



2024-
2026

PRESS REVIEW



VINCI Construction Grands Projets

GEOCEAN

2024-2026

SUMMARY

- **27/03/2026** : FLNG mooring system slides in place offshore Congo
- **2/03/2026** : GLOBAL WATER INTELLIGENCE : Tahiti: Geoclean secures sanitation in Punaauia and strengthens the resilience of the tropical lagoon
- **14/10/2026** : TNTV News : A Punaauia, le futur émissaire sous-marin prend forme dans le lagon
- **2/10/2025** : TNTV News : Le nouvel émissaire de la station d'épuration de Punaauia est en cours
- **25/09/2025** : TAHITI INFO: Punaauia, a new outfall in preparation, sailboats invited to clear the way
- **28/08/2025** : IPLOCA/ Geoclean mobilised in Tahiti for the renewal of Punaauia's marine outfall
- **3/06/2025** : IPLOCA: Geoclean engaged in landmark FLNG project offshore Congo
- **26/05/2025** : Energy Capital & Power/ Geoclean completes step in FLNG Mooring System for Congo
- **22/05/2025** : Offshore Energy/Another milestone crossed off Congolese FLNG project's pre-startup list
- **13/03/2025** : Eco Matin / Geoclean launches offshore operations for the Marine XII project, targeting 2.4 million tonnes of LNG per year
- **03/2025** : Offshore Energy/ Unshackling Africa's gas reserves with offshore ops to slot in floating LNG unit
-
- **12/2024** : Le Marin/ Geoclean a fait le plein de contrats en 2024 et prévoit d'accroître son activité
- **12/2024** : Iploca News letter/ Geoclean completes offshore work on Wilhelmshaven LNG terminal in Germany
- **18/11/2024** : LNG Prime/ Geoclean kicks off work on Congo FLNG mooring project
- **13/10/2024** : Tahiti Infos/ Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia et de son poste de refoulement

- **13/10/2024** : TNTV News/ Les travaux lancés à la station d'épuration de Punaauia
- **11/10/2024** : lapresidence.fr/ *Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia*
- **4/10/2025** : INSPENET/ *Breakthrough in Germany: LNG terminal in Wilhelmshaven is ready for supply*
- **3/10/2024** Offshore Energy/ *With installation ops done, Germany's new LNG terminal ready for FSRU connection to gas grid*
- **30/09/2024** : Offshore Energy/ *Van Oord puts 600-meter-long FSRU jetty together for Germany's LNG terminal*
- **25/09/2024** : WATCH: *French firm finishes subsea installation work at Germany's LNG terminal with single lift*
- **17/09/2024** : Offshore Energy/ *French firm's barge in fifth gear for Germany's Wilhelmshaven 2 LNG terminal*
- **12/09/2024** : LNG Prime/ *Geocean completes offshore work on second Wilhelmshaven LNG terminal in Germany*
- **10/09/2024** : Portnews/ *GEOCEAN supports the installation of the IQuay ready-to use solution for importing LNG to Wilhelmshaven*
- **9/08/2024**: Energy Capital & Power/ Republic of Congo : *Geocean secures Marine XII FLNG Contract*
- **29/07/2024** : Energia Africa/ Congo-Brazzaville : *La Ruée vers l'or-gazier attire le français Geocean*
- **29/07/2024** : Benin Time Info/ *Geocean participe à la phase 2 du projet Congo LNG en Afrique : un nouveau succès pour le gaz en Congo-Brazzaville*
- **29/07/2024** : La Nouvelle Tribune/ *Gaz en Afrique : ce groupe français se frotte les mains*
- **24/07/2024** : Offshore Energy / *Chinese firm taps French player for FLNG mooring job in Africa and boosts its fabrication capacity for floating facilities*
- **26/07/2024** : Upstream/ *French player lands key contract on Eni's Congo FLNG project*

- **18/06/2024** Energy OMNI : *OMNI Features / Installation of Germany's Wilhelmshaven 2 LNG Terminal Assigned to Norwegian and French Companies Firms*
- **14/06/2024**: *Offshore Energy / Installation jobs for Germany's Wilhelmshaven 2 LNG terminal go to Norwegian and French firms*

[WATCH: FLNG mooring system slides in place offshore Congo - Offshore Energy](#)

WATCH: FLNG mooring system slides in place offshore Congo

BUSINESS DEVELOPMENTS & PROJECTS

March 27, 2026, by Melisa Cavcic

Share this article



France's marine contractor **Geocean** has released video footage showing the work undertaken to put in place a mooring system for a floating liquefied natural gas (FLNG) unit off the coast of Congo, Africa.



Installation of FLNG mooring system at Eni Congo LNG project; Source: Geocean

The company explains that the installation of the FLNG mooring system in the **Marine XII** block was done in partnership with China's **Wison New Energies**. Geocean carried out the transport and installation of the FLNG mooring system at **Eni's Congo LNG** project off the coast of Pointe Noire in 33 meters of water depth.

The firm claims that teams installed the driven anchor piles, the submerged swivel and yoke (SSY), and the flexible riser, performing all drilling, grouting, and subsea connection operations with high precision. As a result, the infrastructure is now fully operational, producing and exporting LNG.

“Through this operation, Geocean ensures the stability and reliability of the FLNG Marine XII mooring system, directly contributing to the success of the country’s first floating liquefaction project,” underlined the French player.

https://www.tahiti-infos.com/Punaauia-un-nouvel-emissaire-en-preparation-les-voiliers-invites-a-liberer-le-passage_a233047.html%20https://www.tahiti-infos.com/Punaauia-un-nouvel-emissaire-en-preparation-les-voiliers-invites-a-liberer-le-passage_a233047.html

Punaauia : un nouvel émissaire en préparation, les voiliers invités à libérer le passage



Les bateaux présents devant le parc Vaira'i devront se déplacer pour le passage de l'émissaire vers Taapuna.

Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia et de son poste de refoulement

Tahiti, le 24 septembre 2025 - Pour remplacer l'émissaire vieillissant qui évacue les eaux usées de plus de 20 000 habitants, un chantier d'envergure est en cours à Punaauia. La pose du nouveau tuyau, long de 1,4 km, nécessitera le déplacement temporaire de plusieurs voiliers ancrés dans le lagon, afin de permettre la manœuvre délicate d'acheminement et d'immersion.

À Punaauia, l'émissaire qui achemine les eaux traitées de la station d'épuration de Matatia

vit ses dernières semaines. Construit au début des années 2000 pour durer un demi-siècle, il a montré des signes de fatigue bien plus tôt que prévu. Fuites à répétition, réparations d'urgence et interdictions temporaires de baignade ont rythmé la vie du littoral ces dernières années. Pour sécuriser durablement l'assainissement, le Pays finance la construction d'un nouvel ouvrage, plus robuste et conçu pour tenir au moins 50 ans.

Ce chantier, confié à la société **Geocean (groupe Vinci)** sous maîtrise d'ouvrage de la SEM Vaitama, consiste à immerger un tuyau en polyéthylène. Quatre tronçons de 150 à 500 mètres, préfabriqués dans la baie, doivent être remorqués par mer jusqu'à leur position finale avant d'être immergés. Une opération minutieuse qui dépend étroitement des conditions météo.

Pour sortir ces immenses conduites du site de fabrication, en face du parc Vaira'i et rejoindre le chenal, il faut dégager un couloir d'environ 150 mètres de large. La société **Geocean** a besoin d'un passage libre pendant quatre journées échelonnées sur un mois, le temps de remorquer chaque tronçon au bon créneau de houle et de vent. C'est là qu'intervient une contrainte inattendue : le [déplacement des voiliers actuellement ancrés dans l'alignement exact du futur trajet.](#)

Arnaud Jordan, président de l'Association des voiliers en Polynésie, confirme la situation : *“Une cinquantaine de bateaux mouillent devant le parc Vaira'i. Seuls six ou sept gênent vraiment la manœuvre. Nous avons contacté les propriétaires pour qu'ils déplacent leurs navires vers des zones libres entre le parc et la marina Taina.”* Selon lui, l'association joue le jeu : *“Personne ne veut compliquer un chantier qui améliorera la qualité des eaux du lagon. Nous facilitons au contraire les démarches.”*

Le calendrier reste souple : la fenêtre de tir dépendra de la houle et des vents, mais l'opération devrait commencer début octobre et s'échelonner sur environ un mois. Passé ce délai, les bateaux pourront revenir à leur mouillage. En attendant, la mairie et la SEM Vaitama poursuivent leur communication auprès des navigateurs, afin d'éviter tout incident lors du passage des tuyaux géants.

