



GTA Gazette



In partnership with



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Welcome



“As well as the progress on GTA phase 1, we are also excited to share the latest on how we are working with governments and industry partners on the best way to build the foundations for a long-term, successful energy hub here in West Africa. It is certainly an exciting time here in the region”

Mohamed Limam

vice-president and head of country, Mauritania



“Since our last edition we have seen some incredible milestones here in the region, including the installation of the quarters and utilities (QU) platform at the now complete Hub site. An incredibly exciting time for bp and its partners, Kosmos, Petrosen, SMH. We hope you enjoy catching up with all the details in our first Gazette of 2023!”

Massaer Cisse

vice-president and head of country, Senegal

Greater Tortue Ahmeyim (GTA) project

GTA
highlights

87%
COMPLETE

GTA Phase 1 progress

Having reached more than 87% completion, GTA is now in its most important phase. The teams are working hard to ensure a smooth hook-up and integration, start up to bring all the pieces together into one single mega-project.



Subsea installation in progress

Wells

All 4 wells required for start-up have been drilled to total depth, completed and flowed back. The completion landing string and blow out protector are being pulled and then the rig will start demobilisation operations.

Subsea

The Subsea team ended 2022 on a high with the installation of all flexible risers and production umbilicals (120km total length). They also completed 70% of the pipeline installation (approximately 225km of 320km). The main static umbilical is almost 81km long, which makes it the longest umbilical ever installed by bp. The team's focus is now on the subsea production structure delivery and the remaining subsea campaign for 2023.



Subsea pipeline installation

Hub

The QU platform was safely delivered, installed, and has gone live which marked the completion of all the major offshore installation scope associated with the Hub. The offshore hook up has successfully commenced and is progressing to plan with almost 60% complete and all disciplines and trades now progressing offshore. The focus remains on piping and cable pulling activities with QU habitation expected in 1Q 2023.



FPSO sets sail for the Hub

FPSO

The floating production, storage and offloading (FPSO) vessel has safely completed onshore construction in December following the disruption from Typhoon Muifa which hit the COSCO shipyard in September 2022. After completing a series of successful sea trials in January the vessel has sailed away from Qidong, China to travel 12,000 nautical miles via Singapore to the maritime boarder between Senegal and Mauritania.

FLNG

The floating liquefied natural gas (FLNG) vessel is in the later stages of construction now with focus on mechanical completion of associated steam and utility systems to support commissioning ramp up. Boiler first steam milestone was successfully achieved. 20 tonnes upper flare tower, 8 tonne cranes, and thermal oxidiser stack installed- completing the multi-month major lifting campaign.



The distance the FPSO will travel to the Hub

12,000
nautical miles

Latest progress in the Hub with QU platform in place

Greater Tortue Ahmeyim (GTA) project

GTA Spotlight

Spotlight on FPSO completion

A completion celebration ceremony for GTA's FPSO took place in Qidong, China.

In September 2022, bp and its contractors Cosco and Technip Energies celebrated the completion of the FPSO vessel at a ceremony at the Cosco Qidong shipyard, in China. The construction teams and guests joined the celebrations

on-site, while others watched the event streamed live from across the world.

The GTA FPSO is a world class facility, designed to remove water, condensate and impurities from the gas. It comprises of

eight processing and production modules and can accommodate 140 people on board during normal operations.

The vessel set sail for its final home in Mauritania and Senegal in 1Q 2023.



The FPSO measures:

270 meters in length,
54 meters in width and
31.5 meters in depth.

**So, it's a 10-story building
over the size of two
football fields!**



Spotlight on QU installation

The new QU platform was safely installed in just 10 days at GTA hub terminal.

Its innovative design feature saw the QU simply lift itself out of the water using its four giant hydraulic legs, which brought a significant time saving compared to a conventional “jacket and topsides” concept which would have needed several months.

Commissioning followed an epic 11,885 nautical mile (19,300 kilometre) two-month voyage for the QU from its construction site in northeast China to the hub.

Distance QU travelled
to Hub site

19,300
Kilometres

The QU installation marks the completion of all the major offshore installations associated with the hub and it’s now over to the hook-up, commissioning and start-up teams for the rest of the project.

