

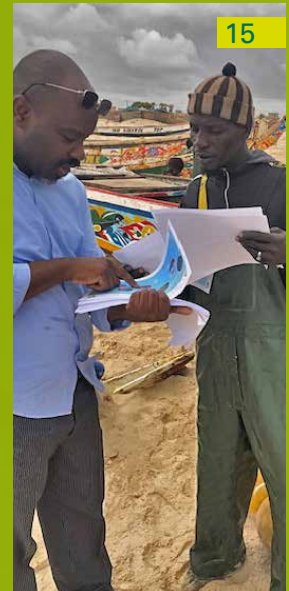


GTA Gazette

In partnership with



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Welcome



“As the GTA phase 1 project moves closer to completion, it’s amazing to see how our shared commitment and dedication have come to life on this journey. So, go ahead and read on – we’ll be sharing some awesome project milestones, regional highlights, and even spotlighting some of our amazing local talent. Enjoy!”

Mohamed Limam

vice-president and head of country, Mauritania



“We’re excited to share this edition of the Gazette with you all. It showcases all the amazing progress we’ve made over the past year on our incredible project. We’re close to having all elements of the GTA project come together, and we can’t wait to celebrate our accomplishments and take on even more exciting opportunities as we work towards a safe start-up.”

Massaer Cisse

vice-president and head of country, Senegal

Greater Tortue Ahmeyim (GTA) project

GTA highlights

GTA Phase 1 progress

All of the key aspects of the GTA Phase 1 project are now in West Africa, and we're making great progress. As of the end January 2024 we're 91% complete, which is a great achievement as we move towards start-up. Check out the next few pages to see all the recent major milestones we've hit.

Hub handover

In August 2023, the Hub Terminal reached a major milestone as it was handed over from the project team to the production team. The journey began in early 2020 with dredging, seabed rock installation, and caisson fabrication. By 2022, all 21 caissons were installed, and the living quarters and utilities platform arrived. In 2023, the Hub was ready for the floating LNG (FLNG) facility and production to begin.

The Hub is a core component of the GTA development, protecting the floating LNG facility, offloading LNG to carriers, and housing 216 workers. Constructing this unique facility took immense effort, with over 1800 people from 64 countries dedicating 2.2 million hours to its completion, prioritizing safety throughout.

GTA Phase 1

91%

complete



Connecting it all together

In February, Allseas safely completed the project's pipelay workscope. This is a major project milestone, achieved a mere 7 months from Allseas first engagement on the project.



Over the course of roughly 88 days offshore, Allseas utilised the Pioneer Spirit (largest construction vessel in the world) to install approximately 75km of pipelines comprising two 16-inch lines and four 10-inch lines, with flowline termination assemblies (FTAs), in water depths between 1,500 and 2,850m.

The 10" lines are up to 2,000m long but installed in the deepest water depths, meaning that an innovative installation technique was required to install the pipelines on the seabed and then re-lift the complete line to weld the FTAs on either end.

Installing approximately

75km
of pipeline



Greater Tortue Ahmeyim (GTA) project

GTA spotlight

FLNG arrives at the GTA project

In February 2024, the GTA project reached a major milestone as the floating liquefied natural gas (FLNG) vessel, Gimi, arrived into the region.

Central to the GTA Phase 1 development, it is planned to produce approximately 2.3 million tonnes of LNG annually for 20 years, helping Mauritania and Senegal become LNG producers.

GTA will be operated by bp with partners, Kosmos Energy, PETROSEN and SMH.

Annual LNG production

2.3m
tonnes



Achieving this milestone took over 36 million hours of construction and a voyage of 9000 nautical miles to site. The project will produce gas from deep-water reservoirs 120km offshore, processing it on the FPSO vessel, and piping it to the GTA Hub for cryogenic cooling, storage, and transfer to LNG carriers. Gimi can hold up to 125,000m³ of LNG.

Gimi, owned and operated by Golar LNG, is the first of its kind in bp's global portfolio and is among only a few FLNGs deployed worldwide.