Une fois le nouvel émissaire raccordé, les eaux traitées pourront être rejetées au large de manière plus sûre, garantissant la salubrité du lagon pour les décennies à venir.

Rédigé par Darianna Myszka le Mercredi 24 Septembre 2025 à 16:52 | Lu 701 fois

<https://www.iploca.com/member-news/geocean-mobilised-in-tahiti-for-the-renewal-of-punaauias-marine-outfall/#:~:text=Geocean%2C%20a%20brand%20of%20VINCI,560%20mm%20diameter>

Geocean mobilised in Tahiti for the renewal of Punaauia's marine outfall

Published 28 August 2025

Published 28 August 2025



Geocean, a brand of VINCI Construction Grands Projets, is currently involved in Tahiti on a public contract awarded by SEM Vaitama for the construction of a new marine outfall linked to the Punaauia wastewater treatment plant. The project will replace the existing outfall, operational since 2002, with a new 1,400-metre-long HDPE pipeline (560 mm diameter).

This modern infrastructure will significantly improve wastewater discharge capacity while ensuring enhanced protection of the local marine environment. Offshore operations led by Geocean are scheduled to begin in August. These works are carefully planned to align with local weather conditions and are supported by robust safety and environmental oversight – including SPS coordination by Bureau Veritas and environmental monitoring by CREOCEAN. This project reflects the local authority's commitment to modernising critical infrastructure. It reinforces Geocean's ability to deliver turnkey offshore solutions in sensitive coastal settings, tailored to the needs of public clients.

<https://www.iploca.com/member-news/geocean-engaged-in-landmark-flng-project-offshore-congo/#:~:text=comprises%20a%20foundation%20package%20made,The%20initial%20maritime>

Geocean engaged in landmark FLNG project offshore Congo

Published 3 June 2025



Geocean, a unit of VINCI Construction Grands Projets, has been selected by Wison New Energies to undertake the transportation and installation of the mooring system for the ENI Floating Liquefied Natural Gas (FLNG) facility located on the Marine XII block, offshore the Republic of Congo.

This strategic infrastructure aims to harness the block's substantial gas reserves to bolster the country's energy autonomy, support exports and embrace low-carbon technologies. Set at a water depth of 33 metres, the mooring system comprises a foundation package made of three drilled and grouted piles, each with a diameter of 2.5 metres, and a subsea anchoring system made of a swivel and yoke (SSY). Once operational, the FLNG unit will have an annual production capacity of 2.4 million metric tons of LNG, with the potential to reach 4.5 billion cubic metres of gas per year by 2025. Site activities began in early January, and the project is currently progressing offshore. The initial maritime operations have been completed, with final installation of the mooring system scheduled for completion in the coming weeks. This project exemplifies Geocean's commitment to delivering complex offshore energy solutions in challenging environments, reinforcing its role as a key player in the transition toward more sustainable energy systems.

More about [GEOCEAN](#)

<https://energycapitalpower.com/geocean-completes-step-in-flng-mooring-system-for-congo-lng-project/#:~:text=French%20marine%20contractor%20GEOCEAN%20has,in%20the%20Marine%20XII%20block>

GEOCEAN Completes Step in FLNG Mooring System for Congo LNG Project



May 26, 2025

SHARE THIS ARTICLE



French marine contractor GEOCEAN has completed a critical step in the installation of a mooring system for a floating liquefied natural gas (FLNG) unit offshore Congo. The system is part of Eni's Congo LNG project in the Marine XII block.

The project included placing a drilling guide template and using divers to check that everything was correctly aligned and safe in the offshore area. This step came after the jack-up barge *La Sianna* was brought to the site in March 2025 and set up as a stable work platform.

A 57-meter casing weighing 167 tons was delivered to the offshore site by the platform supply vessel. It was positioned in the drilling template to enable the start of drilling and anchor pile installation. With three anchor piles in place, the mooring system's foundation was completed and ready to support the FLNG unit.

Congo LNG began exports in February 2024 using the Tango FLNG unit. The project includes two FLNG units to be deployed at the Nenè and Litchendjili fields. The second unit, under construction, is expected to start operations by the end of 2025.

[WATCH: Another milestone crossed off Congolese FLNG project's pre-startup list - Offshore Energy](#)

WATCH: Another milestone crossed off Congolese FLNG project's pre-startup list

BUSINESS DEVELOPMENTS & PROJECTS

May 21, 2025, by Dragana Nikše

France's marine contractor **GEOCEAN** has completed another step required to put in place a mooring system for a floating liquefied natural gas (FLNG) unit to be deployed off the coast of Congo, Africa.



Casing installation; Source: GEOCEAN

The FLNG mooring system for **Eni's Congo LNG** project in the Marine XII block has passed a new milestone with the deployment of the drilling guide template and performance of diving operations to ensure alignment and safety in what is described as a highly complex offshore environment.

This step follows the mobilization of the jack-up barge ([JUB](#)) **La Sianna** in March 2025. The barge was elevated and stabilized to create an optimal working platform.

Now, the 57-meter-long casing weighing 167 tonnes was transported to the location using the **Topaz Faye** platform supply vessel (PSV). The casing was then upended and inserted into the drilling template.



This will enable the French player to move forward with the next steps: drilling and installation of the first anchor pile. Once three anchor piles are installed, the mooring system's foundation will be ready, guaranteeing the stability of the FLNG unit.

The Congo LNG project [started exporting natural gas](#) in February 2024 using [FLNG Tango](#), a unit with 0.6 million tons per annum (mtpa) capacity. The project, currently producing 1 billion cubic meters (cbm) per year of LNG, is envisioned to unlock the gas resources of the Marine XII project with the installation of two FLNG units at the Nenè and Litchendjili fields. The second phase of the project, which entails another FLNG unit [under construction](#), is scheduled to start [at the end of 2025](#). This is expected to boost annual production to 4.5 billion cbm.

In March 2025, Eni [struck a deal](#) to offload 25% of its 65% participating interest in the Congo LNG project to Vitol. According to Eni, this is in line with its strategy aimed at optimizing upstream activities by rebalancing its portfolio.

[Congo : Geoccean lance les opérations en mer du projet Marine XII, visant 2,4 millions de tonnes de GNL par an](#)

Congo : Geoccean lance les opérations en mer du projet Marine XII, visant 2,4 millions de tonnes de GNL par an

L'entreprise maritime Geoccean a annoncé le lancement des travaux d'installation du système d'amarrage de l'unité flottante de production de gaz naturel liquéfié (GNL) sur le projet Marine XII, porté par la multinationale italienne Eni.

Publiée jeudi 13 mars 2025 à 17:33:25 Modifiée jeudi 13 mars 2025 à 17:33:30 Temps de lecture 3 min

Par [Albert AMOUGOU](#)



Une usine flottante de Geoccean

Geoccean, spécialiste des infrastructures maritimes, a officialisé le 11 mars 2024 le lancement des opérations d'installation du système d'amarrage de l'unité flottante de production de gaz naturel liquéfié (GNL) sur le projet Marine XII, situé à environ 50 km au

large de Pointe-Noire, en République du Congo. Développé par la multinationale italienne Eni, ce projet annoncé depuis 2022 vise une production annuelle de 2,4 millions de tonnes métriques de GNL, destinée aux marchés internationaux dès fin 2025. Il comprendra des capacités de stockage de plus de 180 000 m³ de GNL et 45 000 m³ de gaz de pétrole liquéfié (GPL).