Celebrating this massive achievement, Rahman Rahmanov, vice-president Mauritania, Senegal and Angola, called the

QU the “nerve centre” of the hub terminal and congratulated everyone involved.

Alongside the QU, the hub terminal will host a liquefied natural gas (LNG) carrier, currently under construction in Singapore, which will cool and liquefy the gas and also allow safe offtake to LNG carriers.



Events and engagements

Sharing our **progress**

bp and partners sign exploration production sharing contract for the BirAllah gas resource in Mauritania



Mauritanian Minister of Petroleum H.E. Abdessalem Ould Mohamed Saleh and bp's senior vice-president Mauritania and Senegal Emil Ismayilov signing the agreement

A signing event, for the 30-month agreement, took place on 11 October 2022 in Nouakchott, with the Mauritanian Minister of Petroleum, Mines and Energy, H.E. Abdessalem Ould Mohamed Saleh and Emil Ismayilov, bp's senior vice-president, Mauritania and Senegal, as well M. Tourad Abdel Baghi and M.

"Our vision is to create a long-term, successful energy hub in the region. This includes exploring potential growth opportunities, such as BirAllah, that align with our strategy and purpose."

Emil Ismayilov

Todd Niebruegge from Societe Mauritanienne des Hydrocarbures (SMH) and Kosmos Energy, respectively.

It is a significant milestone, which highlights our long-term commitment in

Mauritania, and allows the teams at bp to ensure we deliver growth in the optimal way.

Thank you to the Mauritanian government and our partners for their commitment and collaboration, and all the teams involved at bp.

bp to explore Mauritania's hydrogen potential

On 8 November 2022 bp signed a memorandum of understanding (MoU) with the government of Mauritania paving the way to evaluate the technical and commercial feasibility of producing green hydrogen in the country.

The MoU was signed in a meeting alongside COP27, by President of Mauritania, His Excellency Mohamed Ould Cheikh El Ghazouani, H.E. Abdessalam Ould Mohamed Saleh, bp's chief executive officer Bernard Looney, bp's executive vice-president of gas and low carbon energy, Anja-Isabel Dotzenrath, bp's executive vice-president of production & operations Gordon Birrell and Emil Ismayilov.

Together with the Mauritanian government, we will now work to understand how green hydrogen could best be delivered, applying our technical skills and expertise to help unlock the country's clean energy potential through a data collection campaign and exploratory studies on a chosen land.

To read
more about
this article

[Click here](#)



bp's senior vice-president Mauritania and Senegal Emil Ismayilov signing the MoU

bp sponsors the MSGBC conference in Senegal

At the 2022 Mauritanides conference, bp took their place as lead sponsor at the Mauritania-Senegal-Guinea-Bissau-Conakry (MSGBC) conference in Dakar.

Gordon Birrell, delivered a keynote presentation. The key take away was the timely entry of Senegal and Mauritania as major gas and LNG producers in the context of current world events, and the significance of the basin's resource as the foundation for the region's entire energy transition.

Massaer Cisse, vice-president and head of country, Senegal took part in a keynote which showcased the incredible progress and major milestones that have been reached on GTA phase 1.

bp sponsors Mauritanides

As platinum sponsors, bp enjoyed playing a key role at the 2022 Mauritanides conference which took place between 21 and 23 November. This included the delivery of a keynote speech from Gordon Birrell, where he discussed bp's long term commitment to the region, highlighting not only the progress of GTA phase 1, but also our commitment to future growth opportunities,



Gordon Birrell
delivering the keynote speech at Mauritanides

such as exploring green hydrogen and the BirAllah gas resource.

Mohamed Limam, vice-president and head of country, Mauritania also participated in a panel discussion under the theme Mauritania as Leading Mining, Energy & Renewable Investment Frontier in Africa, during which he delivered an update on



bp exhibition stand at the MSGBC in Dakar



Gordon Birrell delivering the keynote speech

the progress we are making toward bringing the GTA's world class gas resources safely into first production.

Mohamed highlighted how bp are exploring with governments and industry partners, the best way to build the foundations for a long-term, successful energy hub in West Africa.

Thank you to everyone who visited our bp exhibition stands at both events we hope you enjoyed the GTA virtual reality experience.



