mindset and Barriers to Prevent Harm.

## ADOPTING A LEARNER MINDSET

In September, the BSP Safety Day was launched with a townhall both virtually and at the Atrium, where we deepened the conversations on adopting a Learner Mindset. This means always looking to develop our abilities and creating an environment where everyone feels encouraged and welcomed to share ideas and openly discuss mistakes. This will help us to learn quickly and respond to external challenges.

This is a very critical mindset each and every one of us should adopt in our everyday lives. As humans, we need to accept that we all make mistakes, but it is important that we learn from our mistakes and ensure that we do not repeat them in the future. Adopting a learner mindset can also support us through the current difficult environment and can help us to manage risks better in the long term especially in achieving Goal Zero.

BSP's Safety Day launch was followed by a series of conversations on safety at BSP's various offices and at work sites onshore and offshore. Teams across BSP spent time off their non-critical activities to reflect on where we are now on our Goal Zero journey and what we are doing to achieve it.





- A group photo after a Safety Day 2020 conversation aboard the offshore support vessel, Nautical Aisya led by Technical Well Completion (CWI) team of BSP

Agnete, as well as other BSP Directors, joined several of the engagements and discussed further on how to adopt the Learner Mindset and learn from each other's mistakes. One important part of the discussions was on the difference between having a fixed mindset which is regressive to safety, and having a learner mindset which helps to manage the risks better.

At the end of these sessions, each personnel reflects and decides on a personal safety pledge which they promise to keep to make sure that You and I Will Go Home Safely everyday.



- Each personnel reflected and decided a safety pledge which was written on cards or posters



- BSP Managing Director and Shell Country Chair in Brunei, Agnete Johnsgaard-Lewis in a group photo with the personnel at the frontlines at one of the sessions held at one of the wells in Seria



# SOLAR PLANT TO POWER BSP HEADQUARTERS COMING IN 2021



- The Solar Plant project team in a group photo during the groundbreaking ceremony

Construction for Brunei Shell Petroleum's (BSP) solar plant is officially underway after a ground-breaking ceremony at the G11 site on Jalan Tengah, Seria. The 3.3 MWp utility-scale solar PV plant, which will see the installation of about 7,000 solar panels, is another momentous milestone for BSP as we continue on our decarbonisation and energy transition journey.

This decarbonisation journey that BSP is embarking upon is in the same spirit as to Shell's ambition around Climate Change, which is to further reduce Net Carbon Footprint and become a Net Zero Emissions Energy Company by 2050, or sooner.

Once operational, the low carbon electricity generated from the solar panels will offset some of the power used by the BSP Headquarters building on Jalan Utara in Panaga. The

solar power generated is equivalent to the electricity consumption of approximately 600 households per year. This demonstrates BSP's commitment to increase renewable energy uptake within our assets. This is in line with what is stated in the Brunei Darussalam National Climate Policy, which seeks to reduce Brunei Darussalam's GHG emissions and increase the Nation's capacity to adapt to climate impacts.

The site clearance started in March 2020 and BSP planted three trees for every tree removed. This tree-replanting activity will be conducted together with the nearby community and BSP staff.

In her remarks, Dr Ceri M. Powell, former Managing Director of BSP, stated that "It is important that as BSP continues to provide oil and gas for our customers, that we both reduce our greenhouse gas emissions and play our part in the global



- Dr Ceri M. Powell (Former BSP MD), Norhayati Merzuki, BSP Head of Onshore Projects and Constructions, and Shirley Sikun, BSP Head of Energy Transition broke the first ground at the project site



- Personnel mounting a solar panel onto the supporting structures to form a solar array

transition towards low carbon energy systems. BSP is committed to increase renewable energy uptake within our operational and non-operational assets such as our offices. This BSP Solar project is a demonstration of that commitment and continues us on the journey of energy diversification and decarbonisation."

Dr Ceri further stated that the project is not only about the asset but also about people. "To thrive through the energy transition, we need to provide Bruneians with the opportunity to expand their skillsets into Renewable Energy. I am extremely proud that the project team is predominantly local, fresh and ready to tackle the challenges involved in building and maintaining a solar plant," she continued.

Dr Ceri M. Powell, Norhayati Merzuki, BSP Head of Onshore Projects and Constructions, and Shirley Sikun, BSP Head of Energy Transition together broke the first ground at the project site. The special occasion, honouring social distancing, was also attended by project team members and Eigen Energy, BSP's appointed contractor.

The solar project, expected to be completed by early 2021, will also provide the platform for capability building for Bruneians especially in expanding their skillsets in renewable energy. As such, this is another cornerstone enabling BSP to continue fuelling Brunei's future for generations to come.



- The installed solar arrays will go through thorough physical inspections before it can be used to generate electricity



- The solar plant will generate solar power equivalent to the electricity consumption of approximately 600 houses per year



- The BSP Solar Plant when completed will comprise 7000 solar panels that will generate 3.3MWp to offset some of the power usage of the BSP Headquarters



# DELIVERING BRUNEI'S ENERGY FROM 1983 TO 2020



**T**he Brunei Shell Refinery was established in 1983, and the plant, owned by Brunei Shell Petroleum Co Sdn Bhd (BSP), was an important part of Brunei's oil and gas value chain, refining 10,000 barrels of oil in a day. The Refinery was officially launched by His Royal Highness Prince Haji Al-Muhtadee Billah Ibni His Majesty Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah, the Crown Prince and Senior Minister at the Prime Minister's Office on August 17, 1983.

In 1992, the Brunei Shell Refinery launched the Reformer plant, which paved the way for unleaded fuel in the country. Performance and the environment were the driving forces behind the introduction of unleaded gasoline. The switch to unleaded brought environmental benefits as it reduced the amount of lead content of gasoline sold in the country. The plant manufactured reformat which, at the time, meant that the country no longer imported the key component in gasoline, making Brunei self-sufficient in gasoline production for the first time.

Construction of the Refinery was completed in October 1983 and went on stream in November that year.

This year, the Refinery ceased its operations after more than 37 years of being the sole supplier of transportation fuel

in the country.

Hj Hussin bin Hj Elim, former Head of Production for Brunei Shell Refinery, was one of the first people to join the Brunei Refinery back in 1983. Prior to joining, he was sent to a refinery at Port Dickson for training. "When I joined, the line was not yet commissioned so we started the activities. We had to make sure that the different systems, utilities and the



■ Hj Hussin bin Hj Elim, Head of Operation Decommissioning and Maintenance for Brunei Shell Refinery



lines were in place,” he said. At that time, the 10,000 barrels a day made Brunei self-sufficient in regular and Super motor gasoline, domestic kerosene, aviation turbine fuel and high-speed diesel fuel. To give the public an idea, 10,000 barrels of oil can fuel 30 round trips around the world on the A320 aircraft! It can also fuel about 35,000 standard cars per day.

## WE KEEP EACH OTHER SAFE

Recognised as one of the safest and most reliable plants in the world, the Refinery began its Crude Distillation Unit operation in 1983 to produce diesel and Dual Purpose Kerosene (Domestic kerosene and Jet A-1 Aviation fuel). In terms of accolades, the Brunei Shell Refinery attained the ISO 9001 Quality Management System in April 1996. In 2000, it successfully became the first organisation in Brunei to be certified with the 14001 Environmental Management System.

The ISO 14001 accreditation was a significant achievement earned by the management and staff of the Refinery, proving that its environmental performance and management system are in line with the best practice in the industry globally.



- Him Bujang, former Brunei Shell Refinery Manager, shared that everyone’s commitment to Goal Zero contributed to keeping the Refinery safe

One of the significant highlights of the Refinery was the 25th Year Anniversary celebration in April 2009, which also marked the facility’s milestone with no “Loss Time Incident” (LTI) since it started operations. Him Bujang, former Brunei Shell Refinery Manager, shared that everyone’s commitment to

Goal Zero contributed to keeping the Refinery safe. “The strive for Goal Zero and zero leak helped to change people’s mindset and encouraged them to speak up and report issues or incidents. We also practise intervention, where we step back and pause and this was applied to the whole team including our business partners,” Him explained.

This sentiment is echoed by Khairul Azuan Khairul Nurul Arsyad, a production technician (decommissioning) who has worked at the Refinery for seven years. He shared that he had learnt a lot from his seniors which in turn had empowered him to perform the tasks at hand safely, even when there is an emergency. “Even though there are procedures in place, there will always be a time when things don’t go as planned. Therefore, the seniors also taught us to be prepared for any eventualities or emergencies. We are always reminded that if we are unsure of anything, we must always get back to the operating manual or ask. We also have a desktop review every week and we regularly review our emergency plan,” he shared.

## WE ARE A FAMILY HERE

The employees at the Brunei Shell Refinery knew for a while that the site was being decommissioned, and preparations were made to ensure that each and every employee is guaranteed a next role to progress and aspire to. There were 66 employees working at the Refinery before the plant ceased its operation. While some decided to move on to other positions, thirteen [13] of them wanted to stay with the decommissioning team. Hj Hussin was one of the employees who decided to stay. “I wanted to stay here and be part of the team which will be responsible to make the facilities ready for decommissioning. I probably won’t be there for the full demolition as I would be retiring in 2024,” he shared.

The feeling of nostalgia and sadness reigned heavy in the atmosphere as some reminisced their best memories working in the Refinery. Previously an Electrical Technician and now a Production Operator at SCOT, Nur Aziyah Walfaizah Haji Suhaili, who joined the Refinery in 2015, shared that one of her best memories was celebrating her birthday with her colleagues. “I immediately felt at home with my colleagues. The first year when I started working at the Refinery, my colleagues celebrated my birthday with me at the engineering building and this became a tradition every year! I feel at

## IN THE SPOTLIGHT

home with them and they were always there for me. Sadly, this year I celebrated my last birthday with the Refinery team at the Control Room,” Nur Aziyah said.

“I feel sad that I will not be seeing this plant anymore. It is my first workplace and I am very happy with my colleagues. We are like a family here and this is what makes it hard to leave. I wish we can stay on longer,” she continued.

## WE CONTINUE TO FUEL BRUNEI'S FUTURE

Him Bujang also shared the same sentiments of his colleagues and team. “In general, when I talk to my staff, they all said that they wish the plant could still operate for another 30 years. I told them that it is normal to feel uncomfortable moving on to new roles. But it is important for them to build their confidence and challenge themselves in order to progress up. I believe that they have the capacity and capabilities through their work experience in the Refinery to contribute in their new roles and continue fuelling Brunei's future,” he stated.

## THANK YOU, BRUNEI SHELL REFINERY!

Mahani Kamis, BSP Hydrocarbon Processing Manager, thanks the staff, past and present for their valuable contribution



■ Nur Aziyah Walfaizah Haji Suhaili, joined the Brunei Shell Refinery in 2015

in managing and operating the Refinery.