« Depuis quelques jours, la Jack up barge "La Sianna" est arrivée sur le site du projet. Préparée et équipée à quai, elle est désormais parfaitement opérationnelle pour mener à bien l'ensemble des étapes. En parallèle, le PSV a lui aussi été mobilisé pour acheminer sur site les fournitures les plus volumineuses. Les opérations offshore sont désormais lancées ! », précise le communiqué de Geocan.

Un projet d'envergure

Ce marché, prévu pour être achevé au cours du premier trimestre 2025, a été confié à Geocan en juillet 2024 après un contrat signé avec la société de technologie énergétique Wison New Energies. Bien que le coût de ces prestations n'ait pas été dévoilé, il s'inscrit dans le cadre du développement du projet LNG Marine XII, qui a globalement nécessité un investissement d'environ 5 milliards de dollars (plus de 3 000 milliards de Fcfa), d'après Eni.

Lire aussi : [Congo : AGL sécurise 230 millions d'euros auprès de six banques pour un nouveau quai au port de Pointe-Noire](#)

Pour les étapes suivantes, Geocan prévoit l'installation du gabarit et du tubage pour préparer les opérations de forage sous-marin, le début des travaux d'installation des premiers pieux d'ancrage, ainsi que la coordination et la mobilisation des équipes pour assurer la réussite du projet. « La mobilisation et l'assemblage du matériel étant terminés, le forage et l'installation de chacune des trois piles sont en cours, précédant l'installation finale de la structure de base. », affirme l'entreprise.

Eni renforce son ancrage dans le secteur gazier congolais

Le lancement de cette phase opérationnelle constitue une avancée notable dans le positionnement d'Eni au Congo. Confronté à des défis énergétiques, le pays mise sur l'exploitation de son potentiel gazier pour assurer sa transition énergétique et renforcer ses exportations. En avril 2023, lors du Forum sur l'Énergie en Afrique, Eni avait réaffirmé son engagement en faveur du développement gazier en République du Congo avec le projet Congo LNG, qui vise une production annuelle de 3 millions de tonnes de GNL (environ 4,5 milliards de mètres cubes) d'ici 2026. Ce projet repose sur l'installation de deux unités flottantes de liquéfaction du gaz (FLNG), dont la première, d'une capacité de 0,6 million de tonnes par an (mtpa), devait entrer en service en 2023, suivie par de celle dont l'installation vient de débiter (2,4 millions de tonnes prévue pour 2025).

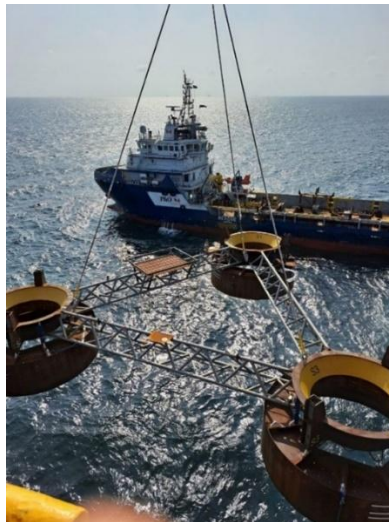
<https://www.offshore-energy.biz/unshackling-africas-gas-reserves-with-offshore-ops-to-slot-in-floating-lng-unit/>

Unshackling Africa's gas reserves with offshore ops to slot in floating LNG unit

BUSINESS DEVELOPMENTS & PROJECTS

March 12, 2025, by Melisa Cavcic

The stage has been set to embark on offshore activities to put a mooring system for a floating liquefied natural gas (FLNG) unit in place off the coast of Congo, Africa. France's marine contractor GEOCEAN is tasked with the transport and installation of this mooring system for Eni's second FLNG unit on the Marine XII block, which is set to enhance the African country's energy sector by producing LNG for domestic and export needs.



FLNG mooring job for Eni's Congo LNG project; Source: GEOCEAN

Wison New Energies picked **GEOCEAN** to handle the FLNG mooring system job for Eni's Congo LNG project located at a depth of 33 meters of Pointe-Noire (Congo) to exploit the gas reserves in the Marine XII block with the aim of producing low-carbon-footprint LNG.

The assignment entails installing a submerged swivel and yoke system (SSY) anchored via three drilled piles and one flexible riser, connecting the SSY to the FLNG around 50 km from Pointe Noire. With a production capacity of 2.4 million metric tons of gas per year, the unit can store 180,000 metric tons of LNG and 45,000 metric tons of LPG.

Project & Tenders

Eni's Congo LNG project is envisioned to unlock the gas resources of the Marine XII project with the installation of two FLNG units at the Nenè and Litchendjili fields. This project is designed to have an overall LNG production capacity of 3 million tons per year, or approximately 4.5 billion cubic meters per year, from 2025.

While Congo entered the LNG exporters' club in February 2024, after its first FLNG unit, known as Tango with 0.6 million tons per annum (mtpa) capacity, began its LNG deliveries, the second unit, under construction, is slated to be in operation by the end of 2025.

To make this happen, GEOCEAN has set the course for the Marine XII project, kicking off offshore operations to install the FLNG mooring system, with the jack-up barge (JUB) mobilization phase now complete.

Equipped to carry out on-site operations, the JUB has left the port of Pointe-Noire for the project site, which is 50 km away, setting off three key stages, including the installation of a template and casing to prepare for drilling operations; the start of work to install the first anchor piles; and coordination and mobilization of teams to ensure the success of the project.



FLNG mooring job for Eni'S Congo LNG project; Source: GEOCEAN

The launch of operations for the Marine XII project in the Congo comes after the jack-up barge La Sianna (JUB) arrived at the project site, 50 kilometers off the coast of Pointe Noire. This vessel is believed to be now fully operational to complete all the project stages. Simultaneously, a platform supply vessel (PSV) has also been mobilized to transport the most extensive supplies to the site, with offshore operations now underway.

GEOCEAN elaborated: "Over the past few weeks, we have mobilised and assembled all the necessary equipment at the port of Pointe-Noire. The drilling and cementing units have been prepared and assembled on site, thus guaranteeing a reliable and ready-to-use configuration.

" The diving spread, including a decompression chamber, a control cabin, and two diving lifts (LARS), is already mobilised on board the barge, and the ROV is responsible for underwater inspection.

Safety and quality control protocols have also checked and loaded the piles and vibro hammer vibration equipment required for installation of the piles."

Once the JUB and the PSV got positioned offshore, the French firm claims that the teams began installing the drilling template and the casing, two fundamental operations before drilling could begin. This configuration is perceived to allow the first anchor pile to be installed in optimal conditions.

The logistical support provided by the PSV is seen as crucial, as it is understood to have a key role in delivering integrated components and installation aids while also serving as an assistance platform for the teams, facilitating the transit of people and goods between the land base and the area of operation.

Given the progress made so far, all things are deemed to be ready to launch the first drilling phase and install the first pile. This stage represents the core of our project, as it will determine the last structure's solidity, reliability, and position.



PSV for Eni's Congo LNG; Source: GEOCEAN

Before installing the anchor piles, a template will be positioned to ensure precision and define the exact drilling location, as drilling operations are said to require millimetric precision and in-depth knowledge of the site's geological characteristics and marine constraints.

While explaining that this will be the first major underwater operation, GEOCEAN underlined: "Thanks to the cooperation of our various teams – engineers, technicians, divers and logisticians – we are in the best position to carry out these offshore operations. With mobilisation and equipment assembly completed, drilling has begun, and the three piles are installed before the base structure is finalised. "At the same time, we remain attentive to the quality of our operations, the safety of our teams, and the protection of the marine environment. This new phase marks a decisive stage in the project's realisation, the success of which will depend on the rigour of our teams and the efficiency of the resources deployed."

The first shipyard in Nantong was nearly done with the hull last year, but the second shipyard in Zhoushan said the topside modules would not be ready before September 2025. The progress came after Wison New Energies disclosed plans to exit all Russian projects in the wake of the raft of sanctions the U.S. disclosed for companies fueling Russia's energy sector boom and the European Union's 14th package of sanctions against the country.