2022 Mauritanides Conference

From left to right: Minister of Petroleum, Energy & Mines Mauritania, HE Abdessalam Ould Mohamed Saleh, Minister of Petroleum & Energy in Senegal, HE Aissatou Sophie Gladima, vice-president & head of country Senegal Massaer Cisse, President of Mauritania, HE Mohamed Ould Cheikh El Ghazouani, vice-president and head of country Mauritania, Mohamed Limam, executive vice-president production & operations Gordon Birell

Engagements and sponsorships

Senegal visit

Gordon Birrell, executive vice-president production & operations, visits Senegal

In September 2022, Gordon met with HE President Macky Sall, where discussions centered around the impressive progress on bringing GTA's world class gas resources safely into first production and mapping out competitive pathways for the next phase of the project. Exploring development options for a national gas to power project – Yakaar Teranga, was also on the agenda.

Whilst in Senegal, Gordon also hosted a flyover of the GTA Hub terminal, the structure at the 'heart' of the GTA project. He also toured the flotel (a vessel used as a hotel for employees working on the hub while offshore) and QU facility.



Gordon Birrell visits Senegal

A GTA project update at the UK Embassy

In October 2022 the UK Embassy hosted a GTA information and project update session inviting Ambassadors and their representatives from several countries including the EU, Italy, Poland, Austria, US, France, Germany, Canada and Japan.

bp provided an update on the GTA project and shared our approach to social investment by highlighting bp's programmes implemented in the Saint-Louis region.

bp continues to enjoy a close working relationship with the UK Embassy since its establishment in Senegal in 2017.



GTA information and project update session at the UK Embassy

Supplier Engagement Workshop in Dakar and Nouakchott

On 28 November 2022 and 19 January 2023, bp organized a Supplier Engagement Workshop in Dakar and Nouakchott respectively, making making them the second workshops in the regions over the past three years.

Over 200 suppliers attended the event in both countries, and over more 200 suppliers joined the events livestream. Participants included the General Director of Hydrocarbons at the Ministry of Petroleum, Energy and Mines and representatives from SMH and Kosmos Energy. The Supplier Engagement Workshop aimed to connect with the local supplier community to:

1. Enhance the understanding of the GTA project
2. Share GTA's Phase 1 overview and opportunities in the supply chain



Suppliers engagement workshop in Dakar

3. Explain bp's approach to local content
4. Share bp's procurement processes
5. Provide to the market with an insight of the challenges faced by the local contractors during the tendering process.

bp is committed to maximise the positive impact of local spend through its activities in Mauritania & Senegal.

The Supplier Engagement Workshops are an important pillar of our Local Content strategy.



Suppliers engagement workshop in Nouakchott

Massaer Cisse, vice-president and head of country in Senegal, speaking at a suppliers engagement workshop in Dakar



Visit bp.com/senegal or bp.com/mauritania to find out more about upcoming supply chain opportunities and how to participate in the bidding process.

Engagements and sponsorships

Engaging with
fishing communities
in Saint-Louis

On 13 and 14 December 2022, the Local Artisanal Fisheries Council (CLPA) of Saint Louis organized a forum to discuss “Issues and challenges of fishing in Saint Louis: context of gas exploitation” in collaboration with local and ministerial authorities and with the support of bp and other partners.

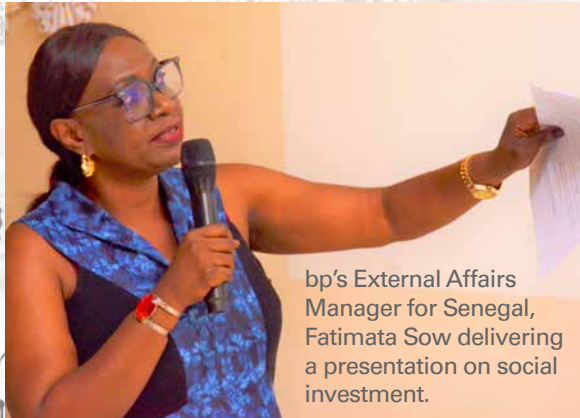


Fishing communities discussion forum in Saint-Louis



This forum aimed to engage communities and stakeholders in the sustainable management of the GTA gas project. To give participants a detailed overview of the activities included in social investment programmes, bp invited some of its partners, including Concree- ADEPA- ENDA Santé and CRODT to present the different social investment programmes delivered on behalf of bp and their partners in the Saint Louis region.