“Thank you for your dedication, passion and motivation in sustaining the Refinery business for the past years, from the beginning of its operation, to now and until the end. Thank you for ensuring energy security for the nation. Thank you for being safe and keeping each other and the plant safe. InsyaAllah, I look forward to a brighter future for all of you as you embark on this new journey and in your new roles.”

In a few years, as the Refinery will move to its demobilisation phase, the plant will be safely removed, and the ground made flat. To the future generation and community, they may not be able to see the Brunei Shell Refinery in operation but to the present and past generation, they will always remember the great memories and be thankful for the many decades that the Brunei Shell Refinery has fuelled Brunei's future.



■ Aerial view of the Brunei Shell Refinery located in Seria

# 500 METRES SAFETY ZONE

HYDROCARBON PLATFORMS AND STRUCTURES OFFSHORE

Members of the public are reminded that they are strictly prohibited from entering and approaching any structures owned by the Government or oil rigs within the Brunei waters.

In accordance with the Merchant Shipping (Safety Zones) Order, 1988, and Merchant Shipping (Safety Zones) (Amendment) Order 2013 - safety zones around offshore installation or structures, any person found contravening such prohibition shall be guilty of an offence and liable on conviction to a fine not exceeding \$100,000 and the vessel shall be liable to be detained.



500 METRES SAFETY ZONE



# BSP WELCOMES NEW MD AND SHELL COUNTRY CHAIR IN BRUNEI: AGNETE JOHNSTGAARD-LEWIS



- Agnete during an engagement with Yang Berhormat Dato Seri Setia Dr Haji Md Isham bin Haji Jaafar, Minister of Health

**A**gnete Johnstgaard-Lewis, Managing Director of Brunei Shell Petroleum Co. Sdn Bhd and Shell Country Chair, arrived in Brunei in August 2020. She officially started her position on September 1, 2020. A Norwegian national, Agnete was born and raised in Jessheim, Norway. She graduated with a M.Eng. in Chemical and Process Engineering with Distinction from the University of Surrey, UK. Agnete started as a graduate engineer in Shell's offshore division in the Netherlands in 1996. It was the start of more than 20-year career at Shell.

## A GLOBAL CAREER WITH SHELL

Prior to coming to Brunei, Agnete enjoyed a truly global career in various technical, commercial and broad leadership roles with assignments in the Netherlands, Nigeria, Norway, US and Brazil. This includes her role as the Business Improvement Manager for Shell Brazil following the Shell-BG combination, VP Digitalisation and Innovation for Shell's Global Deep Water and most recently as the Country Chair and Managing Director of Shell's business in Norway.

"I am grateful to have had the chance to move around



- With the High Commissioner of Australia to Brunei Darussalam, Her Excellency Tiffany McDonald together with Australian nationals working in BSP

and enjoyed many different experiences. I have worked from engineering to commercial and senior management, and it's a privilege to be here in Brunei now," Agnete shared.

Agnete is actually no stranger to Brunei. She was here 18 years ago to support some of the project delivery in BSP – with Champion and Egret. "Brunei is, as I remember it, such a warm and welcoming place. It's beautiful. I think the easy access to nature that you can enjoy here is exceptional. I hope to do a lot more exploring than I've had the opportunity to do so far," she said.

## BUILDING ON PEOPLE AND PERFORMANCE

Sharing her thoughts on what's in the pipeline for BSP, Agnete shares that building further on past performance of the company is especially important. This includes BSP's journey on safety, improvement, availability and Wells, Reservoir and Facilities Management (WRFM).

She reiterates on how People and Country is not only important to BSP, but it also holds a special place in her heart. Passionate about people, she is recognised for her commitment to coach and mentor female staff.

"At the heart of our company is People and this is especially

important to me. One of the things that energises me is to see how our staff develop their capabilities and how we can work and integrate better together. I find it reassuring that BSP embodies the “one team” mindset - the I AM BSP mindset,” she continued.

### **SAFETY, ENERGY TRANSITION AND DIGITALISATION**

Agnete emphasises that safety will remain our number one focus. Informed by events in her early career working offshore, she continues to be a champion of safety leadership and learner mindset. “I truly believe that if we cannot make people return from work each and every day safely, we have failed. I have experienced first-hand a very close call, so safety is very dear to my heart,” she shared. As an appointed member and chairman of the newly found Industry HSE Group, Agnete hopes to raise awareness and HSE standards across all of Brunei.

Passionate about digitalisation, Agnete was VP Deepwater Digitalisation and Innovation, leading the digital transformation of Shell’s Deepwater Business. She hopes to contribute to the growth of BSP’s digitalisation space, building people’s capability in digital and data infrastructure.

Speaking on energy transition, BSP will need to further define its role in that area as expectations are growing while the world continues to change. “Shell is already a willing and able player in the energy transition. We see commercial opportunity in participating in the global drive to provide more and cleaner energy solutions,” she said.

BSP, in support of the country’s commitment to the Paris Agreement, works actively to execute its business activities, both onshore and offshore, in an environmentally and socially responsible way. Focus on the Environment, one of six priorities in BSP’s “Fit for Future” strategy, ensures the business’ longevity while striving to reduce our carbon footprint.



■ In a group photo during a visit to Brunei Gas Carriers Sdn Bhd



■ Agnete serves as a Board Member for Politeknik Brunei as representative from the industry, providing strategic input towards building local capabilities and industry-ready workforce

### **CONTRIBUTING TO THE NATION**

Her appointment as a member of the Executive Committee for Brunei Darussalam National Council on Climate Change is aligned with BSP’s commitment to continuously contribute to Brunei’s decarbonisation journey and finding new opportunities for collaboration with the Government of Brunei. Agnete also serves as a Board Member for Politeknik Brunei as representative from the industry, providing strategic input towards building local capabilities and industry-ready workforce.

Reflecting on her time in Brunei so far, she shares that she has been spending time outside of the office and engaging with stakeholders and government officials. “It’s been a fantastic experience to meet with our stakeholders and to see how BSP can continue to support the aspirations of Wawasan Brunei 2035,” Agnete said.

She concludes with a special message to BSP colleagues, “My number one priority is Safety, we must never forget this. A company is also its people and we need to continue to build the right capability so our people can progress professionally and continue to create value to Fuel Brunei’s Future. I am super excited to be here, and I am looking forward to see what the future brings for BSP and Brunei.”

## TEENS IN AI BRUNEI: CODING YOUTH TOWARDS SMART NATION



- The winner of the pilot hackathon was Mindspace, a fully customised, AI generated solution which includes music suggestions and meditation as stress coping mechanisms for its users

BSP is currently undergoing a digital transformation journey in which key priorities are on delivering value from digital solutions and building in-house capabilities. Digitalisation brings greater efficiency and effectiveness in the workplace as we apply new ways of working in the process of developing powerful new capabilities from smarter exploration, leaner hydrocarbon development, and safer operations.

### AI FOR GOOD PILOT HACKATHON

As part of BSP's continuous effort to develop the digital skills and capabilities of our youth, the company is proud to participate in the first Teens in AI (Artificial Intelligence) in South East Asia. The objective of the programme is to provide a platform to shape skills and knowledge of teens as part of Brunei Darussalam's Industry 4.0 aspirations which envision a sustainable, collaborative start-up ecosystem that supports innovation and growth by developing and utilising digital and leadership skills in Brunei's youth.

The programme kicked off virtually in Brunei with a pilot hackathon themed AI For Good on September 12 which culminated with a 'Demo Day' on September 19, 2020. The hackathon was conducted virtually through online platforms such as Youtube, Zoom and Discord over a period of eight days.

Throughout this period, the participants, made up of



- BSP mentors Faizal Mahmud a Digitalisation & Technology Co-ordinator (1st Fr L), Amalina Harun a Social Investment Advisor (2nd Fr L) and Qamaruz Affandy (4th Fr L) an IT & Business Planner in a group photo with Demo Day Judge Sofiah Umar, BSP's Digitalisation Manager and Technology Lead (3rd Fr L)

students aged 14-16, participated in workshops and talks by industry experts online and benefitted from mentorship sessions in business, design thinking and technology. They were taught on how to code, programme and develop business ideas. Volunteers from different departments in BSP participated as mentors and expert speakers.

Sofiah Umar, BSP's Digitalisation Manager and Technology Lead was invited to be one of the panel judges and she expressed her enthusiasm in BSP's participation in Teens In AI. "Based on our experience, we've learned that





- The Minister at the Prime Minister's Office and Minister of Finance and Economy II and Chairman of DARE YB Dato Seri Setia Dr Awang Haji Mohd Amin Liew bin Abdullah (R) and Acting CEO of DARE Daniel Leong observing the youth pitching their ideas

having digital capabilities are an essential part of the digital solutions that we create. What we're also equally excited about is that the students get to learn this much earlier than us" shared Sofiah.

Some of the students shared that they gained more than just technical skills. "The mentors helped us a lot, not only in programming but also how to pitch our ideas as a team. To me, this is truly a valuable experience," said Annie Dhameerah binti Haji Anuar, a student from Pusat Tingkatan Enam Sengkurong.

### DEMO DAY

Present as the Guest of Honour was Yang Berhormat Dato Seri Setia Dr Awang Haji Mohd Amin Liew Abdullah, Minister at the Prime Minister's Office and Minister of Finance and Economy II. In his speech, the minister emphasised on the importance of digitalisation as a part of the country's preparation towards making Brunei a Smart Nation.

"One of the strategies that we look at to make this a reality is to prepare our future for Industrial Revolution 4.0, looking at the development of education programmes to equip the future with the right skills that can easily adapt to the rapid developments in technology," stated the minister.

Agnete Johnsgaard-Lewis, BSP Managing Director and Shell Country Chair, was also present during the auspicious event.

"The Industrial Revolution 4.0 has the potential to provide new and exciting opportunities for Brunei. BSP is a pioneer in innovative technologies and over the past few years, the

*"One of the strategies that we look at ... is to prepare our future for Industrial Revolution 4.0, looking at the development of education programmes to equip the future with the right skills that can easily adapt to the rapid developments in technology,"*

company has increasingly moved towards digital technology. Together with the mentors from BSP as well as other industries, we are excited to share knowledge and expertise to develop our locals' capabilities and skillsets and elevate their understanding in the problem-solving capabilities of AI," says Agnete Johnsgaard-Lewis, Managing Director of BSP

During the event, the ten teams pitched their ideas and concepts around the themes of mental health, unemployment and financial literacy. They were assessed across several metrics including innovativeness, technical complexity, social impact and commercial viability.