The Chinese player later on won a \$1 billion contract with Malaysia's Genting to construct an FLNG, which would be the first such unit in Indonesia and the ninth one worldwide. This is Wison's third contract to build FLNG facilities, following deals with Exmar and Eni. Recently, Eni selected Hilong Group's Hilong Offshore Engineering to handle the second phase of the offshore transportation and installation works for its LNG project off the coast of Congo.

[Geocean a fait le plein de contrats en 2024 et prévoit d'accroître ses effectifs](#)

Geocean a fait le plein de contrats en 2024 et prévoit d'accroître ses effectifs

Geocean, spécialiste français des infrastructures maritimes pour les industries de l'énergie et de l'eau, affiche un carnet de commandes plein pour 2025 et prévoit d'accroître ses effectifs permanents. Après avoir cédé ses moyens maritimes, il a mis au point quatre concepts standardisés d'aménagement modulaire de barges, qu'il entend faire breveter.



Geocean a utilisé l'un de ses concepts d'aménagement modulaire de barges pour le projet de connexion à la côte du FSRU associant Engie à TES à Wilhelmshaven (Allemagne). | GEOCEAN

m Le marin Carole LANZI.

Publié le 09/12/2024 à 19h59

« **2024 a été une année exceptionnelle pour nous**, se félicite Nicolas Petit, directeur de Geoccean. **Notre chiffre d'affaires a quasiment triplé par rapport à 2021**. » Cela alors que la société avait dû lancer un plan d'économies en 2020 pour faire face notamment aux conséquences de la crise du Covid, avant son intégration à Vinci construction grands projets. Les perspectives sont bonnes, poursuit Nicolas Petit. Nous avons remporté cette année quatre contrats, si bien que notre carnet de commandes est déjà rempli pour 2025.

Geoccean débutera ainsi en janvier, pour Wison new energies, l'installation du système d'ancrage de l'unité de liquéfaction (FLNG) du [projet congolais Marine XII d'Eni](#). Pour réduire l'impact carbone du projet, nous avons demandé à Biglift de transporter les colis lourds entre l'Asie du sud-est et le Congo-Brazzaville sur un bateau alimenté au biofuel, souligne le directeur. Ce contrat congolais représente plusieurs dizaines de millions d'euros pour Geoccean.

La compagnie basée à Cassis (Bouches-du-Rhône) a aussi été retenue pour relier une unité de regazéification (FSRU) à la côte en Asie du sud-est, et pour remplacer une conduite endommagée sur une installation de rejet d'eau traitée à Papeete (Polynésie française). Enfin, elle installera les conduites de prise et de rejet d'eau associées à une usine de dessalement alimentée en énergie solaire.

« Mobiliser des équipements au plus près de nos projets »

Pour mener à bien ses projets, Geoccean, qui a cédé ses deux barges durant la crise, a mis au point quatre concepts standardisés d'aménagement modulaire de barges, qu'elle prévoit de faire breveter. C'est l'un de ces concepts qu'elle a par exemple utilisé cette année pour connecter à la côte le FSRU associant Engie à TES à Wilhelmshaven (Allemagne).

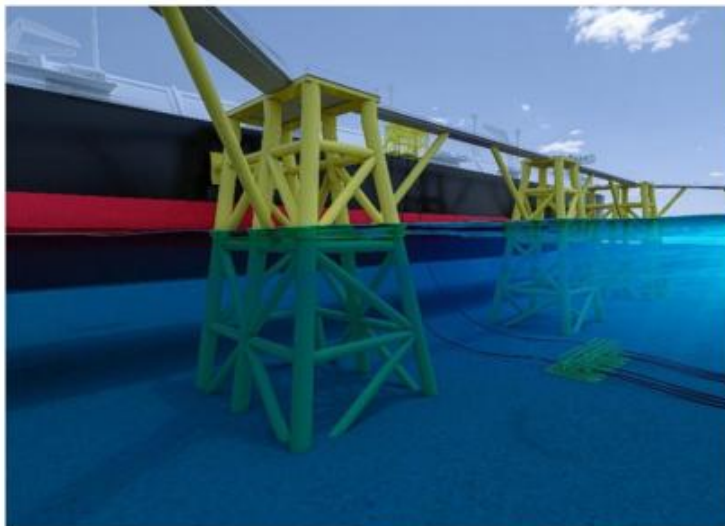
L'idée est de mobiliser des équipements au plus près des lieux de nos projets pour les assembler sur une barge, explique Nicolas Petit. Cela nous rend plus agiles et c'est beaucoup moins coûteux que d'exploiter nos propres moyens maritimes.

Dans un contexte porteur, Geoccean prévoit d'accroître ses effectifs permanents, qui représentent actuellement entre 40 % et 50 % de ses collaborateurs. Elle recherche à la fois de jeunes ingénieurs et des profils expérimentés.

[IPLOCA Newsletter 101 by Pedemex BV - Issuu](#)

Geocean completes offshore work on Wilhelmshaven LNG terminal in Germany

Geocean, which is part of VINCI Construction Grands Projets, has successfully completed the installation of three TCP pipelines and a power cable to connect ExceleRate Energy's floating storage regasification unit (FSRU) to terrestrial facilities. The offshore FSRU terminal project

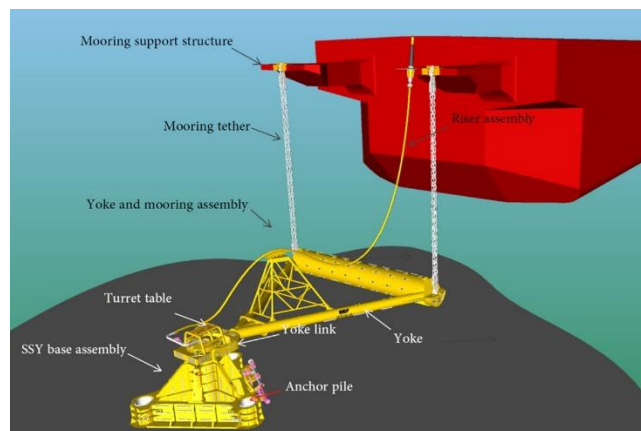


installed in Wilhelmshaven, Germany is a joint venture between ENGIE and TES (Tree Energy Solution). Geocean has been chosen to carry out this fast-track installation project, enhancing the country's infrastructure and energy security. The company worked on the connection to the FSRU, the anchoring system, and the subsea equipment. This infrastructure was installed 1.7 km from the shore at a depth of 14 metres. Geocean deployed its FAST-FLEX barge solution, one of its four types of modular barges. These modular barge solutions are tailored to the specific needs of each project and designed to streamline installation operations and cut the cost of offshore installation projects. This project represents a major development in the company's offshore installation capabilities.

<https://lngprime.com/corporate/sponsored-content/geocean-kicks-off-work-on-congo-flng-mooring-project/130242/>

Geocean kicks off work on Congo FLNG mooring project

By [LNG Prime Staff](#)



French marine and offshore contractor, Geocean, a VINCI Construction Grands Projets unit, has started working on a new contract it recently won from China's Wison New Energies for Eni's FLNG project in Congo.

Geocean signed an agreement with Wison New Energies to transport and install the mooring system as part of the FLNG infrastructure on the Marine XII block in Congo.

This strategic FLNG project aims to harness the significant gas reserves of this block to bolster Congo's energy sector by producing LNG for domestic and export needs while adopting low-carbon technologies.

The project site will be located off the coast of Congo in 33-meter water depth.

Geocean says the mooring system will consist of a submerged swivel and yoke (SSY) engineered, procured, fabricated, and delivered by NOV APL.

First quarter of 2025

Geocean will complete the installation of the FLNG's mooring system in two phases.

The pre-installation of the SSY anchor piles will be done by using a jack-up barge to set the anchor piles at the site using drilling and grouting techniques.

Also, Geocean will complete the transport and installation of the SSY system on the seabed using a heavy lift vessel specially mobilized for this operation.