The Hub with FLNG moored

FLNG construction took over

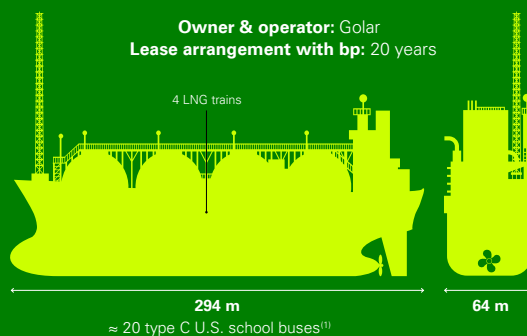
36m
work hours



The FLNG en route to the Hub

Gimi, the FLNG vessel

Owner & operator: Golar
Lease arrangement with bp: 20 years



The FLNG facility is designed to provide

2.3
million tonnes
of LNG per annum



Enough to fill the Empire State Building in New York approximately 5 times⁽²⁾

The FLNG facility will be able to store up to

125
thousand m³



Enough to fill approximately 80 Airbus A380, the largest commercial airplane in use⁽³⁾

The FLNG facility will cool the gas to

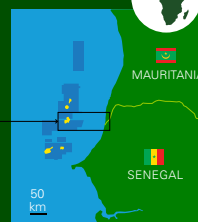
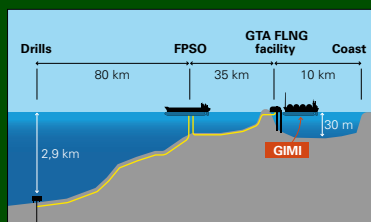
-162°C

The gas liquefies, reducing its volume by 600 times



Earth's diameter is 12,756 km, but if compressed 600 times, it would be only 21 km⁽⁴⁾

The GTA field



The expected LNG production cycle for the GTA is

20
years

1. Large School Bus Design Vehicle Dimensions, J. L. Gattis and Micheal D. Howard:
https://rosap.nsl.bts.gov/view/dot/14445/dot_14445_DS1.pdf

2. Empire State Building Fact Sheet:
https://www.esbnyc.com/sites/default/files/esb_fact_sheet_4_9_14_4.pdf

3. Airbus A380 Facts and Figures:
https://www.airbus.com/sites/g/files/jcbta136/files/2021-12/EN-Airbus-A380-Facts-and-Figures-December-2021_0.pdf

4. NASA Moon & Earth fact sheet:
<https://nssdc.gsfc.nasa.gov/planetary/factsheet/moonfact.html>

Sponsorships

Development opportunities in West Africa

Invest in Senegal forum 2023

bp takes centre stage in Senegal's economic renaissance

In July 2023, we sponsored and participated in the inaugural Invest in Senegal Forum at the CICAD Conference Centre in Dakar, Senegal. Hosted by the National Agency for the Promotion of Investments and Major Works (APIX-S.A) and under President Macky Sall's patronage, the event aimed to promote Senegal as an emerging economy and unlock private sector opportunities.

It was Senegal's first investment forum, showcasing investment opportunities, fostering global partnerships, and encouraging economic integration. With a focus on projects, finance, and collaboration, it attracted participants from Africa and around the world.

Gordon Birrell, bp executive vice president (EVP) production & operations, took part in a panel



discussion demonstrating how serious we are about engaging in meaningful dialogues and collaborative efforts with key stakeholders in Senegal's economic development.

The Invest in Senegal Forum 2023 marked a significant milestone for Senegal and bp's attendance demonstrated our commitment to Senegal's economic growth. As a sponsor and active participant, we continue to support the country and the rest of Africa through collaboration, innovation, and sustainable development.



President of Senegal Macky Sall on stage (centre) with bp EVP Gordon Birrell and other speakers

Biodiversity conference

bp sponsors biodiversity conference in Mauritania

In January 2024, we sponsored a conference on marine and coastal biodiversity management in Mauritania, aimed at raising awareness among stakeholders about resource management issues and advocating for a consultative governance approach to marine resources.

Organized by Banc d'Arguin Coastal and Marine Biodiversity (BACoMaB), in collaboration with the Regional Partnership

for Conservation of the Coastal and Marine Area, it was chaired by the Minister of Environment, Her Excellency Lalya Ali Kamra. It was attended by Mohamed Limam, vice president and head of country, bp Mauritania, Rebecca Middleton, bp senior environment, social, and HSE compliance advisor, as well as other ministers, ambassadors, and public and private sector representatives.



Rebecca Middleton bp, and attendees

During her opening remarks, Rebecca Middleton bp senior environment advisor, emphasized our commitment to preserving Mauritania's ecosystems and supporting joint efforts. The conference was an excellent opportunity to share insights and collaborate.