### TEENS IN AI BRUNEI

Teens in AI was initiated by Elena Sinel, the founder of Acorn Aspirations. Acorn Aspirations is working with a local delivery partner, InTurn Co., a startup incubatee in iCentre to run Teens in AI. The training of locals is a key purpose of the programme as it ensures the transfer of knowledge and equips them with talents and skills that can be utilised to build a future-ready workforce.



- BSP Managing Director and Shell Country Chair in Brunei Agnete Johnsgaard-Lewis (R) spectating the teams at Demo-Day

# 33 EXEMPLARY STUDENTS AWARDED BSJV SCHOLARSHIP



- The scholars posing for a group photo with the Minister of Energy, Yang Berhormat Dato Seri Setia Dr Awang Haji Mat Suny bin Haji Md Hussein

Enthusiasm towards contributing to the nation's economic growth, accompanied with a passion in one's career path, is one of the common characteristics shared amongst BSJV's scholars. And the 33 students who were awarded the prestigious Brunei Shell Joint Venture (BSJV) Scholarships this year are no different.

The three BSJV companies, Brunei Shell Petroleum Co (BSP), Brunei LNG Sdn Bhd (BLNG) and Brunei Shell Marketing (BSM) awarded the scholarships under the BSJV Scholarship Scheme. Present as the Guest of Honour was Yang Berhormat Dato Seri Setia Dr Awang Haji Mat Suny bin Haji Md Hussein, Minister of Energy.



- Hj Zainab M.A. Omar, BSP's Human Resources Director during her opening remarks

## BSP SAFETY SCHOLARSHIP



- Nur Faiza binti Sahfri, BSP's first Safety scholar studying Occupational Health and Safety Science at the University of Queensland in Australia

A special scholarship was also awarded this year, the BSP Safety Scholarship. The first of its kind for BSP, the BSP Safety Scholarship aims to produce highly skilled safety professionals and to raise the bar of safety standards amongst Bruneians.

"This is in line with the companies' (BSJV) deeply held value of safety and Goal Zero vision which is causing no harm to people and no leak from our operations", said Hj Zainab M.A. Omar, BSP's Human Resources Director.

Nur Faiza binti Sahfri is the proud recipient of the first BSP Safety Scholarship. She will study Occupational Health and Safety Science at the University of Queensland in Australia.

The BSP Safety scholar thanks her parents for their never-ending prayers, love and support. She also mentioned her former school Sekolah Menengah Sayyidina Ali for their exceptional education and guidance and also dedicated her thanks to the BSJV companies for the amazing opportunity.





▪ **Muhammad Faiq'arif bin Hj Ibrahim**  
Mechanical Engineering in  
Loughborough University, UK

## DIRECT EMPLOYMENT TO BSJV COMPANIES

People and Country are one of BSP's business priorities. Committed to fulfil the aspirations of Wawasan Brunei 2035, on top of the oil and gas that BSP produces, the company constantly strives to create additional value to benefit Bruneians and the nation as a whole. The BSJV Scholarship Scheme is part of BSP's efforts in carrying out its social and corporate responsibility to address national manpower challenges through job creations and direct employment to the BSJV companies.

Muhammad Faiq'arif bin Hj Ibrahim, one of the scholars who will study Mechanical Engineering at Loughborough University in the United Kingdom, shared that the prospect of working for the BSJV Companies is what made him choose to apply for the scholarship.

"The BSJV scholarship is one of the most prestigious scholarships in Brunei – it is highly lucrative especially for young aspiring engineers like me. Every engineer will emphasise the importance of gaining experience - learning how systems work, how they can break and how to fix it. I believe that the BSJV scholarship will provide me with incredible opportunities in the future," he continued.



▪ **Ahmad Zaki bin Zulfahri**  
Electrical and Electronics  
Engineering at UTB

Ahmad Zaki bin Zulfahri, one of BSP's scholars is currently taking Electrical and Electronics Engineering at the Universiti Teknologi Brunei. He chose this course as he has always been fascinated with engineering and in human's ability to build complex machines and systems using science and mathematics. "It has always been a dream of mine to be one of those who can build those beautiful creations" he shared.



▪ **Valerie Tan Jie Yie**  
Economics with Finance at the  
University of Edinburgh, UK

This year BSM awarded its very first scholarship under the BSJV Scholarship Scheme. Valerie Tan Jie Yie is studying Economics with Finance at the University of Edinburgh, UK. "I chose to be a BSJV scholar because I truly believe that the companies' values are in line with my personal morals. I wanted to be part of a community with like-minded people and that this scholarship would be an integral first step towards this," she shared.



▪ **Alyaa Najeebah binti Haji Abu Bakar**  
Chemical Engineering at the  
University of Nottingham, UK

Alyaa Najeebah Binti Haji Abu Bakar, BLNG Scholar, shared why she chose to study Chemical Engineering at the University of Nottingham, UK, "Chemical engineers worldwide play a significant role in overcoming problems that we faced on our daily lives and most importantly, issues from the world crises such as climate change. I am very motivated to explore more in this line of work!"

### WHAT MOTIVATES OUR BSJV SCHOLARS?



**Dk Siti Armita Thuraiya binti Pg Mohamad**

Aircraft Maintenance Engineering and Management at University of the Highlands and Islands, Scotland

"I've always wanted to be an engineer. My dad who was a senior engineer, always brought me to his work field and I was always mesmerised by all the equipment there. I went to a NASA space exhibition in 2014 and I found all the replicas and spacecrafts fascinating. I knew then that I wanted to take Physics, Chemistry and Maths for A'levels because I was already sure I wanted to pursue engineering in the aviation industry. I want to make my dad proud as he always wanted me to get a scholarship and to give back to Brunei."



**Alisha Azaria Binti Abdullah Abdul Rahman**

Mechanical Engineering at Loughborough University, UK

"My interest in this course came from my passion for Mathematics and Physics. I've always loved solving numerical problems, carrying out all sorts of practical work and learning how the things around us work. Mechanical engineers, even engineers in general, play a vital role in our world today. They have inspired me to want to make the world a better place, to improve on the machineries they invented and maybe create some of my own that can help everyone to carry out their daily tasks more efficiently."



**Sia Kok Siang**

Civil Engineering at Universiti Teknologi Brunei

"Since my childhood, I developed an interest in arts and drawings but my academic forte are Mathematics and Sciences. I felt that I would be able to express my full potential in Civil Engineering which can be considered a mixture of both drawing and engineering. I am excited at the prospect of joining BSP after my studies! I see this as a great opportunity to contribute to Brunei's economy and help further develop the country. I am also grateful to have the chance to give back to my parents and give them the opportunity to have a better life."

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*Through world-class developmental opportunities, internationally accredited competency frameworks and on-the-job training, there are plenty of opportunities for the scholars to grow and shape their careers and ultimately the future of the BSJV Companies. We wish all scholars a safe and successful time in their studies.*

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# THE SERIA ENERGY RECREATIONAL PARK: LATEST LANDMARK IN BELAIT



- The “I Love Seria” letters can be seen from a distance which attracts visitors and often used as a photo opportunity

**A**s you drive past Seria, along Jalan Tengah, you will see a prominent structure made of letters forming the phrase ‘I LOVE SERIA’. Situated in a park across the Seria Energy Lab (formerly known as the Oil and Gas Discovery Centre, OGDC), you might have also seen creative posts about it on your social media feed, where people stop and pose for a photo op with the oversized letters.

The giantlike letters structure forming ‘I LOVE SERIA’ is the latest landmark in Seria to capture the public’s interest and can be found at the newly opened Seria Energy Recreational Park, or SERP for short. SERP is a beautiful sprawling park located across Pusat Insani Seria and is a special gift to the community of Seria from Brunei Shell Petroleum Co. Sdn Bhd (BSP) to commemorate its 90th Anniversary in 2019.

## A GIFT TO THE COMMUNITY

Home to BSP for the past 90 years, Seria is synonymous with the oil and gas industry. When asked what people of Brunei usually know about Seria, you would find that the common answers usually include “the oil tanks”, “the nodding

donkeys”, “the Billionth Barrel monument” or “OGDC”.

Since 1929, BSP has continued to deliver safe production, develop major projects, exploration and technological advancements. SERP is a symbolic way to thank, celebrate and recognise Seria and the Belait community, for their



- An aerial view of SERP’s Central Plaza with the colourful BSP’s 90th Anniversary logo made into a mural

## IN THE SPOTLIGHT



- The Offshore Rig Playground's design brings strong inspiration from the offshore platforms we have scattered across Brunei's maritime territory

cooperation, energy and goodwill over years past and present. Together, hand-in-hand, they have contributed to ensure that the company safely delivers for this wonderful nation in which we live and work.

One of the special features of the park is its very own playground, located on the east side of the SERP. Resembling an oil platform, the unique playground is called the Offshore Rig Playground. It gives the children and public alike a glimpse into the basic structure of an oil platform. Boasting features such as slides, monkey bars, kinetic see-saw, fireman pole, swings, jungle gyms and many more, the playground is definitely popular among the children. Giggles and delighted screams echo in the air as children run around chasing each other around the playground, going up and down the slides with big smiles, while the parents look on lovingly. On the opposite side, the popular 'I Love Seria' sign attracts crowds of all age – most often the social media savvy visitors, enthusiastically snapping away photos to share with friends and family and on their favourite social media platform. It is a great way to boost Seria as one of the main attractions in Brunei. Already, tourists and locals from all over Brunei have made the park as part of their obligatory stop when they visit the Belait district. The structure perched on a stage proudly covered with artificial grass blends seamlessly with the luscious greenery around it. The size and spacing between the letters enable the structure to be seen clearly even from afar, even at night as the solar powered sign lights up the park.

Another attractive feature of the park is the central plaza where a gigantic mural of the 90th Anniversary logo is on the paved ground. Commemorating BSP's 90th Anniversary, the 90th Anniversary logo weaves a story about BSP's journey

over 90 years. The red thread represents BSP's continuous journey and progress from 1929 to the present day. It has elements of the Brunei Songket at each end of the thread – to illustrate that BSP is Bruneian from start to end, intrinsically woven into the community in which BSP have operated in the last 90 years.

## A BREATH OF FRESH AIR

The park is covered with greenery, lush and colourful trees and flowers, bringing serenity to an already beautiful landscape. Outlining the park is a 1km paved walkway where the public can go for a gentle walk or light jogging activity. For the more serious runners, the footpaths are also connected to the Billionth Barrel Monument (another popular landmark) via the Seria Energy Lab which totals up the distance to about 3km.

The current facilities and play areas have garnered positive feedback from the local residents and visitors alike.

"I am very excited to have this beautiful park available for my family and I and the wider community to do outdoor activities and to keep active. It has also become a go-to place



- You can't spell the words 'family' and 'Seria' without the letter 'A'



for me to spend time with my wife and my three kids,” said Pg Abdul Aziz Pg Hj Azahari, a teacher from the Sekolah Rendah Panaga. His family lives nearby, so the park is a convenient new addition to the neighbourhood. He further explained that before the opening of SERP, he frequented the X25 Recreational Park in Kuala Belait which is a distance from his home.