The work, which leverages Geocean's advanced technical expertise and capabilities, is expected to be completed during the first quarter of 2025.

Congo FLNG project

Wison New Energies secured a contract from Italy's Eni in December 2022 to build a 380-meter-long FLNG.

The FLNG will have a production capacity of 2.4 million metric tonnes of LNG per year, with storage capacities exceeding 180,000 cbm of LNG, 45,000 cbm of liquefied petroleum gas (LPG), and also 18,000 cbm of condensate.

Eni's Congo project will reach an overall LNG production capacity of 3 million metric tonnes or 4.5 billion cubic meters annually from 2025.

Besides this FLNG, the Congo project features a smaller unit, Tango FLNG.

Eni shipped the first LNG cargo from its Tango FLNG moored in Congolese waters in February this year.

Delivered by Wison New Energies in 2017, Tango FLNG has a liquefaction capacity of about 1 billion cubic meters per year of gas, or 0.6 million metric tonnes of LNG, and a storage capacity of 16,100 cbm.

Second large LNG project for Geocean this year

This project follows Geocean's recently [completed contract](#) on the offshore part of the second FSRU-based LNG import project in Wilhelmshaven, Germany.

Norway's EConnect Energy contracted Geocean to support them in installing the IQuay ready-to-use solution for importing LNG to Wilhelmshaven.

With 40 years of experience in complex offshore projects, Geocean also previously worked on several other offshore LNG terminals.

The projects include the Moheshkhali LNG terminal and the Summit FSRU terminal in Bangladesh.

[Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia et de son poste de refoulement \(tahiti-infos.com\)](https://tahiti-infos.com)

Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia et de son poste de refoulement



Tahiti le 13 octobre 2024. La cérémonie de pose de la première pierre du nouvel émissaire de la station d'épuration de Matatia, située à Punaauia et gérée par la SEM Vaitama, également connue sous le nom de SEM Assainissement des eaux de Tahiti s'est déroulée en fin de semaine.

Entièrement financé par le Pays, ce projet marque une étape majeure dans l'amélioration des infrastructures d'assainissement de la commune, tout en renforçant la protection de l'écosystème marin local.

Mise en service en 2002, la station d'épuration de Punaauia fait partie des premières installations de ce type en Polynésie française, reflétant l'engagement précoce de la commune dans la gestion des eaux usées. Le projet de renouvellement de l'émissaire et du poste de refoulement a pour objectif d'accroître la capacité et l'efficacité du système d'assainissement, en garantissant un traitement optimal des eaux usées tout en préservant l'équilibre de l'écosystème local.

Les travaux sont répartis en deux lots distincts :

- Lot 1 : Rénovation de l'émissaire sous-marin
La société **GEOCEAN** débutera les travaux sous-marins le 3 octobre 2024. Ces interventions, encadrées par le groupement EGIS/NEOSEA, respectent des normes techniques et écologiques rigoureuses. Ce chantier, dont le montant s'élève à 1 249 547 080 F CFP HT, est intégralement financé par le Pays.

- Lot 2 : Modernisation du poste de refoulement et de la chambre de maintenance
Ce second lot, pris en charge par le groupement JL Polynésie et Polynésienne des Eaux, concerne la partie terrestre du projet, avec la mise à niveau des équipements permettant une meilleure gestion des eaux usées. Le coût des travaux s'élève à 540 millions de francs, entièrement couvert par le Pays.

Un Plan de Gestion de l'Environnement (PGE), élaboré par le bureau d'études **GEOCEAN**, a été mis en place afin de minimiser l'impact environnemental des travaux sur le littoral et l'écosystème marin. Ce plan garantira une gestion responsable du chantier, en sensibilisant l'ensemble des équipes aux enjeux environnementaux.

Les travaux maritimes, soumis aux aléas climatiques, ont été soigneusement planifiés afin d'optimiser les périodes d'intervention en mer. Les représentants de **GEOCEAN**, présents sur le territoire du 3 au 13 octobre, veilleront au bon déroulement des opérations maritimes cruciales, en tenant compte des prévisions climatiques afin d'assurer une exécution sans retard. La sécurité des équipes et la protection de l'environnement sont des priorités absolues. La mission de coordination en Sécurité et Protection de la Santé (SPS) sera assurée par le Bureau Veritas, garantissant le respect des normes de sécurité, des procédures techniques, et des mesures de prévention des risques tout au long du chantier.

Rédigé par Bertrand PREVOST le Dimanche 13 Octobre 2024 à 11:26 | Lu 1910 fois

[Les travaux lancés à la station d'épuration de Punaauia](#) • TNTV Tahiti Nui Télévision

Les travaux lancés à la station d'épuration de Punaauia

Bientôt un nouvel émissaire pour la station d'épuration de Matatia à Punaauia. La pose de la première pierre a eu lieu cette semaine. Le projet est entièrement financé par le Pays.

Publié le 13/10/2024 à 14:47 - Mise à jour le 13/10/2024 à 15:39



Crédit : présidence de la Polynésie

Mise en service en 2002, la station d'épuration de Punaauia fait partie des premières installations de ce type en Polynésie française. « Le projet de renouvellement de l'émissaire et du poste de refoulement a pour objectif d'accroître la capacité et l'efficacité du système d'assainissement, en garantissant un traitement optimal des eaux usées tout en préservant l'équilibre de l'écosystème local », indique un communiqué du Pays.





L'an dernier, l'émissaire avait été endommagé et des eaux souillées avaient été rejetées dans le lagon de Punaauia. Une situation qui n'était pas nouvelle. Dans un rapport, la Chambre territoriale des comptes avait pointé, « des défauts de conception de l'émissaire ».

Le projet lancé cette semaine se déroulera en deux phases :

- PUBLICITE -

- **Lot 1 : Rénovation de l'émissaire sous-marin**

La société GEOCEAN a débuté les travaux sous-marins le 3 octobre 2024. Ces interventions sont encadrées par le groupement EGIS/NEOSEA. Ce chantier, dont le montant s'élève à 1 249 547 080 F CFP HT, est intégralement financé par le Pays.

- **Lot 2 : Modernisation du poste de refoulement et de la chambre de maintenance**

Ce second lot, pris en charge par le groupement JL Polynésie et Polynésienne des Eaux, concerne la partie terrestre du projet, avec la mise à niveau des équipements permettant une meilleure gestion des eaux usées. Le coût des travaux s'élève à 539 956 862 F CFP HT, entièrement couvert par le Pays.

« Un Plan de Gestion de l'Environnement (PGE), élaboré par le bureau d'études GEOCEAN, a été mis en place afin de minimiser l'impact environnemental des travaux sur le littoral et l'écosystème marin. Ce plan garantira une gestion responsable du chantier, en sensibilisant l'ensemble des équipes aux enjeux environnementaux », précise le communiqué officiel.

Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia

11 octobre 2024



- [Voir l'image agrandie](#)

Lancement des travaux du nouvel émissaire de la station d'épuration à Punaauia et de son poste de refoulement

Taivini TEAI, ministre de l'Agriculture, des Ressources marines et de l'Environnement, a participé à la cérémonie de pose de la première pierre du nouvel émissaire de la station d'épuration de Matatia, située à Punaauia et gérée par la SEM Vaitama, également connue sous le nom de SEM Assainissement des eaux de Tahiti.

Cet événement a réuni plusieurs personnalités, dont le maire de la commune, Simplicio LISSANT, ainsi que des membres de la direction de la SEM, Nicolas BERTHOLON, président de la SEM Vaitama. Étaient également présents des représentants des entreprises responsables des travaux et de l'exploitation de la station, notamment Mathieu DESETRES, directeur de la Polynésienne des eaux, ainsi que les représentants des sociétés GEOCEAN et JL Polynésie.

Entièrement financé par le Pays, ce projet marque une étape majeure dans l'amélioration des infrastructures d'assainissement de la commune, tout en renforçant la protection de l'écosystème marin local.