Over 150 participants took part in the event, and seized the opportunity to learn, make suggestions and express their expectations in the context of future gas exploitation.



bp's External Affairs Manager for Senegal, Fatimata Sow delivering a presentation on social investment.

During her speech, Fatimata Sow, External Affairs Manager for bp Senegal, reminded the audience of the great importance that bp places on host communities and the importance of open and transparent discussions between bp and its host communities to support safe and efficient delivery of GTA Phase 1.

“ The implementation of our multiple social investment programmes is the result of several meetings we have held with the communities in Saint-Louis and Gandiol. With the support of our partners Concree, ADEPA, ENDA and CRODT, we listened carefully to the needs of the population, their concerns and various requests. Then, together with our implementation partners, we translated these requests into concrete actions, through the implementation of social investment programmes in the Saint-Louis and Gandiol regions ”.

Fatimata Sow

External Affairs Manager, Senegal



Engagements and sponsorships

Get to Know

Meet **Aminata Ndiaye**, one of bp's community liaison officers, to hear all about her experiences working alongside the communities of St Louis, Senegal.

To read more about bp's social investment

[Click here](#)



Could you introduce yourself and tell us about your role within bp?

My name is Aminata Ndiaye, I am a Community Liaison Officer (CLO) for bp. I am based in Saint-Louis, Senegal.

In collaboration with my colleague, Alioune Dieng, I act as an interface between bp and our communities. I am responsible for ensuring good neighbourly relations and regular engagements with the various project stakeholders. I deliver updates on project activities and information on safety standards to the fishing communities.

In addition, I share information with bp on the situation in the field, ensure management of any grievances, as well as support the management of all fishing material collected around the project site.

Describe bp's relationship with its communities in Saint-Louis?

I would say that we have good overall neighbourly relations. As part of our social investment strategy, bp and its partners Kosmos Energy and Petrosen in Senegal look to improve the living conditions and resilience of local communities- supporting them in the areas of community health, economic development, education, and the environment through implementing partners such as ADEPA, ENDA Santé, RADI and CONCREE.

We work closely with the neighbourhood councils, the Local and Administrative Authorities,

and the Artisanal Fishing Council, which brings together the fishermen's colleges and associations. It also benefits from our social investment programmes and actively participate in our awareness-raising campaigns among the fishing communities.

Tell us about the different types of programmes targeting women and youth entrepreneurship?

bp and its partners place a high value on empowering and improving the quality of life for women and youth.

We created the Economic Resilience Project in 2019. It's objective is to strengthen the skills of the participants in the processing of local products, focusing on both technical and hygiene.

At the end of the training, led by the Institute of Food Technology, units for processing local products were set up. This activity is part of the Entreprenar programme, which aims to support and promote entrepreneurship, particularly among women and



young people in the Saint-Louis region.

Other training sessions have been organised and a credit fund allocated by bp and its partners for the benefit of those in the fishing industry, including women fish processors, fishmongers and micro fishmongers in Saint-Louis and Gandiol.

More than 204 women have now been trained, including 150 young women, in fish processing. This, in addition to the renovation and equipping of the meeting room for women processors at the hydrobase site, which generates significant revenues for this group.



Local content

Workforce Development

Technicians celebrate college milestone

On 5 December 2022 bp Mauritania and Senegal celebrated a major milestone during the technician's graduation event where a celebratory evening was held at the Glasgow Caledonian University to recognize the conclusion of the current phase of the technical training programme.

The technician's graduation event marked the end of the formal education for the technicians and provided a deep dive into the bp assets that have been chosen for the next stage of this talented groups journey. The event also included speeches from bp's Andy Collins, senior vice-president of production and Rebecca King, vice-president Production for Mauritania and Senegal.

Andy Collins expressed his pride in the technicians accomplishments so far and stated he was "sure there are many more ahead" he went on to say, "once deployed, the technicians' will all be supported by a world class, onshore global team".

As part of bp's commitment to local content in the region, bp is supporting 47 national apprentices on a multi-year training programme in preparation to work offshore for GTA, helping to build a strong talent pipeline, create jobs, supply chain opportunities, and benefit the local communities. Following this graduation ceremony, the technicians returned to their home locations in Senegal and Mauritania in the new year to attend a recognition ceremony with their friends and family hosted by the respective head of countries Massaer Cisse and Mohamed Lima.