The park took nine (9) months to complete, and opened to the public in April this year, amidst the COVID-19 pandemic. In its early days of opening, various members of the public took to the park, appreciating the fresh air, especially after being cooped inside their houses for weeks. The parents are especially grateful to have an open and spacious park for the children to run around and play after staying in for a long time.

Khairunnisa Ani Hj Ibrahim, a parent of two children, shared that they were so excited when they get to visit SERP as it's somewhere new for them to play.

“They ask me to bring them to the park every day and I’m so happy to see them go out, move actively around and breathe some fresh air as they play at the playground. They really enjoy going down the slides!” said Khairunnisa.

## AN ENVIRONMENTALLY CONSCIOUS PARK

For the comfort of the visitors, the public may use the amenities at the Seria Energy Lab such as the toilets equipped with showers. While on the park itself, there are bins available for easy disposal of rubbish to help maintain the cleanliness of the area.

At night, lights are strategically placed around the park to ensure the safety of the visitors as they go about their activities. The lighting systems are powered by solar panels in an effort to keep the carbon footprint at a minimal. This is part of BSP’s decarbonisation and energy transition journey. Almost 200 trees and shrubs are planted at the SERP, a previously empty plot of land. This decarbonisation journey that BSP is embarking upon is in the same spirit as to Shell’s ambition around Climate Change, which is to further reduce Net Carbon Footprint and become a Net Zero Emissions Energy Company by 2050, or sooner. The newly planted greenery provides a relaxing space in the middle of Seria town, surrounded by the hustle and bustle of the oil and gas industry.

The Seria Energy Recreational Park has a great range of

amenities that truly encourage an active lifestyle for the community. With adults and kids spending an increasing number of hours in front of screens, offering families and individuals an exciting place to actively engage in sports activities and play is a really important step for building not just a happy community, but a healthy community as well.

“We feel proud with the new addition of the Seria Energy Recreational Park in Seria Town. We look forward to seeing more people visiting the park” expressed Awang Haji Sadin bin Haji Ibrahim the Acting Penghulu of Mukim Seria. “I truly hope that with the addition of this new landmark, it will help boost domestic tourism in the Belait District and provide people with more options of places to visit,” he continued.

“I would like to take this opportunity to express my gratitude towards BSP on behalf of the people of Seria. A landmark such as this would benefit us not only as a place to stay healthy but also as a place for people to come together, meet their neighbours and spend time with their family and friends,” Hj Sadin concluded as he watches his grandson go up the slide one more time.

BSP Corporate Manager Hj Mohd Jaafar Hj Awang Bakar said, “Alhamdulillah, the Seria Energy Recreational Park adds to the beauty of Seria town and it is an absolute joy to offer a beautiful space for the public to practise a healthy lifestyle. We are grateful that SERP is well received by the community in Belait and beyond. I hope that SERP will attract even more people to Seria town and will remain a hub for families to gather for recreational activities for a long time to come.” He concluded with a reminder for the public to keep the park safe and clean and to be socially responsible and practise social distancing when visiting the park.



■ The kinetic see saw is popular among all ages

# MOMENTS AT THE SERIA P





# ENERGY RECREATIONAL PARK



# COMPLETION OF IGT-2: ONE STEP CLOSER TO DELIVER BFI FIRST GAS

**B**runei Shell Petroleum Co (BSP), Brunei Fertilizer Industries (BFI) and Thyssenkrupp Industrial Solutions (tkIS) officially celebrated the mechanical completion of the Industrial Gas Terminal-2 (IGT-2) and Fiscal Metering Station (FMS-2) on August 28, 2020.

Present during the momentous celebration was Michel Maistre, BSP's Asset Director, Farida Dato Talib, former BSP Commercial Director, Mohammed S. Baderkhan, CEO of BFI and Erik van Soestbergen, Deputy Site Manager of tkIS.

The event marks a significant breakthrough for BFI and BSP, bringing BSP one step closer towards its next major milestone in delivering first gas to BFI. Once BFI is fully operational, an estimated 2.3 million cubic metres per day of natural gas from BSP's offshore fields will be processed through the IGT-2 and delivered to the BFI Plant.

"Congratulations on the safe and successful completion of the IGT-2 and FMS-2 System Tie-in work during the recent July shutdown. This great achievement was made possible through effective collaboration, multiple engagement and months of hard work. I would like to commend the integrated

effort between all parties especially through the COVID-19 period," said Farida Dato Talib, former BSP Commercial Director.

According to the CEO of BFI, Mohammed S. Baderkhan, managing the project in accordance to the highest possible safety conditions is one of the prime objectives of the project and reported that the project has thus far attained a good safety record.

"Given its nature, this project has been a challenge due to the intricacies of existing facilities, limited space and strict timeline, and it had its fair share of highs and lows. However, we should all be proud of the achievement today, thanks to the great cooperation and professionalism between all parties" said Mohammed S. Baderkhan.

To commemorate this significant achievement, the BSP project team prepared a time-lapse video presentation of the IGT-2 and FMS-2 Construction Progress. A token of appreciation was also presented to BSP, BFI and tkIS to immortalise the special occasion, followed by a Doa Kesyukuran and a site visit to the newly constructed IGT-2.



■ BSP, Brunei Fertilizer Industries (BFI) and Thyssenkrupp Industrial Solutions (tkIS) Project team members in front of the Industrial Gas Terminal-2 (IGT-2)



# APPRENTICE ENGINEERING PROGRAMME TO DEVELOP LOCAL ENGINEERS



■ BSP Asset Engineering and Project (AEP) team, PUSB and the apprentices in a group photo at the PUSB Headquarters

A meaningful collaboration between Brunei Shell Petroleum Co Sdn Bhd (BSP) and Petrokon Utama Sdn Bhd (PUSB) resulted in the Apprentice Engineering Programme (ApEP), an initiative to train and develop young engineer apprentices. These apprentices will be working under the Engineering Design Services (EDS) contract.

It was back in September 2019 that a proposal for the BSP-PUSB Apprenticeship was first proposed. David Hughes, Asset Engineering and Project Manager of BSP, expressed great interest in seeing the project come to fruition. "It's a great initiative to help develop our local graduates and provide them with the opportunity to develop their skills in the exciting energy sector. We should also recognise the challenges regarding the limited resources beyond engineering and there is a possibility to duplicate this type of program for other disciplines," stated David Hughes during the launching of the programme.

Officially launched in August 2020, the four newly recruited apprentices will have the possibility of a permanent

work contract with PUSB after one year, depending on their performance on the job. They will be under the mentorship of a dedicated supervisor and coach and will have various training programmes that have been identified to further develop their skills and capabilities.

Mr Lee Yin En, Technical Director of Petrokon Utama Sdn Bhd expressed his appreciation towards BSP for this collaboration, "It is an excellent opportunity for local graduate engineers to develop themselves through guided on-the-job training and to gain useful experience and problem solving skills in real life project environment under the BSP-EDS contract."



# RESILIENCE AND LEADERSHIP: SHELL LIVEWIRE AGROBIZ FIRST INTAKE FETED



- The students pose for a group photo with the Guest of Honour, Yang Berhormat Dato Seri Setia Awang Haji Ali bin Apong, Minister of Primary Resources and Tourism

Shell LiveWIRE Agrobiz feted a significant milestone in November 2020, as the first intake of students successfully completed the IBTE HNTec in Agrotechnology programme, specialising in Rice Industry. The students underwent practical training in planting rice for two consecutive seasons under the 15-month long programme. Brunei Shell Petroleum Co Sdn Bhd (BSP), through Shell LiveWIRE Brunei, its entrepreneurship arm and Social Investment Flagship programme, allocated funds to support the Agrobiz Padi Agropreneur scheme, with the objective to provide young, future agropreneurs with the technical knowledge in rice farming and develop agropreneurial skill. This is achieved through developing conducive infrastructure for an effective rice production training programme with support from modern and green technology on water and crop management, and guidance from experienced and

competent instructors.

The graduation ceremony, officiated by the Guest of Honour, Yang Berhormat Dato Seri Setia Awang Haji Ali Bin Apong, Minister of Primary Resources and Tourism, was held to celebrate their accomplishment and hard work. Special guests to the event include BSP Corporate Manager, Haji Jaafar bin Haji Bakar, senior government officials, teachers and parents of the students.

In her welcoming speech, Hjh Rosita Hj Hassan, Shell LiveWIRE Brunei Chairperson and Brunei Shell Petroleum In-Country Value Manager, congratulated the Agrobiz trainees as well as the instructors, parents, guardians and members of the Agrobiz steering committee who have supported the students throughout their training. She also applauded the students' enthusiasm and strive for success.

"They were already hard at work at the farm early before sunrise and were home late in the afternoon in order to obtain

the best quality harvest. This is the positive attribute of young trainees we encourage; to have not only the technical and commercial skills of agriculture, but also the resilience and leadership to move forward,” said Hjh Rosita.

Hjh Rosita also encouraged the students to diversify to other types of crops in order to further improve their skills in agriculture.

“AgroBIZ is always looking for improvements that we can implement into our learning sessions. We have started cash crop projects such as rockmelon, sweet corn and chili using a fertigation system. We hope that the experience of producing side crops, will open the minds of trainees to be able to diversify farm produce while waiting for the rice to be harvested. We have also provided exposure in post-harvest activities such as processing, packaging and even marketing, to ensure AgroBIZ products are guaranteed in terms of quality, freshness and be pesticide-free,” she added.

The trainees will move on to start their respective businesses, with several companies already established including AgroZid company and Golden Green who will start the process of planting and producing rice. Another company, Econic Farm will enter a joint venture with a local company to produce organic fertiliser. Two trainees were hired by Innovaero Company to provide drone farm services. Meanwhile, the second intake of the AgroBIZ programme, comprising of 15 students has commenced paddy planting season in November this year.