MSGBC

bp's platinum sponsorship of MSGBC Oil, Gas & Power Conference & Exhibition in Mauritania

We made a big splash at the MSGBC conference, which took place in Mauritania for the first time on November 21 and 22, 2023.

MSGBC is a key strategic event for bp because it brings together leaders from the oil and gas industry, government officials, and policymakers. We were a platinum sponsor, highlighting our commitment to West Africa's energy transition and the industry's growth.

Gordon Birrell, bp EVP production & operation, gave a keynote speech emphasizing the Greater Tortue Ahmeyim (GTA) project's significance calling it "a greater project in every way...greater scale. greater complexity. And greater significance for Mauritania and Senegal... for bp...and for the world."

Our exhibition stand facilitated networking, showcased our dedication to local content and sustainability, and offered a virtual reality simulation of the GTA project.



bp M&S SVP Emil Ismayilov, EVP Gordon Birrell and team at the bp stand



Left to right: Gordon Birrell EVP bp, Nani Ould Chrouqa Minister of Petroleum Mauritania, Mohamed Limam head of country Mauritania bp, Mohamed Ould Ghazouani President of Mauritania, Massaer Cisse head of country Senegal bp



GTA presentation at MSGBC conference

SIEPA

bp sponsors and participates in the International Conference on Energy and Oil in Africa

In January 2024, bp sponsored the 21st SIEPA conference in Dakar, Senegal, collaborating with the Ministry of Oil and Energy and the Association Sénégalaise pour le Développement de l'Énergie en Afrique (ASDEA).

The event attracted 300 professionals, including



SIEPA attendees

representatives from various energy sectors and the Senegalese government.

With the theme, 'What solutions can African countries offer to meet the challenges of the energy transition and widespread access

to electricity?', discussions focused on Africa's energy transition, local content, and hydrocarbon sector governance, among other topics. Massaer Cissé, bp's vice president and head of country for bp Senegal, participated in a roundtable discussion and provided updates on the GTA project.



Massaer Cisse speaking at SIEPA

Events and engagements

Building *stronger* partnerships

bp hosts MBBC

The Mauritania British Business Council (MBBC) was established in 2017 to foster trade opportunities between Mauritania and the UK.

In September 2023, bp was pleased to host the council at our head office in London, discussing our support for Mauritania's economic growth and development, as well as our commitment to a lasting partnership with the country.

bp's vice president projects Mauritania and Senegal, Rahman Rahmanov, provided an update on GTA progress, facilitating an engaging dialogue with the council.



Rahman Rahmanov VP bp

CLE workshop

Empowering local livelihoods in Mauritania and Senegal

In September 2023, we held two Community Livelihood Enhancement (CLE) workshops in Nouakchott, Mauritania, and Saint-Louis, Senegal.



Community consultation on establishment of CDC in Ndiago

This initiative, supported by partners and community stakeholders, empowers communities to make informed choices about social investment projects. The workshops showcased our dedication to supporting a sustainable future for local communities, addressing concerns, sharing our vision, and strengthening partnerships.

We discussed establishing a Community Development



Fatimata Sow bp external affairs manager Senegal and INCAS representative Samba Yade updating media

Committee (CDC) for managing the CLE programme. Everyone who came expressed their commitment to working together to ensure the initiative is a success.

We are committed to working closely with community representatives, supporting education, economic growth, environmental sustainability, and health initiatives, believing that access to finance and training can significantly impact sustainable local livelihoods.



Participants and bp staff

Civil society forum

bp strengthens dialogue with civil society on the GTA project in Senegal

In September 2023, bp hosted two civil society forums in Saint-Louis and Dakar, facilitating open discussions about the GTA project with national civil society representatives.

At the forums, we tackled a range of important topics, including local content, supply chain, workforce development, social investment, and the environment.

These forums demonstrate our commitment to involving



Attendees



Massaer Cisse head of country Senegal bp

civil society in decision-making, addressing local stakeholder concerns, and valuing transparency and accountability in our work in Senegal.

As a founding member of the Extractive Industries Transparency Initiative (EITI) and an active member of Senegal's National EITI Committee Multi-Stakeholder Group (MSG), we continue to promote transparency and accountability in the sector.

Ethics and Compliance supplier forum

Ethics and compliance workshops for bp suppliers in Mauritania and Senegal.

In November 2023, we held several workshops in Dakar and Nouakchott to engage local suppliers in our local content strategy.