Upon graduating, the technicians are being seconded to bp



bp's Andy Collins and Rebecca King



operating regions to gain hands-on experience before being deployed to work as qualified technicians on GTA project phase 1. The focus will be on operational excellence to ensure safe, compliant, and best in class project delivery.

We wish good luck to all the national apprentices!



Trainee technicians celebration

Update from INPG



The eight bp sponsored engineering students, who had recently returned from their internship training in Malaysia, have now integrated into their posts at Petrosen, National Navy, Baker Hughes, Subsea 7 and SPIE Oil & Gas Services.

In November 2022, the National Institute of Oil and Gas (INPG) also launched the third cohort of 22 students who will undergo training in oil and gas engineering, until June 2023. This will then be followed by 12-month specialised training; half spent

on theoretical work and the other half at company internship.

The programme aims to promote skills development, professional integration and access to professional qualifications.

As part of bp’s commitment to support regulator capacity development, INPG also collaborated with DEEC to host two capacity building workshops for the ESIA technical committee and bp is planning to organise three further capacity building modules sessions by the end of Q1 2023.

Update from NITC



In September 2022, staff from bp’s health implementation partner provided industrial hygiene training to government officials and industry stakeholders at the NITC training centre in Nouakchott.

This was an interactive session that covered global trends in worker health protection and how industrial hygiene fits into the UN and bp sustainability goals.

There was also a demonstration of the industrial hygiene emergency response air monitoring equipment.

Launch of bp’s Secondment program

Supporting secondments is an important part of our GTA Phase 1 local workforce development commitment. During the secondments, participants will be immersed in bp culture as well as having the opportunity to grow and apply their technical skills.

bp is supporting

47

apprentices

8 National Oil Company Secondments:

<p>1</p> <p>One</p> <p>6-month secondment from Petrosen to the bp UK, supporting the Production Operations team</p>	<p>2</p> <p>Two</p> <p>12-month secondments from Petrosen to the bp Mauritania supporting the Project Subsea team</p>	<p>1</p> <p>One</p> <p>secondment from Petrosen to Kosmos US</p>	<p>2</p> <p>Two</p> <p>6-month SMH secondments to the UK, supporting Geoscience and Production Operations team</p>	<p>2</p> <p>Two</p> <p>12-month SMH secondments to bp Senegal supporting Project Hook Up and Commissioning team</p>
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Local content

Social investment update from Mauritania

Increase in students' enrollment rate in Ndiago elementary schools

bp and partners have invested in social investment programs that aim to enhance the quality of life in the communities where we operate, and education is one of the main focus areas.

The objective of the education program is to help improve access and quality of education in primary schools in Ndiago. This has been done through providing teacher training, distributing school kits to children, providing tutoring to 6th grade students ahead of final exams, enhancing school infrastructure and tutoring students in need of extra help in Math, Arabic and French.



The program also provides vocational training to the youth who have dropped out of schools to help them develop skills to be able to work to generate an income.

"We noticed an increase in enrolment rate of students in general, girls in particular, this year, compared to last year"

Djibi Sy, education program project manager

"We appreciate the mobile education program, which goes around elementary schools in remote areas twice a week to provide tutoring courses for children in Arabic and French"

Dah ould Bidiel, PTA member



Images: El Ghahra – Ndiago Elementary School

Local content

Social investment update from Senegal

Economic development activities in Saint-Louis

In August, bp, in collaboration with the West African Association for the Development of Artisanal Fisheries, organised a three-day training course.

28 participants attended from the Local Artisanal Fisheries Committees of Saint Louis and Gandiol, the Oceanographic Research Centre of Dakar-Thiaroye and the Senegalese Institute for Agricultural Research.

The objective of the workshop was to contribute to the institutional and organisational capacity of artisanal fisheries professionals, in order to improve the internal governance of their organisations and promote collaboration.



Training course for Artisanal Fisheries

As part of the session the participants simulated the creation of a professional fishing organisation, including its function and status, as well as the roles of the different members.

This workshop is part of our social investment strategy which aims to support the improvement of living conditions of the artisanal fishing communities in Saint Louis, Senegal.

GTA Gazette

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