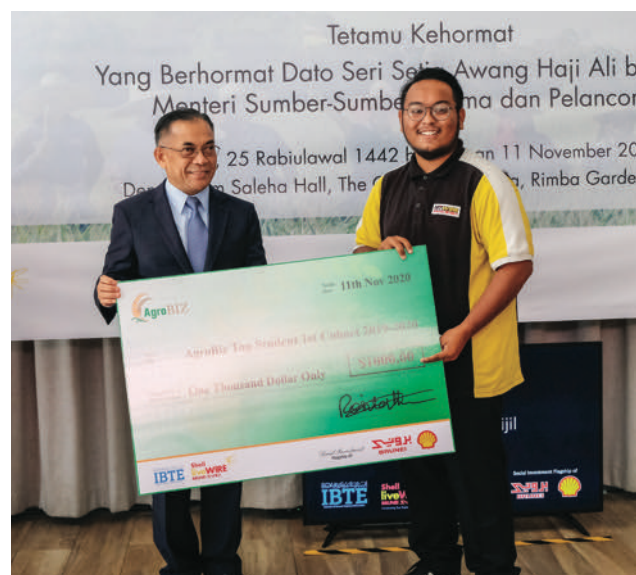
### RESEARCH IN AGROTECHNOLOGY

AgroBIZ has started collaborating with local Higher Education Institutions such as the Universiti Brunei Darussalam (UBD) and Universiti Teknologi Brunei (UTB) in research efforts related to Agro-technology. More than 10 research projects have been identified, one of which has already started, namely the Smart Watering Management system from UTB. The research project aims to solve various challenges that farmers face such as threats from infestation of pests, for example the Bena Perang and sparrow issues, and how to increase yield for 100% organic crops. The results from the research can then be utilised on a commercial scale to help the country increase its self-sufficiency in rice production.

In the future, AgroBIZ plans to obtain Good Agricultural Practice (GAP) certification for paddy production from the Department of Agriculture and Agrifood. This will ensure that best practices in paddy cultivation process can be easily



- Yang Berhormat Dato Seri Setia Awang Haji Ali Bin Apong, Minister of Primary Resources and Tourism handed over certificates to the students



- Agrobiz Top Student for the first intake Muhamad Dilla Waquiuddin bin Ahmadi

shared. AgroBIZ is also interested to achieve the standards for organic and pesticide-free rice crop. The Good Agricultural Practice (GAP) certification and having chemical-free crop will demonstrate that Agrobiz truly practise the standard in place, in line with its tagline ‘Our Commitment to People and Planet’.



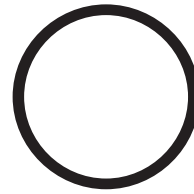
# AGROBIZ OVERCOMES AGRICULTURAL CHALLENGES WITH FAUNA AND TECHNOLOGY



- Minister of Culture, Youth and Sports, Yang Berhormat Major General (Rtd) Dato Paduka Seri Haji Aminuddin Ihsan (R) together with BSP Corporate Manager Haji Jaafar inspecting the freshly harvested rice



- Guest observing a drone in action which is used not only for farm surveillance but also to dispense organic fertilisers and microbes



pting for natural pest control methods helped increased the yield of the AgroBiz project from 8.5 metric tonnes per hectare during the first harvest to 9.6 metric tonnes per hectare, this year.

A second harvest was witnessed at the paddy field of AgroBiz, Institute of Brunei Technical Education (IBTE) Agro-Technology Campus, Kampong Wasan, on September 10, 2020.

Partaking the harvest as the Guest of Honour was the Minister of Culture, Youth and Sports, Yang Berhormat Major General (Rtd) Dato Paduka Seri Haji Aminuddin Ihsan bin Pehin Orang Kaya Saiful Mulok Dato Seri Paduka Haji Abidin.

According to BSP In-Country Value Manager and AgroBiz Project Chairperson Hajah Rosita binti Haji Hassan, the AgroBiz faced a few challenges during the planting cycle and had to resort to countermeasures to overcome those challenges.

"Since the first cycle, AgroBiz has planted thousands of flowers around the field; Tunera, Japanese rose and sunflower which act as natural predators against insects. We have introduced soil conditioning using organic fertilisers and microbes to improve soil fertility and increased farm



- Yang Berhormat Minister of Culture, Youth and Sports discussing with the students about their experience





- The joy on the students' faces as they inspect the fruition of their months of hardwork

surveillance using drones to detect areas with stunted paddy growth," shared Hajah Rosita as she affirmed that the early interventions have shown benefits with the surpassing of the Cycle 1 yield of 8.5 MT/ha with 9.6MT/ha.

Part of the AgroBiz's harvest from the first cycle were donated to underprivileged families in the country. Furthermore, the collected Zakat payment for the harvested paddy were presented together during the event by the Yang Berhormat Minister of Culture, Youth and Sports and BSP's ICV Manager to the Brunei Islamic Religious Council.

BSP through LiveWire provided the funds to support the AgroBiz Paddy Field Entrepreneur Scheme under IBTE. The AgroBiz project is supported by the Department of Agriculture and Agrifood under the Ministry of Primary Resources and Tourism, Bank Islam Brunei Darussalam (BIBD), DARE (Darussalam Enterprise), Paddyco, Progresif and Community for Brunei.



# BSP COVID CARE HEROES

When Brunei was first hit with the COVID-19 pandemic, it had brought uncertainty and unease to the nation. In just a few weeks, the everyday life in Brunei had changed, impacting education and ways of working, people's livelihoods and family celebrations and stretching the emergency services. These were truly unprecedented times that required everyone to grapple with unfamiliar challenges.

During this extraordinary period, BSP witnessed numerous heroic acts to make sure that our people remain safe, and the continuity and stability of our business and operations. Our commitment towards delivering Energy and Care for Brunei Darussalam had not wavered. BSP continues to fuel Brunei's future, while caring for its today.

In appreciation to those who have gone above and beyond in making sure we continue to deliver for the company and for Brunei Darussalam, BSP created a Special Recognition called COVID Care Heroes. The award seeks to recognise individuals or teams who have excelled during these unprecedented circumstances. Launched in July 2020, the COVID Care Heroes recognition programme is divided into three categories:

1. Care, Resilience and Compassion – It is not always about tasks and operations, but also about keeping each other connected, included, motivated and resilient. This hero category is for those who have demonstrated care to the people around them.
2. Ensuring Safety and Well-Being of Colleagues – Safety is our #1 priority and this hero category is for those who have championed this priority above all else.
3. Delivering The Business In Unprecedented Times – Our commitment is to fuel Brunei Darussalam's future and this hero category is for those who have ensured that we continue delivering in a dramatically different world.

The recognition was open to all BSP staff and contractors and winners from each category were selected by the judges. The People Choice Winners were then voted by BSP staff.



- Captain Shah Irwan bin Shawaluddin (Icon Kayra) received the award for Care, Resilience and Compassion category of the COVID Care Heroes

**CARE, RESILIENCE AND COMPASSION** – won by Captain Shah Irwan Bin Shawaluddin (Icon Kayra)

Captain Shah took it upon himself to boost the morale of his ship's crew as they spent 200 days away from their loved ones. Longer trips usually result in a drop in morale and the captain introduced the "touch the heart" programme to ensure that crew were able to voice out their concerns anonymously, and made sure that this was heard by the management. This anonymous approach provided a platform for the employees to be heard. To further boost the morale of his crew, Captain Shah went a level higher by purchasing dartboards and a PlayStation 4, all from his personal fund. Not all heroes wear capes - this hero wears a captain's hat!





- PPA Cleaning Team was awarded with the recognition for Ensuring Safety & Wellbeing of Colleagues of the COVID Care Heroes

#### **ENSURING SAFETY & WELLBEING OF COLLEAGUES** – won by PPA Cleaning Team.

The team pulled through on the preparation for 60% office occupancy ramp-up, which saw them working hard through the weekends and public holidays, even during Eid, to adhere to the COVID-19 safety guidelines. This include sanitising all the working stations, putting up informative

labels, amending office layout and placing social distancing stickers in appropriate places. The team was instrumental in making sure the offices were safe for occupancy at 60% capacity.



- IT Application Enablement Team won the Delivering The Business in Unprecedented Times category of the Covid Care Heroes

#### **DELIVERING THE BUSINESS IN UNPRECEDENTED TIMES** – won by IT Application Enablement.

As part of the measures taken by BSP to stop the spread of COVID-19, BSP staff started working from home. Therefore, it was crucial that vital IT business applications were accessible from home to keep BSP's productivity at an optimum. The IT team quickly joined efforts and engaged the business to understand and prioritise which applications are business critical. The key IT support resources, who were also working from home, adapted quickly and defined recommended architectures, assessed risks, built the infrastructure and tested the applications to ensure stability before making it available for the business. This team rose above the challenges posed by the pandemic and enabled 70 BSP applications to be

accessible from home, allowing staff and contractors to remain productive and continue to deliver the business.

BSP would like to congratulate our heroes and wishes everyone the best of luck as we continue to ensure the safety of our people and the stability of our operations. Brunei has been successful in getting the COVID-19 pandemic under control and the nation is slowly recovering with further de-escalations announced by the Government. However, COVID-19 is not over yet and our neighbouring countries and beyond are still actively fighting the pandemic. Let's not be complacent and stay diligent to the Social Distancing and Hygiene guidelines from the Ministry of Health and BSP.

# BUILDING A HOME AWAY FROM HOME



■ Pg Mohd Farisan Pg Hj Rakawi with family. He is currently on a Short-Term International Assignment (STIA) in the Netherlands

Always looking forward to contribute towards the growth of Brunei Shell Petroleum (BSP), Pg Mohd Farisan Pg Hj Rakawi took up a role for a Short Term International Assignment (STIA) in the Netherlands as a Service Assurance Manager. The decision came shortly after his wife, Nur Shahidah Hj Shahbudin began her role for a Long-Term International Assignment (LTIA) to work with the Shell Headquarters in the Hague towards the end of 2019.

Explaining his role, Pg Mohd Farisan said that it entails delivering secure, reliable and affordable IT Operations in the enterprise technology - as per the requirement of the Shell Business Stream.

Prior to the STIA, he joined BSP in May 2012 as Authorisation Control, Landscape & Change in the Technical Team before getting promoted to Senior Business Warehouse,

Landscape and Management in 2015.

As supportive spouses, they cheered each other on and went on their new journey along with their son to uncover new things on a foreign land.

"Being on STIA allows you to sense a bigger picture of how things are in Shell," he said. "Brunei is just a tiny arm of what the oil & gas industry is with regards to a world view."

The new role involves managing a number of service providers, contractors and suppliers, dealing with the service management, reviews, improvements, dealings, license management and benchmarking to market standards. This is to support pre-developmental operator platforms for development projects, enhancements and ensuring accurate customer charging.

He added that in the IT Service Operations this would mean having a holistic view and understanding of how new





services are developed, deployed and operated, with an inclusive mindset is put in place for continuous improvement.

Pg Mohd Farisan said that his colleagues perceive new incoming colleagues from overseas with similar capabilities as theirs, so his beginnings there were focused on understanding their deliverables and asking questions to better understand his line of work. He shared that his colleagues are supportive in collaborating, although he felt it daunting at first to be involved in various aspects of the work.

Apart from work, he and his family enjoyed many things in the Netherlands thus far, including cycling to work and the change of seasons, adding that after the current situation with COVID-19 goes away, he plans to carry out family activities unique to the Netherlands.