Participants and bp staff

These workshops brought together local suppliers, stakeholders, and our team to discuss ethics, compliance, and

the bp code of conduct. The interactive sessions led to very productive dialogues.

As we and our partners work hard to safely start up the GTA project, it's critical that everyone is aligned about how we do business and our focus on safe, ethical, and compliant operations.

Our sustainability goals include developing a sustainable supply chain by building relationships with suppliers committed to implementing sustainable practices and adhering to our code of conduct.

Women in Energy

Empowering Women in Energy in Senegal

The Women in Energy conference was a bp initiative held in Dakar, Senegal, in November 2023, that aimed to promote inclusivity and diversity in the energy sector.

The first-ever conference provided a platform for women in the industry to network, grow their future careers, and learn from each other, with 98 attendees, including students from Mariama Ba and Kenedy Girls' High Schools.



bp VP Rebecca King and bp women

Experts from leading organizations like Kosmos Energy, Woodside Energy, Petrosen, SAR, bp's Technician Apprentice, KPMG, and INPG participated in panel discussions. The conference addressed some of the challenges women face in the sector and fostered inclusive dialogue.

The impact of this initiative is expected to extend beyond the conference, and the Mauritania edition of the event took place in Nouakchott in March 2024.



Keynote speaker Rebecca King VP bp

Local content

Sokhna Ndiaye

A day in the life

Driving excellence as an in-country operations specialist

Located in the bustling city of Dakar, our in-country operations specialist, Sokhna Ndiaye, is making a significant impact within our production organization by tackling challenges and capitalizing on opportunities in the Mauritania and Senegal region. In a recent interview, Sokhna provided insights into her role and spoke about her dedication to driving operational success in this unique region.



What was your motivation to work at bp?

I have worked in the energy sector since graduating from university. I knew that joining bp would offer me the chance to grow in a dynamic, forward-thinking environment and to play a crucial role in shaping my home country's new energy landscape.

How would you explain your role and key accountabilities?

As an operations specialist, my primary role is to support the resolution of operational challenges encountered during production activities.

I also manage suppliers, identifying contractors' scope of work optimizations and efficiency improvements. We focus on the development of potential and existing suppliers and establish contracts with local companies, enabling them to meet the high standards required by a global business like ours.

How does your role fit in with the Mauritania and Senegal region and the GTA project?

An in-country operations specialist is a functional role designed to support efficient project delivery at the Greater Torture Ahmeyim (GTA) project. We integrate production teams across various activities, ensuring everyone is aligned and working towards the same goal.



bp teams at a female-run cereals transformation facility

What is one area that you need to creatively tackle in your day-to-day work?

Given that our region is relatively new to offshore operations, it's essential to consider how we develop a broad range of expertise. This approach not only supports the capacity building and development of local suppliers but also presents collaborative opportunities arising from the project.

How do you collaborate with other teams to ensure smooth operations?

We hold regular cross-functional meetings, both locally and globally, to share relevant

information and align our goals. These meetings allow us to identify bottlenecks in activities and propose solutions to overcome them.



Visting a scientific laboratory

How do you measure the success of projects you are working on?

Continuous improvement is our primary performance indicator, so success for us is defined by other operational functions achieving their targeted objectives with minimal constraints.



Local content

Workforce development

Celebrating our people!

We welcome HSE&C site advisor, Mohamed Abdallahi Abdullahi, back to the Mauritania and Senegal offshore team after completing his Azerbaijan, Georgia, and Turkey region secondment.

Mohamed first joined bp five years ago, working in the Nouakchott office and shorebase to implement safety activities and programmes.

Over the past 16 months, Mohamed has worked at various bp operated sites in Azerbaijan to complete his training. We are proud to announce that he has become the first Mauritanian national in our offshore production workforce. Congratulations and welcome back, Mohamed!



Mohamed at the Hub

Tallow Chandler Award winner - apprentice technician Moustapha Diop



Left to right: Julian Hill Master Tallow Chandler, Mrs Felicity Lyons Lady Mayoress, Moustapha Diop, Aleida Rios bp SVP engineering, Fuzzy Bitar bp SVP health safety environment and carbon

A number of the GTA project apprentice technicians are in the final phase of their development programme, gaining practical experience at various bp global operation sites to prepare them for their future roles.