Mise en service en 2002, la station d'épuration de Punaauia fait partie des premières installations de ce type en Polynésie française, reflétant l'engagement précoce de la commune dans la gestion des eaux usées. Le projet de renouvellement de l'émissaire et du poste de refoulement a pour objectif d'accroître la capacité et l'efficacité du système d'assainissement, en garantissant un traitement optimal des eaux usées tout en préservant l'équilibre de l'écosystème local.

Le projet en deux phases

Les travaux sont répartis en deux lots distincts :

- **Lot 1 : Rénovation de l'émissaire sous-marin**
La société GEOCEAN débutera les travaux sous-marins le 3 octobre 2024. Ces interventions, encadrées par le groupement EGIS/NEOSEA, respectent des normes techniques et écologiques rigoureuses. Ce chantier, dont le montant s'élève à 1 249 547 080 F CFP HT, est intégralement financé par le Pays.
- **Lot 2 : Modernisation du poste de refoulement et de la chambre de maintenance**
Ce second lot, pris en charge par le groupement JL Polynésie et Polynésienne des Eaux, concerne la partie terrestre du projet, avec la mise à niveau des équipements permettant une meilleure gestion des eaux usées. Le coût des travaux s'élève à 539 956 862 F CFP HT, entièrement couvert par le Pays.

Préservation de l'environnement et sécurité des opérations

Un Plan de Gestion de l'Environnement (PGE), élaboré par le bureau d'études GEOCEAN, a été mis en place afin de minimiser l'impact environnemental des travaux sur le littoral et l'écosystème marin. Ce plan garantira une gestion responsable du chantier, en sensibilisant l'ensemble des équipes aux enjeux environnementaux.

Les travaux maritimes, soumis aux aléas climatiques, ont été soigneusement planifiés afin d'optimiser les périodes d'intervention en mer. Les représentants de GEOCEAN, présents sur le territoire du 3 au 13 octobre, veilleront au bon déroulement des opérations maritimes cruciales, en tenant compte des prévisions climatiques afin d'assurer une exécution sans retard. La sécurité des équipes et la protection de l'environnement sont des priorités absolues. La mission de coordination en Sécurité et Protection de la Santé (SPS) sera assurée par le Bureau Veritas, garantissant le respect des normes de sécurité, des procédures techniques, et des mesures de prévention des risques tout au long du chantier.

[With installation ops done, Germany's new LNG terminal ready for FSRU connection to gas grid \(Video\) - Offshore Energy \(offshore-energy.biz\)](#)

With installation ops done, Germany's new LNG terminal ready for FSRU connection to gas grid (Video)

BUSINESS DEVELOPMENTS & PROJECTS

October 3, 2024, by Melisa Čavčić

Norway's technology company EConnect Energy is nearing the last mile of the installation work related to a jettyless ready IQuay solution for liquefied natural gas (LNG) import to Germany's second terminal in Wilhelmshaven. As a result, the Norwegian player's French contractor, Geocean, has reached the end of its assignment on this project.



Installation works wrap up at Wilhelmshaven 2 LNG terminal; Source: Geocean

After FSRU Wilhelmshaven, a joint venture between **Tree Energy Solution (TES)** and **ENGIE**, [signed a contract](#) for installation works with **EConnect Energy**, following the execution of the supply contract, signed in 2022, to deliver a jettyless ready IQuay solution for the offshore jetty at Wilhelmshaven, **Geocean** was [hired to work](#) at the **Wilhelmshaven 2 LNG terminal**, which was scheduled to begin commercial operations in the second half of 2024.

Afterward, the French firm [began the initial stage of the project](#) to install a 1.7-kilometer-long gas import pipeline 14 meters under the sea, directly connecting the floating storage and regasification unit (FSRU) **Excelsior**, owned by the U.S.-based **Excelerate Energy**, to the German grid, as well as to deliver the complete installation services to the FSRU Wilhelmshaven for the IQuay.

Geocean unloaded three of the six thermo composite pipes (TCP) reels at the Eurogate terminal and loaded the pipeline end manifolds and flexible riser hoses on board the **Fast-Flex** barge. With TCP lines [connected to the gas grid](#) at the shore, the subsea pipeline end manifold (PLEM) installation came up next on the firm's agenda, as part of the jettyless IQuay F-Class to fast-track LNG.

Since the first PLEM installation was complete, the French firm's Fast-Flex barge reached the FSRU jetty, and the TCP laying operation into the pre-trench was also done. The company then installed the second TCP line, its PLEM, and the power cable at the Wilhelmshaven LNG terminal project.

Geocean, which approached the conclusion of its assignment in Wilhelmshaven, has installed the last three TCP lines using its Fast-Flex barge, terminated by the second PLEM, which are parts of the jettyless IQuay F-Class, described as an original configuration by EConnect Energy for fast track LNG projects. The power and fibre optical cable was also installed between the mooring jetty and the shore.

"This final milestone concludes Geocean's installation work on this new LNG terminal, provided by EConnect Energy, enabling Germany to secure and diversify its gas supply," highlighted the French firm.

Installation of the last three TCP lines using Geocean's Fast-Flex barge

[WATCH VIDEO](#)

EConnect Energy also confirmed the installation of the final three TCP lines, capped by the second PLEM, which forms part of its configuration for fast-tracked LNG importation. With the power and fiber-optic cables installed between the mooring jetty and the shore, the firm claims that the flowline system is now ready for the arrival of the FSRU and its connection to the gas grid.

While pointing out that it is approaching the final installation phase of the jettyless IQuay F-Class at Wilhelmshaven, the Norwegian player underlined: *"This milestone marks the completion of installation work for this new LNG terminal, positioning Germany to further secure and diversify its gas supply!"*

The wrap-up of installation work comes shortly after **Van Oord** [assembled](#) the FSRU jetty destined for the LNG terminal operated by **Deutsche Energy Terminal (DET)**, part of the German Federal Ministry for Economic Affairs and Climate Action and a state-owned operator of four terminals.

<https://inspenet.com/en/noticias/lng-terminal-completed-in-germany/>

Breakthrough in Germany: LNG terminal in Wilhelmshaven is ready for supply

The facility will enable Germany to secure and diversify its gas supply.

[Isbel Lázaro.](#)

The [Liquefied Natural Gas \(LNG\) terminal](#) project in Wilhelmshaven, Germany, has reached a milestone with the installation of [essential infrastructure](#). [Geocean](#), a specialist marine project company, has led the operations in collaboration with EConnect Energy, implementing the innovative [IQuay F-Class jetty-less solution](#), designed to facilitate rapid connection of floating storage and regasification units (FSRUs) to the gas grid.

In just 15 days, [Geocean](#) transformed a simple barge into a cutting-edge tool, completing the installation of a 1.7 km [gas pipeline](#) 14 metres below sea level. This pipeline connects the FSRU Hoegh Speranza to the German gas grid and is part of the IQuay system infrastructure. Crucial to reinforcing the country's energy security, the project enables the fast and flexible import of [LNG](#), a vital source for diversifying gas supply.



TCP: vital in the construction of the LNG terminal

One of the keys to success has been the use of Strohm's thermo-composite pipes (TCP), which, thanks to their [corrosion resistance](#) and lightness, offer a faster and more efficient installation compared to traditional [steel pipes](#). These pipes have already been used to connect the Excelerate Excelsior FSRU to the onshore

infrastructure. Throughout September 2024, the first TCP package was installed under harsh climatic conditions, highlighting the flexibility and adaptability of this technology.

6 spools of Thermo Composite Pipes (TCP) were used to connect the Excelerate Excelsior FSRU to the onshore site. Source: Geocean

On 2 October 2024, **Geocean** announced the installation of the last TCP line, as well as the electrical and fibre optic cabling connecting the terminal to the port. This progress marks the culmination of the project, which not only secures gas supplies for Germany, but also strengthens its ability to respond to fluctuations in the global energy market.