At the time being, they are enjoying each other's company as they abide by the guidelines imposed by the country in response to the COVID-19 pandemic.

However, being in the Netherlands with only his wife and son, Pg Mohd Farisan said that this unprecedented time has made them miss home even more. They face difficulties to physically return to Brunei due to the current global situation

*"Being on STIA here in the Netherlands allows you to sense a bigger picture of how things are in Shell."*

**– Pg Mohd Farisan Pg Hj Rakawi**

when they planned to return during the fasting month of Ramadan and Hari Raya Aidilfitri this year.

"I think it's only when you disconnect physically - when you're far away from family, that you tend to connect emotionally," he added. Although they regularly carry out video or voice calls through various means, he noted that it is not the same as being with them physically, especially for their son.

After completing his STIA, Pg Mohd Farisan hopes to contribute more in the ways of working along with the mindset the STIA has instilled in him.

He advises those planning to undergo a STIA or LTIA to place expectations that will set themselves up for success, and that they should always remember why they are there in the first place, which is to learn, develop and broaden perspective. They will find a need to adopt a different environment, build relationships, networks and understand the ways of working, as well as to enjoy their time during the international assignment.



■ Pg Mohd Farisan with his wife and son in traditional attire during Eid

# COMPETITIVE LOCAL BUSINESSES THROUGH ENERGY BUSINESS ACADEMY 2.0



- Hjh Rosita Hj Hassan, BSP In-Country Value Manager during her welcoming remarks

**A**s part of its continuous effort to further develop local Small and Medium Enterprises (SMEs) in the country, Brunei Shell Petroleum Co (BSP) launched the Energy Business Academy EBA 2.0 on September 30.

Present at the event were Daniel Leong, Acting CEO of Darussalam Enterprise, Hj Jaafar Hj Bakar, BSP Corporate Manager, Hj Osmera Hj Othman, BSP Head of HSE and Security, Hjh Rosita Hj Hassan, BSP In-Country Value Manager, Dr Hjh Siti Haziah Bte POKSMDSP Hj Abidin, BSP Learning and Development Manager and representatives from participating companies SPHI Marine, Esca Marine and Aziz Latif Company who have completed the EBA 2.0 pilot programme.

In her welcoming remarks, Hjh Rosita said that EBA 2.0 is part of BSP's commitment to develop and improve local business competencies, capabilities and competitiveness. This is to enable them to meet the requirements of higher value business opportunities and compete for larger, more complex



- Hjh Norain, a representative from Aziz Latif Company voicing out her experience from the pilot programme

projects in the Core Local Business Development (LBD) Quadrant.

"Whilst celebrating the success stories of our current business partners, we are mindful that there are companies which have yet to be successful. We should learn from their challenges and find ways to help increase their chances to succeed," said Hjh Rosita.

The pilot session of EBA 2.0 was launched in October last year, where three local companies were chosen to participate. The pilot-participants shared positive feedback which centred on how the sessions helped them to look at their own processes from a different perspective, with the tools and information available during the pilot.

"Each component of EBA has its own focus area. I remember the first question that we were asked, whether our company's mission and vision are up to date. It made us take a step back, to reflect on the company's current capacity and our aspiration to grow", said Hjh Norain, a representative from Aziz Latif Company, one of BSP's business partners.



The pilot EBA 2.0 helped some participants to gain clarity on their long-term goal, recognise and address gaps in their organisations, enabling them to learn new ways of running their businesses and make more strategic decisions.

"The 'Lego' blocks, the foundation from which we built the company was further strengthened through EBA 2.0 and we discovered what we lacked; what could potentially go wrong and what our key strengths are" said Malai Marshiem the Managing Director and owner of Esca Marine and Engineering Sdn Bhd.

The Operations Director of SPHI Marine Haji Mohd Hairul Azmi bin Haji Sulaiman said they were guided and coached through the process of setting their company's long-term vision and goals and developed an action plan to achieve those goals in a structured manner.

Six companies were selected as participants of the EBA 2.0 Cycle 1 to work closely with experienced coaches.

### WHAT IS THE ENERGY BUSINESS ACADEMY?

The Energy Business Academy (EBA) is part of BSP's In-Country Value (ICV) initiatives which aim to enhance competencies, competitiveness and capabilities of existing

local BSP business partners, enabling them to meet the requirements of higher value business opportunities and compete for larger, more complex projects.

BSP launched EBA in 2014 as a classroom-based training targeted at local startups and companies venturing into the oil and gas industry. The aim of the training is to increase the success rate of local start-up companies participating in BSP tender bidding. Modules include Introduction to Oil and Gas, Ethics and Compliance, Introduction to Supply Chain Management, BSJV Tender Process, HSE Management, Quality Management and Introduction to Finance. Since its inauguration, EBA has completed seven cycles and over 100 local companies have completed their programmes with 70 companies securing their first contracts with BSP.



- (Fr L to R) Haji Zulazrin bin Haji Mohidin BSP Head of Supply Chain Management, Hj Rosita Hj Hassan BSP In-Country Value Manager, Hj Jaafar Hj Bakar BSP Corporate Manager and Daniel Leong Acting CEO of Darussalam Enterprise



- Malai Marshiem the Managing Director and owner of Esca Marine and Engineering Sdn Bhd shared during his speech that aside from finding out valuable information about the oil and gas industry, they found themselves looking deep within their own company



- Hj Jaafar Hj Bakar, BSP Corporate Manager listening to a presentation on the components of the Energy Business Academy 2.0



- BSP In-Country Value Manager Hjh Rosita Hj Hassan (2nd Fr R), BSP Corporate Manager Hj Jaafar Hj Bakar (2nd Fr L), BSP Head of Supply Chain Management Haji Zulazrin bin Haji Mohidin and Acting CEO of Darussalam Enterprise Daniel Leong (1st Fr L) in a group photo with the six companies selected as participants

This year, the EBA 2.0 has transformed into a targeted development programme which focuses on BSP's business requirements and is catered to existing BSP Business Partners with work categories which fall under the Basic or Development LBD Quadrants.

### WHAT ARE THE LBD QUADRANTS?

The Basic LBD Quadrant comprises jobs for contractors who specialise in small routine services and the supply of items for general use which are readily available in local market with smaller capital and technology requirements, such as air-conditioning or estate maintenance.

Progressing into the Development LBD Quadrant requires more technical expertise and a proven track record, as these projects demand more complex services which are also resource-intensive. Contractors in the Development LBD Quadrant are also required to provide after-sales support and maintenance services such as After Market Instrumentation services or Fabrication services.

The Core LBD Quadrant comprises the supply of complex services or materials with high specifications that requires local service support involving a higher technological requirement such as Aviation Equipment and Services or Drilling Rigs and Crews. What sets the Core LBD Quadrant apart is the opportunities it offers in technological scale, the transfer of know-how and the upskilling of locals.

### WHAT IS EBA 2.0?

Carrying the goal of upgrading competencies and minimising barriers for local suppliers, EBA 2.0's mission of promoting local economic growth is in line with one of the goals of Wawasan Brunei 2035 which is to ensure that the people of Brunei Darussalam are educated, skilled and accomplished.

The EBA 2.0 will be conducted with a two-pronged approach; Delta and Elite. Delta is a common platform to provide all suppliers with requisite information whilst Elite is a face to face tailored development plan which includes coaching for the local suppliers who meet the programme criteria. The EBA 2.0 Elite is supplier-driven with support from a coach for a period of 12 months with key activities such as Supplier Assessment and Development Plan Creation and Implementation.

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*"Each component of EBA has its own focus area. I remember the first question that we were asked, whether our company's mission and vision are up to date. It made us take a step back, to reflect on the company's current capacity and our aspiration to grow"*

**- Hjh Norain, a representative from Aziz Latif Company**

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# FIT FOR FUTURE WINNERS

The Fit for Future Awards is a programme to recognise and reward teams that exemplify behaviours contributing to the successful implementation of BSP's Fit for Future strategy. This programme will help sustain the Fit for Future journey and help motivate employees to contribute to the strategy and provide a platform to visibly recognise the I AM BSP mindset.

All shortlisted nominations are assessed firstly by a panel of judges representative of each directorate and the winners will then be decided by the Leadership Team and presented quarterly.

The teams need to demonstrate commitment and delivery of Fit for Future strategy through six focus areas: Safety, Cost, Production, Hydrocarbon Maturation, People & Country and Environment. The winning team must also exemplify the I AM BSP mindset; Accountable, Focused and Collaborating and has identified specific problem and delivered the solution with measurable benefits.

## Q4 2019 WINNERS

### THE GAME-CHANGERS - B2B3 AGILE INFILL DEVELOPMENT STORY

In 2015, wireline productivity dropped to a historic low of 230 interventions in East Asset which stopped planned critical maintenance and subsurface surveillance. In May 2019, a record-breaking amount of wireline interventions have been executed in East Asset. This significant improvement in productivity is the outcome of a year-on-year productivity improvement journey (roughly +20% each year) which resulted in the execution and delivery of 410 jobs in 2018 against 230 jobs in 2015.



Team members: Lee Wen-Ren (EPE/52), Nooraini Ibrahim (AEO/21), Kam'ainun Abd Karim (AEF/12), Alan Wee (AED/312), Izziuzaini Sabtu (AEQ/22), Go Lai-Yung (SCM/42), Brian Gomez (AER/53), Nik Syahron Nizam, Nik Mohd Fauzi (HSE/612), Zaini Juna (EOP/41), Aqilah Suratno (TWE/111)

### OCP DEBOTTLENECKING TEAM

BLNG utilises three gas compressors at its Onshore Compression Plant (OCP) which receives 70% of BSP's gas production and compresses it to 51 barg to meet BLNG trains' requirements. Upon closer inspection, while reliability is reported as high at above 95%, the OCP does not seem to report a similar number in its utilisation. Through the dedicated teams at both companies, OCP3 is debottlenecked with an upgraded compressor bundle along with other non-performing parts. This has optimised capacity by 7%, gas turbine control by 2%, minimising energy waste and eliminated oil leaks. The compressor has also seen significant improvements in the lowering of its landing pressure allowing for production gains. The team will replicate this for the other gas compressors, ultimate improving efficiency of the entire plant.