Moustapha Diop is one of those apprentices, participating in on-the-job training with our operations team in Trinidad. Hailing from Senegal, Moustapha has been making a name for himself as a high achiever, and

his commitment to excellence was recently recognized through the Tallow Chandler Award. This award is especially noteworthy

Moustapha shared:

“My motivation comes from my focus on continuously building my personal and professional knowledge.”

as it recognizes educational and vocational excellence among young engineers.

The award process included a rigorous interview, where he was assessed on his job knowledge, understanding of our strategy, and his achievements and contributions beyond his daily responsibilities.

While highlighting the resources and support provided by bp to foster his growth, Moustapha also emphasized the importance of taking personal responsibility and applying determination and hard work.

His success demonstrates our commitment to nurturing talent, and we look forward to watching Moustapha and other apprentices progress in their careers.

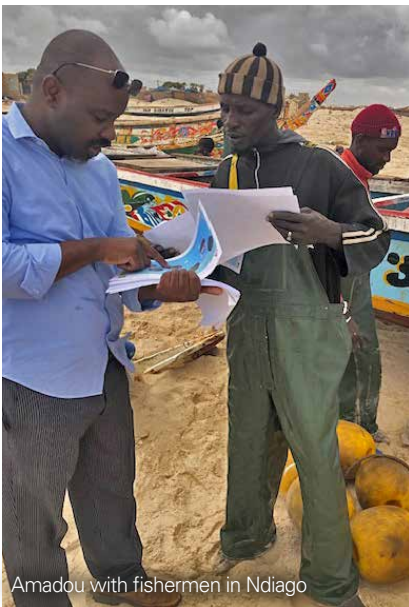


Moustapha with his award

Get to know - Amadou Diallo, senior community liaison officer

Tell us about your role?

I'm the senior community liaison officer (CLO) based in Mauritania. My main responsibility is to oversee the CLO team and fishing liaison officers (FLOs) working on the GTA project. I lead and coach the CLOs and FLOs



Amadou with fishermen in Ndiago

Our primary focus is to share information regarding local initiatives and community development programmes initiated by bp, such as economic development, employment, and health programmes. These programmes aim to enhance the quality of life within the communities in which we operate. Additionally, we ensure local communities are actively involved in decision-making processes and that their concerns are considered in our operational planning.



to be effective communicators and mediators between our organization and the local communities. Together, we work towards achieving objectives that align with bp's goals and the needs of the local community.



CLO Sidi Mohamed, right Amadou

What is the most important aspect of your role?

Serving as a bridge between our organization and the local community is essential. We foster mutual understanding, address challenges constructively, and contribute to the community's sustainable development.

This is achieved through building strong, long-term relationships, earning stakeholders' trust, and demonstrating our commitment to the well-being of the local community.

Effective communications plays a crucial role in this process, as we must clearly explain our



Delivering a focus group with community leaders

activities and address community concerns. In challenging situations, we employ effective mediation skills and attentive listening to gather stakeholder feedback and convey it meaningfully.

How do you encourage the local communities you work with, to collaborate with bp?

Encouraging local communities to collaborate with an offshore gas production company like ours requires transparency, trust, and the creation of mutual benefits.

We ensure clear and transparent communication, making information about our activities, plans, and potential impacts easily understandable.

This is supported by robust community development programmes that deliver tangible benefits to local communities and respond to their needs.

Local content

Workforce development

Fishing liaison officers in action

Fishing liaison officers (FLOs) play a vital role in ensuring safe and harmonious coexistence between local fishing communities and the GTA project offshore operations.

Since joining our team in 2023, they've maintained positive communication with fishermen in Saint-Louis, Senegal, and Ndiago, Mauritania.



Senegalese and Mauritanian FLOs

FLOs collaborate with fishermen organizations and our project's operating vessels, establishing open communication, listening to their concerns, and working together to find mutually beneficial solutions.



Senegalese FLOs Amadou Ndiaye, Saloum Fall and Assane Niang.



Senegalese FLOs Amadou Ndiaye, Saloum Fall, Assane Niang, and Mauritanian FLOs Ibrahima Sall and Hacen Meissara.



Babacar Diop Mauritanian FLO



Hassen Meissara Mauritanian FLO



Ibrahima Sall – Mauritanian FLO



Kara Diallo Mauritanian FLO

INPG/bp – a story of highlights



The National Institute of Oil and Gas (INPG) was established by the State of Senegal

in 2017, following significant oil and gas discoveries between 2014 and 2016. INPG's mission is to develop and promote the employment of skilled Senegalese professionals in the oil and gas sector.