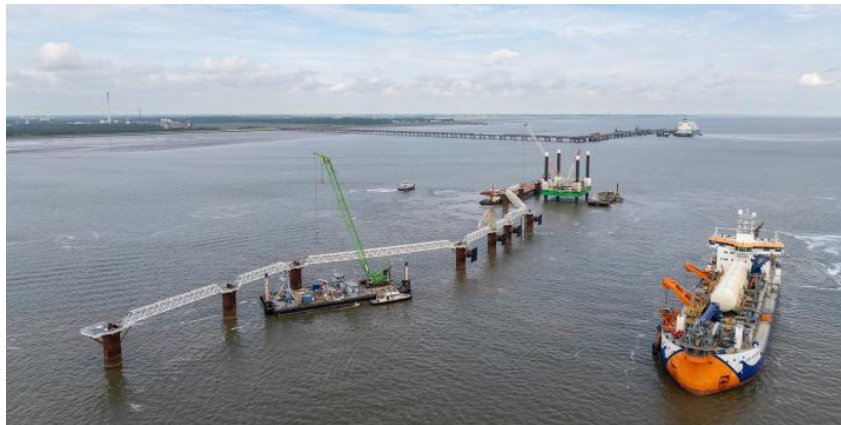
<https://www.offshore-energy.biz/van-oord-puts-600-meter-long-fsru-jetty-together-for-germanys-lng-terminal/>

Van Oord puts 600-meter-long FSRU jetty together for Germany's LNG terminal

[BUSINESS DEVELOPMENTS & PROJECTS](#)

September 30, 2024, by Melisa Čavčić

Dutch marine contractor Van Oord has assembled a floating storage and regasification unit (FSRU) jetty at Wilhelmshaven, Germany for Deutsche Energy Terminal (DET), the German state-owned operator of four terminals.



Van Oord completes FSRU jetty at Wilhelmshaven in Germany; Source: Van Oord

The construction completion milestone for the FSRU jetty at Wilhelmshaven, managed by FSRU Wilhelmshaven, a joint venture between ENGIE and TES, comes eight months after Van Oord [confirmed the contract](#) to build the vessel running on LNG, as this is seen as a more sustainable alternative to marine gas oil (MGO), reducing sulfur, particulate, and nitrogen dioxide emissions.

The Dutch player, responsible for the procurement and construction of the FSRU jetty, installed ten monopiles, including scour protection to prevent erosion. Afterward, the foundations were equipped with platforms, catwalks, and furniture. The **Vox Apolonia** trailing suction hopper dredger was then deployed to dredge the berth pocket and turn the basin to the required depth.

By leveraging Van Oord's experience in dredging, infrastructure, and offshore energy, the company and its client are said to have developed a tailor-made integrated solution for the project, resorting to the deployment of monopiles, mainly used for offshore wind turbines, as the foundation for the new 600-meter-long jetty.



Van Oord finishing FSRU jetty at Wilhelmshaven in Germany; Source: Van Oord

Stan Aarts, Van Oord's Project Director, commented: *"We are incredibly proud of this achievement. The project is a perfect example of Van Oord's marine ingenuity. Our project team's expertise and dedication, combined with our cutting-edge equipment, allowed us to develop a custom integrated marine infrastructure solution that addressed our client's challenge and successfully construct this jetty."*

The construction of the FSRU jetty was among the priority projects backed by Germany's LNG Acceleration Act, [passed in May 2022](#) to plug the supply gap and bolster the country's security of supply when it comes to energy. According to Van Oord, the need to meet the growing energy demand makes it crucial to have energy facilities that are both efficient and safe.

After FSRU Wilhelmshaven [signed a contract](#) for installation works with **EConnect Energy** to deliver a jettyless ready IQuay solution for the offshore jetty at Wilhelmshaven, **Geocean** was [hired to work](#) at the **Wilhelmshaven 2 LNG terminal**, which was scheduled to begin commercial operations in the second half of 2024.

WATCH: French firm finishes subsea installation work at Germany's LNG terminal with single lift

BUSINESS DEVELOPMENTS & PROJECTS

September 24, 2024, by Melisa Čavčić

France's marine contractor **Geocean**, which is tasked with subsea installation work at the second liquefied natural gas (LNG) terminal in Wilhelmshaven developed by Germany's state-owned Deutsche Energy Terminal (DET), has hit a new milestone with the completion of the subsea installation of the first pipeline end manifold (PEM) in a single lift.



Installation of the PEM at Wilhelmshaven 2 LNG Terminal; Source: Geocean

Once FSRU Wilhelmshaven, a joint venture between **Tree Energy Solution (TES)** and **ENGIE**, signed a contract for installation works with **EConnect Energy**, following the execution of the supply contract, signed in 2022, to deliver a jettyless ready IQuay solution for the offshore jetty at Wilhelmshaven, **Geocean** was hired to work at the **Wilhelmshaven 2 LNG terminal**, which was scheduled to begin commercial operations in the second half of 2024.

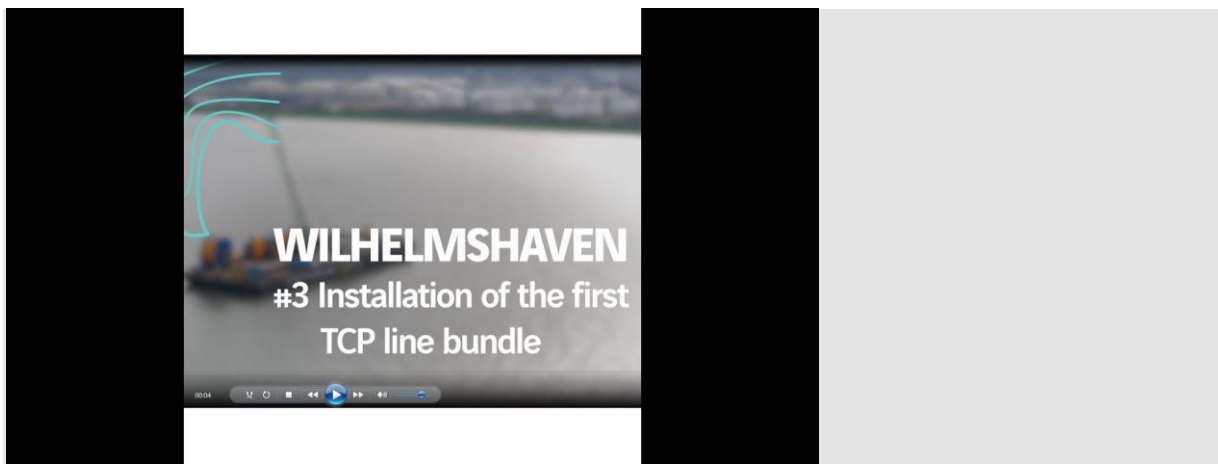
With an LNG storage capacity of 138,000 cubic meters, the floating storage and regasification unit (FSRU) **Excelsior**, owned by the U.S.-based **Accelerate Energy**, will be deployed at this LNG terminal, which is currently under construction. The FSRU has an annual nameplate regasification capacity of 5 billion cubic meters of natural gas.

As a result, the French firm recently began the initial stage of the project to install a 1.7-kilometer-long gas import pipeline 14 meters under the sea, directly connecting the FSRU Excelsior to the German grid, as well as to deliver the complete installation services to the FSRU Wilhelmshaven for the IQuay.

As part of its scope related to the installation of the first thermo composite pipes (TCP) bundle for the jettyless IQuay F-Class solution for LNG import to Wilhelmshaven, Geoclean unloaded three of the six TCP reels at the Eurogate terminal and loaded the pipeline end manifolds and flexible riser hoses on board the **Fast-Flex** barge.

With TCP lines [connected to the gas grid](#) at the shore, subsea PLEM installation came up next on the firm's agenda, as part of the jettyless IQuay F-Class to fast-track LNG. Since the first PLEM installation was complete, the French firm's Fast-Flex barge reached the FSRU jetty, and the TCP laying operation into the pre-trench was also done.