Team members: Hu Xing (POP/3), Mohamad Hafiy Iskandar Mohd Thamrin (POP/32), Mahadevan Palaniappa (POP/3x), Mohamad Bakar (PCC), Azariah Rosli (BLNG-EPA/21), Abdul Aziz Ahmad (BLNG-EPC/21), Nurul Fadzillah Blajih (BLNG-ERE/I), Jupry Kamat (BLNG-OPC) AbuSophian Ismail (BLNG-PPM/I), Fauzi Mahmud (BLNG-MKP/I)

## RECOGNITION

### BILL OF MATERIAL

The Bill of Material “BOM” Program, is part of Asset Integrity Roadmap WS#8 Reliability and Resilience, and now moving to CP7 after completing successfully at SCOT, Darat, AP9, FA4, Rasau and BGO. The BOM Program has reduced the time to repair turbomachinery from 14 days to 1 day at the New Gas Compressor Plant (NGCP) which translates to millions of dollars of additional production. The program also helped to develop local competence in the OME team and improved maintenance execution in the assets. Material coordinators can quickly build the list of parts to be used for jobs and reduce time to prepare work packs from weeks to hours. The program has already delivered millions of dollars of recovered revenue in NGCP of more than 20 Mln BND (13 days of deferment improvement by repairing equipment faster).



**Team members:** Md Altermizi Md Salleh (OME/81), Teo Seng Tuan (OME/813), Hairol Fakhri bin Abu Bakar (OME/813), Erma Farhana binti Junaidi (OME/813), Nabila binti Mohamad (OME/813), Hajah Sumarny binti Saosu (OME/812), Amal binti Mohd Rashid (OME/812), Nur Miqaila binti Merzuki (OME/811), Faustino Santana (SCM/4), Shirley Go (SCM/42)

*“The Fit for Future Awards is a programme to recognise and reward teams that exemplify behaviours contributing to the successful implementation of BSP’s Fit for Future strategy. This programme will help sustain the Fit for Future journey and help motivate employees to contribute to the strategy and provide a platform to visibly recognise the I AM BSP mindset.”*

## Q1 2020 WINNERS

### MERPATI-MERAGI INTEGRATED PROJECT TEAM

A crucial part of any project is a reliable supply of energy. For the Merpati-Meragi team, this was achieved without any incremental costs whilst managing to cut approximately 10% of its OPEX. Through an intimate knowledge of contracts, deep technical understanding and strong external relationships, the team undertook nine months of negotiations, site visits and joint scenario assessments to secure support from the Department of Electrical Services and the Ministry of Energy. This allowed them to identify an underutilised Take-or-Pay clause in BSP’s existing electricity agreement with 12-14 MW of unused capacity which was used to power the Merpati-Meragi project.



**Team members:** Mariana Omar DVW, Martin Oswald CME/3 Yazmyn Hashim CMA/4, Jazilah Juffri CME/7; Bakathavachlam Gopinath AEF/51; Karen Halliday LGL/I; Toby Ten LGL/4; Ben Agaki BLNG-MKA/2; Goh, Kheng-Lee BSP-OME/4

### WORKSTREAM 9

BSP Safety Critical Equipment (SCE) management level was more than double the Shell guidance and industry practice. Over classification of SCEs commonly mean increased workload on maintenance management, increased FSR deviations and incorrect interpretation of asset integrity. SE Case Management made the initiative to connect with Major Accidents Hazards to come to the decision that only equipment that are barriers in the asset bow-tie analysis are to be classified as SCEs.



SCE group maintenance strategy and plan were updated, and this led to a reduction of SCE tags from 52% to less than 20% for New Gas Compressor Plant. Similar exercise was implemented at Darat, West and Refinery Assets after recertification of the Asset Safety Cases.

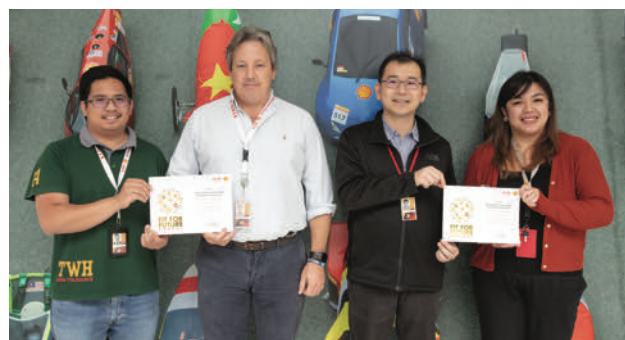


**Team members:** Muzzamil Hashmi HSE/63; Srinivasan Karunanithi HSE/631; Norind Amsyar Hafi Norariffin OME/811; Md Altermizi Md Salleh OME/81; Kahar Hassan AED/1; Valerie Fu OME/4 Sylvester Kong AED/4; Liyana Lamat OPI/17; Yin-Chong Yong BSP-CPE/5; Akram Azam AED/2

## RIG INSTALLATION FOR LOW COST DEVELOPMENT

BSP has a portfolio of marginal offshore oil and gas fields that have not been developed previously. The CD (Low Cost Development) team has worked with many stakeholders to introduce a new offshore platform installation methodology to Brunei through using Jack-Up drilling rig to install new lightweight platforms instead of mobilising a Heavy Lift Vessel.

This rig-installation methodology is a key enabler to economically develop the marginal Egret East field as LCD#1 project, which unlocked a follow up portfolio of marginal fields. The concept further enables an opportunity to maintain Marine Construction Yard continuity, provide local employment and is a key contribution to BSP growth's strategy.



**Team members:** Tan Pheng-Seng AEF/4; Guy De Boehmler TWD/4; Monty Mathew SMR/22; Oswin Thien TWD/11; Mohamad Hanafi Ishak TWH/14; Akram Azam AED/2; Mohammed Khuram SCM/34; Andy Ahmad AEO/35; Michiel Willemse AEF/43

## WEST SWA AREA 2 CWE TEAM

Recognising the challenges on bringing new gas well onstream, the West CWE Area-2 team, through structured reviews and integrated onshore-offshore collaboration, managed to successfully identify and execute two opportunities namely: AMDP17 HHP Cascade and AMDP30 rerouting. The team challenged the existing norms of waiting for pipeline repair and status quo operating philosophy and reinstated 3 long term closed-in wells on AMDP17, which was closed-in since 2017 due to PID336 red banded pipeline (HP line) by up-cascading to HHP line.

Successful & safe execution of the opportunity resulted in incremental gas production at negligible cost.



**Team members:** Pichate Rattananon WPD/1; Dk. Emma Faridah Pg.Rosli WOP/41; Pankaj Kumar WPD/13; Muhd-Harith Abdullah WOP/42; Mohammad Nazreen Hassan AED/332; Siti Nazurah Muhd Azmi WPD/1; Norhazirah Manaf WPD/13; Min Han Koh WOP/21; Syamsul Hairolrani WOP/212; Has-lani Hassan WOP/211; Bhaskar Trivedi WPE/51

# Q2 2020 WINNERS

### MAERSK CONVINCER CO2 EMISSIONS REDUCTION

Reducing our carbon footprint is an integral part of BSP's Fit for the Future journey and innovative growth agenda. The Maersk Convincer Jack Up Rig is the first rig in BSP to drive the reduction of their carbon footprint via the Energy Efficiency Operational Indicator (EEOI) project. Frequent engagement and collaboration enabled them to drive their wells Business Improvement Plan for 2020 to optimise energy consumption with reduction of unnecessary energy and optimal load usage. Not only has this reduced their CO2 emissions and fuel cost, it has also created a cleaner wells operation.



**Team members:** Pg Fadillah Pg Ahmad (TWD), Joao Queiros (TWD/1), Hamzah Rahman (TWD/12), Lee Wen Yi (TWD/123), Jaya Prakash G (TWD/132), Naim Hazman (TWD/123), Kianna Rahman (TWD/123), Syikin Johari (SCM/543), Michael Mclean (Maersk), Ricky Liew (Maersk)

### GAS-LIFT MONITORING TEAM

Gas-lift contributes to 75% of BSP's oil production. Gas-lift optimisation is a highly specialised area which involve subsurface and surface facility operations to ensure that the right amount of gas is injected at the right depth to realize the target production. By partnering with an international gas-lift technology provider, the team was able to improve the gas-lift diagnostics and performance assurance process.

Additionally, the partnership also led to the creation of a new Bruneian start-up company with 15 new jobs for local Bruneians and a Centre of Excellence to support the development of core competencies.



**Team members:** Amirul Omar (WPD/4), Chandran Peringod (EPE/4), Sami Said Salim Al Araimi (WPD), Grace Ho (SCM/23), Nadzirah Mohd Harris (SCM/25), Robert Kofman (SCM/2), Phillip Chan Yong Chun (HSE/412), Abidin Mohd Zen (HSE/23), Bernard Xian Yuen (SCM/26), Abdul Waliyuddin Yahya (WOP/41)

### BSP-UTB SAND RETENTION TEST PROJECT

Sand production and its associated deferment is a major challenge for BSP. There has been a significant increase in the use of Standalone Screens (SAS) tests in recent years because the cost to complete new infill wells with gravel pack completion has become economically challenging due to marginal volumes in brown fields. The team collaborated with the Universiti Teknologi Brunei (UTB) to establish a local sand screen testing facility. This reduced the cost of the tests by around 88% and developed local capabilities and competencies and created a niche demand in employment. The facility, which was awarded a contract in April 2020, is aiming to become a regional hub to provide sand screen testing for other companies.



**Team members:** Amal Majeedah Aji (WPD/43), Chandran Peringod (EPE/3), Norliny Talib (DVM/13), Leung Fuh Wing (SCM/522), Haziq Lim (CEA/4), Noor Afizah Abdul Motalif (SCM/52), Aidiradiman Johan (EPD), Bernard Xian Yuen (SCM/522), Mohd Shahmin Ismail (DVB/1), Aleksey Nikoulin (LGL/3)





# "I AM BSP" CHAMPIONS

**JANUARY 2020**



**Sahrudin Sahri (POP/11), Hazim Rahman (POP/112), Ali Yussop Rahman (POP/24), Md Hasrin Suhaili (POP/241), Muhammad Haziq Hj Julihi (POP/241)**

During the unexpected power outage at Seria Crude Oil Terminal (SCOT) due to loss of power from the Main Intake Station, the team's professional response prevented a major escalation of the situation. They managed the safe mustering of all personnel on site, the start-up of two portable generators to secure DCS, IPS and Fire and Gas systems for SCOT, as well as the start-up of CDU pumps to enable offshore assets to continue production and thus supply inland gas.

The team also managed to stabilise and recover power supply to the assets affected, resuming production within 4 hours of the incident. The team truly deserves to be I AM BSP Champions as they have demonstrated and proven that the 3 factors – accountable, focused and collaboration – truly contributed in SCOT's Process Safety Journey.



**Gary Toh Zen Goh (IPC/4)**

Gary collaborated with his team and started collating focused data daily on how often platforms were manned

against the plan. He felt that this would allow him to see the trends and identify improvement areas. The data highlighted the amount and factors behind successful and unsuccessful transfers per day. The data collected became a valuable source that enables both operations and maintenance teams to plan NUI (Normally Unattended Installation) platforms visits more efficiently.

Gary has demonstrated accountability through looking for new ways of working and has shown innovation through collaborating and seizing the opportunity to improve performance. These qualities make him a true 'I AM BSP' Champion.