Drilling experts (2nd cohort of the Master's in Petroleum and Gas Engineering) in action on their OJT in Malaysia at the INSTEP facilities

Its focus is on ensuring a highly qualified workforce that can take on the challenges and opportunities arising from the growth of the local energy industry. bp is fully committed to supporting people's development in this field.

In close collaboration with government, academia, and industry representatives, we have supported the establishment of INPG. Since 2018, our partnership with INPG has helped develop the next generation of industry leaders and advance human capital through various initiatives. Some key highlights of our partnership include:

Masters in Petroleum and Gas Engineering: We provide support for students pursuing advanced education in the energy industry, with 65 young engineers having completed the programme so far.

Internship and training

opportunities: We offer on-the-job training opportunities that bridge the gap between academic learning and industry requirements, sponsoring three students for a six-month programme.

Career development and

mentorship programmes: We offer guidance to students as they navigate their way toward a career in the energy industry.

GTA project apprentice

technician training programme:

INPG has played a crucial role in this programme, providing in-country technical training which includes modules on introduction to oil and gas, maths, and HSSE. Students then head to Glasgow, Scotland, for further globally recognized accredited training, so that they can then take on apprentice roles at bp locations around the world. The aim is that after the training programme, they will become future GTA project operators.

Training development:

We have developed a skilled pool of trainers capable of transferring essential skills and knowledge to the workforce. This includes the apprentice technicians' programme, made possible by



INPG students on a geological field trip exploring the outcrops at the sites of Popenguine (Cap de Naze) and Yène (Cap Rouge) in conjunction with their Geosciences Module

our training of an INPG instructor who successfully supervised the technicians trained at the INPG campus.

Expert-led workshops and

seminars: We regularly contribute to INPG's academic programmes, enriching students' learning experiences with real-world insights.

Technology and infrastructure

enhancement: We support the acquisition of cutting-edge technologies, enabling INPG initiatives to meet industry standards.

Through our collaboration, we are proud to contribute to the development of programmes and resources, which in turn will enable the development of a highly skilled local workforce for the future of the energy industry.



The full-scale simulator. It meets and exceeds training and accreditation standards for drilling and well control in the oil and gas industry.

Local content

Social investment update from Mauritania

We recently partnered with the NGO ECODEV on a marine safety training programme, delivered in August and September 2023.

The programme reinforced our commitment to community engagement and support for local stakeholders.

Marine safety equipment was distributed again in February 2024

We held ten three-day sessions with hands-on exercises at sea for 225 local fishermen in Ndiago, Legweishish, Molli, Nouakchott, PK28, and PK144, aimed at improving marine safety practices by empowering them to handle emergencies effectively.



The programme covered rescue techniques, first aid, and CPR. We selected 25 participants for further training to become trainers, ensuring further knowledge dissemination among other fishermen in the region. We also provided safety kits with GPS navigation, safety jackets, and fishing tarpaulins, emphasizing our commitment to providing the resources necessary for programme participants to be able to put the training into practice.

Laptop donation to Ecole Polytechnique de Nouakchott

As part of bp's agreement in the MoU signed on 8 November 2022, and our commitment to sponsor the social investment initiative for Green Hydrogen Project Nassim, bp donated 100 laptops to Ecole Polytechnique de Nouakchott (ESP).

Recognizing the importance of education in shaping the future and empowering communities, this donation symbolizes bp's commitment to supporting social development in Mauritania.

The official handover ceremony was held on Monday 26 of February and was led by director of



ESP, Colonel Mohamed Mohamed Mahmoud and vice president Mauritania Mohamed Limam.

Local content

Social investment update from Senegal

We distributed school kits in November 2023 to students in the municipalities of Saint-Louis and Gandiol.

A total of 800 and 200 students, respectively, received kits containing school bags, water bottles, notebooks, pens, pencils, and geometric kits.

Additionally, the Social Action Department and Municipal Youth Council each received 100 kits, benefiting from this initiative aimed at supporting students in their educational journey.

We prioritized addressing vulnerability when selecting recipients, ensuring that the most disadvantaged children were chosen for this support. This is part of our commitment to the growth and development of the communities we work with, and we look forward to future initiatives that will further support local communities.



Aminata Ndiaye community liaison officer Senegal and Alioune Dieng senior community liaison officer give out school kits



School kits



Alioune Dieng senior community liaison Officer with Moustapha Sarr inspector of education and training in Saint Louis

GTA Gazette

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