**FEBRUARY 2020**



**Pawira Bujang (EOP/123) and Zul Fadzli Azmi (EMI/11)**

On 22nd February, tank top issues at SCOT and BLNG forced the GT5110 to shut down. This gave the team the opportunity to carry out its GT5 Unit Health Assessment (3 days Shutdown) scope a week earlier than planned. Pawira, a CRE technician and Zul Fadzli, a Graduate Development Trainee in Rotating Equipment, were the only BSP technician representatives available on-shift. Together with a team of eleven business partners, the team made sure all the activities such as permit control, health check on control valves, were on schedule.

Both individuals displayed accountability in carrying out their responsibilities, were focused in the day to day tasks and executed great teamwork by collaborating together to lead the team to finish the job. This truly makes them deserving of the golden badges.



**MARCH 2020**



**Dr Pervesh Kaur (IFM/51), Noraini Razali (IFM/5121), Mohammad Firdaus Md Yusof (IFM/512), Redzuan Abdullah Deivasagayam (IFM/55), Juliana Jusif (IFM/543)**

Early March began a challenging time period for the Panaga Health Centre (PHC) medical frontliners as Brunei started reporting COVID-19 cases. On top of managing the daily health requirements of the community, the team had to implement increased health measures to ensure that they manage any unknown risks of infection from incoming outpatients. Through collaboration across different teams and following guidelines by the World Health Organisation (WHO), Brunei's Ministry of Health and Shell Health, the team produced new standard operating procedures in a short amount of time. The team also took calls from concerned community members and staff undergoing isolation after being exposed to the virus. The dedication and hard work by our very own medical frontliners have kept us and the community safe while also attending to our medical necessities.

**APRIL 2020**



**Matius Anak Belayan (IFM/312), Malai Suriani Hj Sheikh Said (IFM/321), Nor Bakar (IFM/3232)**

During the unprecedented times of COVID-19, back-up offices and Asset Staging Accommodations for both Onshore

and Offshore crews were implemented. This required a quick turnaround to prepare and complete the renovations of Apartments 29 and F19 (Block C,D and E) within a short period of time. The three individuals stayed focused and collaborated across different teams and business partners and demonstrated accountability, good planning and organising skills which led to the successful delivery of the project. The team received appreciation from the Assets, both onshore and offshore, and positive feedback from the BSPLT and COVID-19 Taskforce. They are an example of our unsung frontliners, who truly deserve to be I AM BSP Champions.



**Husaini Yusof (HSE/414)**

To curb the spread of COVID-19, many countries have imposed travel restrictions, leaving many of our expat contractors currently stranded and under lockdown in their home country. This has caused resource constraints for BSP's operations and shortage of Permit to Work (PTW)'s supervisors.

As part of the company's Business Continuity Plan (BCP), offshore 28/28 rota was temporarily implemented. To ensure sufficient coverage during the new rota, our local workforce stepped up and upscaled to be supervisors and permit holders to fill the gaps. Husaini, an HSE advisor for OPM, utilised his valid certification as a trainer from his previous role as a Permit Vision Trainer at BAPSLH. He volunteered to conduct Permit Vision training for OAI's business partners. This involved training 27 personnel aside from other scheduled trainings, on top of his daily responsibilities. Husaini was exemplary in his commitment and focus to help the business.



## MAY 2020



**Noor Saudah Zulkfli (EPE/64), Amit Fouzdar (DVM/14), Nurhafizah Zaini (EPE/64), Norshah Zamikhan (EPE/54)**

A full-bore core acquisition is a challenging non-routine activity that is performed when drilling into a new well. The absence of specialists, skills and the right materials due to movement restrictions during the COVID-19 pandemic would mean activities such as the full-bore acquisition would be left in uncertainty with sands being unconsolidated. Amit, Saudah, Hafizah and Norshah stepped up to the challenge and took the accountability to make it a success. Usually performed by specialists, they went beyond their job scope and got training to acquire the skills, collaborated with the experts in the field and strategised for an alternative which was to acquire core plugs via rotary sidewall tool. After tackling multiple challenges whilst managing the operation, they emerged out of the challenge with their skill levels upscaled and best practices developed. This definitely benefits the broader community in BSP as teams are able to gain from their experience.



**Dorothea Wbungsu (OTE), Sandeep Anchan (PTIN-UPA/I/ST), Pg Abdul Hakeem Pg Hj Shahbirin (OTE/1)**

The OTE team faced immense challenges to their yearlong planned preparations for BSP turnaround reviews due to COVID-19. With global travel restrictions and minimisation of face to face meetings in BSP, the team had to re-think their approach on how to carry out the assurance reviews (usually executed with experts from Shell Group) which is a key requirement or enabler for any BSP turnaround. The team took accountability and arranged to conduct 12 Turnaround Assurance Reviews (TAR) virtually since March. It required huge efforts as the team had to do a total of 60 interviews, each TAR review took an average of 3-4 days of 1-3 hours interview session. The team demonstrated flexibility and resilience, paved the way for an efficient way of carrying out peer-assisted reviews in the future.



**Md Khairul Hafiz Sulaiman (DOP/1121)**

Production Operator Md Khairul Hafiz's focus on diligence and competence led him to intervene during three critical activities that may have led to unnecessary consequences. The first was during the discovery of hard wax that was causing a blockage in our pipelines at PID2282 from E10 to Saints1 SCOT. Our business partner had requested to inject additional chemicals into the pipeline to dissolve or soften the wax to solve the problem. He intervened as it was not according to the approval plan and method of statement (MOS) set out by the Darat Pipeline Engineer. His second intervention was during repair works required on Tank 210 at Production Tank TG30. Also at TG30, he intervened on the removal of a chamber equipped with a transmitter which acts as a high-level safeguarding mechanism to trigger an alarm in the event of a full tank. Removing the transmitter would lead to a potential shutdown of TG30. Md Khairul Hafiz has demonstrated courage to intervene and facilitate discussions with regards to Personal Safety and Process Safety. His contribution ensured that people, environment and asset are safe.



# WHY I AM PROUD TO WORK FOR BSP



**Ayuni Buang – TWE/14**  
**Front-End Well Engineering Team Lead**

I am a Front-End Well Engineering Team Lead in the Studies and Deepwater team. This year in September marks my fifteenth year in BSP. To me, BSP is not just an Oil and Gas Company, it is a culture and community. With over 90 years of presence in Brunei, I am proud to be part of a community that contributes to the economy and development of Brunei. BSP is well-known as a leader for its culture of safety and care for its people in BSP and Brunei. This is remarkably shown this year on how BSP has handled COVID-19 pandemic.

I am grateful that BSP has been able to provide the grounds for my career development with its diverse portfolio ranging from exploration, growth to decommissioning & restoration (D&R), not just technically but also towards my personal growth. I was privileged to be part of the team working with the Regulator to develop the Brunei D&R Guidelines and bring in new technologies to trial and implement which helps to drive cost competitiveness. I believe people is the heart of the company. I get energised when I have the opportunity to develop our people and see them grow in the organisation. Being part of the Wells Diversity and Inclusion and Mental Health Ambassadors give me the platform to support our people to deliver at their best! To fellow young Bruneians, continuously seek for opportunity to develop and grow. Do not be afraid to fail! Together we can continue to fuel Brunei's future for many more years to come.



**Hajah Noranizan Haji Antin - PPA**  
**Head of Power & Amenities**

Working with BSP for 15 years now have tremendously improved my communication, networking and leadership skills. I started with an IT background and joined BSP to do Operation and Maintenance. Personally, I have a large technical gap to close, but being able to grow with the help of experienced and supportive supervisors and peers, to me, nothing is out of reach.

I am personally proud and grateful that there are a lot of dependable and resourceful people working in BSP, especially fellow Bruneians who help one another, motivate others and lead the path to success. This is something we want to instil to our younger generation so they too can flourish in their own way to achieve Wawasan Brunei 2035.

For the young Bruneians out there and including those who are still trying to find their own path, my message to them is to always be positive, learn as much as you can from people who have been in the trade by being a good listener and try and see how you can improve the current ways of working. Also, with the new technologies emerging, there will always be new ways to solve issues and troubleshoot problems, be persistent and don't let others steer you away from what you plan to achieve.





# WHY I AM PROUD TO WORK FOR BSP



**Raini Kassim – AEO/2**  
**Champion Waterflood Project Lead**

I have been with BSP for over 33 years and in my current role for over 2 years now. I graduated from the United Kingdom under the BSP Scholarship and started my career in BSP in 1987 as a Field Engineer on the offshore crane barge Mantorek.

Since then, my professional journey has brought me into various roles which include Process Engineer, Project Engineer, Head of Technical Safety, Head of Process Engineering, Capability Coordinator, Senior Project Engineer, Head of Design Office, up to my current role as Champion Waterflood Project Lead.

I consider having delivered 2 drilling platforms namely CPDP-39 (in 1991) and CPDP-49 (in 2015) among my major career achievements. A particular highlight was my engineering lead role in the fabrication of the CPDP-49 platform in Qingdao, China under STIA while facing the challenges of working abroad and language barriers.

I am proud to work for BSP as this company has given me vast opportunities to develop myself as well as to contribute to the company business objectives in fuelling Brunei's future. BSP has a truly diverse and unique working environment, everyone should be proud to work for BSP.

For the young Bruneians in BSP and beyond, seize the opportunities available for you to develop yourself professionally and personally and have a fun and enjoyable career.



**Hj Hamidun Tamit – AEO**  
**Head Offshore Projects**

I completed my studies in the United Kingdom under the BSP scholarship and joined BSP in 1988. To me, BSP is a company with great leaders and has a clear direction and business strategy to contribute to the nation's economy.

Since the day I first started as a Graduate Field Engineer in BSP, I have been given various opportunities to develop and grow my technical and leadership skills. I am grateful to all my past and present supervisors, coaches both Bruneians and expats who have guided me thus far. As an engineer, I was trained into design engineering, construction and installation in onshore and offshore projects. I became a project engineer and later had the opportunity to lead several major projects in BSP.

One key highlight for me was to have been involved in managing an important flagship project, the 'Champion Waterflood B2, B3'. This project was one of the largest projects undertaken by BSP, where seven new offshore platforms were designed and built in Brunei. Eleven new flexible pipelines were also installed that help to safeguard high grade marine corals in the area. The project also created a spin off on socio-economic values to the local community and business.

I am passionate in coaching and developing locals and my plan is to continue to help our young Bruneian engineers to gain more experience and bridge their competency gaps in technical and leadership skills, thereby assuring excellence in project delivery. My message to younger engineers is to take up the opportunities available, be committed, stay focused and work smarter to earn whatever competencies required to perform the job safely and successfully.