Given the restrictions at the site, the company explains that TCP lines have been brought alongside the Fast-Flex barge and are connected to the PLEM, just like the flexible riser, which is also linked. **Geoclean** is adamant that this is one of the most critical and sensitive operations during the installation of the EConnect Energy IQuay F-Class. The firm is now heading to project completion.



The list of four LNG terminals on the German North Sea coast, which are operated by DET, part of the German Federal Ministry for Economic Affairs and Climate Action, encompasses [Wilhelmshaven 1](#), [Brunsbüttel](#), Wilhelmshaven 2, and [Stade](#). However, the last two are said to be under construction.

The European country's first floating terminal for importing LNG in Wilhelmshaven was officially [commissioned](#) for service in December 2022. [Fairplay Towage Group](#) has been picked as the towage provider for the floating LNG terminals in Brunsbüttel, Stade, and Wilhelmshaven.

The start-up of commercial operations of the Wilhelmshaven 2 LNG terminal will allow **KN Energies** to take the reins of the terminal's technical operation and maintenance infrastructure, including the berth -which [Van Oord got picked to construct](#) – its equipment, and the pipeline, the organization of technical teamwork, and the coordination of preventive actions.

[French firm's barge in fifth gear for Germany's Wilhelmshaven 2 LNG terminal - Offshore Energy \(offshore-energy.biz\)](#)

French firm's barge in fifth gear for Germany's Wilhelmshaven 2 LNG terminal

PROJECT & TENDERS

September 17, 2024, by Nadja Skopljak

As part of a contract with Norway's technology company EConnect Energy, French Geocan has picked up the thermo composite pipes (TCP) reels that will connect the FSRU to the onshore site as part of the second liquefied natural gas (LNG) terminal in Wilhelmshaven developed by German state-owned Deutsche Energy Terminal (DET).



Screenshot. Source: Geocan

To address energy security needs in Germany and Europe, the German Federal Ministry of Economics and Climate Protection picked Tree Energy Solution (TES) and ENGIE in early September 2022 to develop and implement a second LNG floating storage regasification unit (FSRU) in Wilhelmshaven.

FSRU Wilhelmshaven, a joint venture between TES and ENGIE, hired EConnect Energy to install a jettiless ready IQuay solution for LNG import to Wilhelmshaven, who then appointed **Geocan** for subsea installation work. EConnect's delivery will also enable the transfer between the FSRU Excelsior, owned by the U.S.-based Excelebrate Energy, and shore.

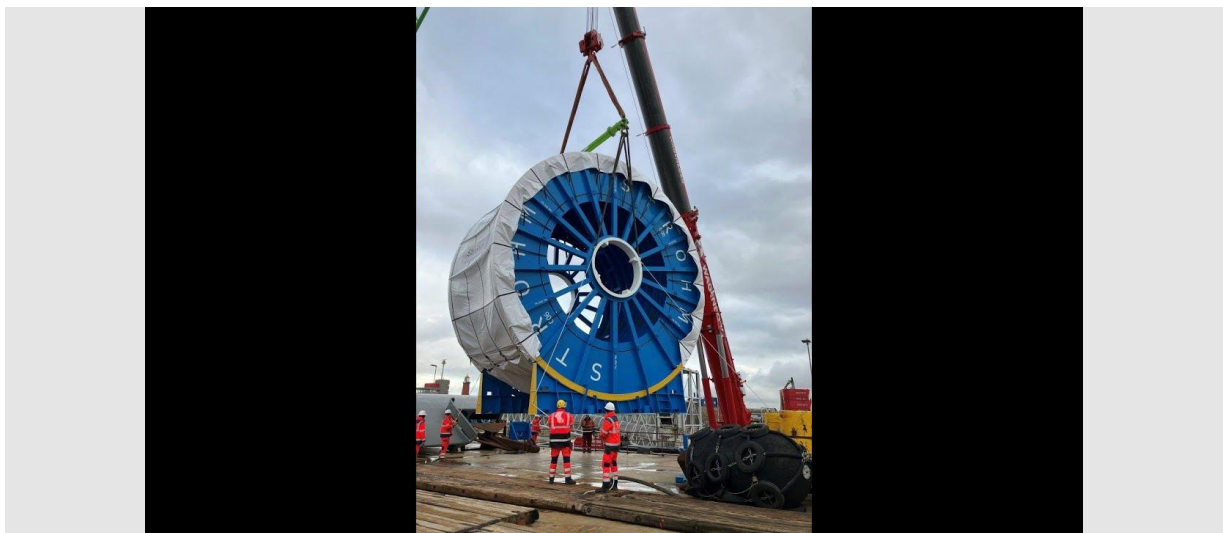
Geocan is in charge of the on-site subsea installation of six 1,600-meter long TCP flowlines, two pipeline end manifold (PLEMs), associated risers, one power and one

1,800-meter fiber optic cable with its Fast-Flex barge solution to streamline installation operations.

The French company reported on September 9 that it had kicked off the initial stage of the project, noting it was set to install a 1.7-kilometer-long gas import pipeline 14 meters under the sea, directly connecting the FSRU Excelsior to the German grid, as well as to deliver the complete installation services to FSRU Wilhelmshaven for the IQuay.

Fast-Flex, [transformed from a simple barge into an installation vessel](#), was selected to bring together all the equipment needed for the pipeline installation.

On September 13, the French company announced that Fast-Flex had loaded six TCP reels at Strohm's manufacturing facilities in Ijmuiden, Netherlands, three seafastened on deck and three inside RDS systems, that will be used to connect the FSRU Excelsior to the onshore site. Pre-trenching operations are next on schedule.



The Wilhelmshaven 2 LNG terminal is slated to kick off commercial operations in the second half of 2024. DET operates four LNG terminals on the German North Sea coast, including [Wilhelmshaven 1](#), [Brunsbüttel](#), Wilhelmshaven 2, and [Stade](#), both currently under construction.

KN Energies [was picked to carry out](#) the preparatory work for the technical operation of the Wilhelmshaven 2 LNG terminal, with Van Oord [responsible for the construction](#) of the FSRU jetty.

Germany's first floating terminal for importing LNG in Wilhelmshaven was officially [commissioned](#) for service in December 2022.

LIEN / [Geocean completes offshore work on second Wilhelmshaven LNG terminal in Germany - LNG Prime](#)

Geocean completes offshore work on second Wilhelmshaven LNG terminal in Germany

By **LNG Prime Staff**
September 12, 2024



French marine and offshore contractor, **Geocean**, a unit of VINCI Construction Grands Projets, has completed its contract awarded by Norwegian technology company EConnect Energy on the offshore part of the second FSRU-based LNG import project in Wilhelmshaven, Germany.

EConnect Energy has contracted **Geocean** to support them in installing the IQ Quay ready-to-use solution for importing LNG to Wilhelmshaven. Geocean completed its work on the LNG project after nearly seven months on site.

Strengthening Germany's energy security

In 2022, EConnect Energy signed a contract with FSRU Wilhelmshaven, a joint venture between Belgium-based Tree Energy Solution (TES) and France's Engie. After that, EConnect selected Geocean to execute the offshore work for the second LNG import terminal in Wilhelmshaven.

State-owned DET (Deutsche Energy Terminal GmbH), which was established by Germany's Federal Ministry for Economic Affairs and Climate Action in January 2023 to operate FSRU-based LNG terminals, is the general client for all works, Geocean said. The second Wilhelmshaven LNG project is one of the priority projects supported by Germany's LNG Acceleration Law, passed in May 2022, to strengthen Germany's energy security by 2025.

Besides this terminal, DET's FSRU-based LNG terminals include the operational Wilhelmshaven 1 and Brunsbüttel facilities as well as the terminal in Stade.

The German government, supported by Uniper, RWE, TES, and Engie, chartered four FSRUs to serve these facilities as the fastest solution to enable Germany to start importing LNG in a record time.

One of these FSRUs is the 2005-built 138,000-cbm, Excelsior, and this vessel will serve the second Wilhelmshaven terminal.

Unlike the three other three DET FSRU-based terminals, Excelsior is the only FSRU that will be located offshore, making this project a unique development.

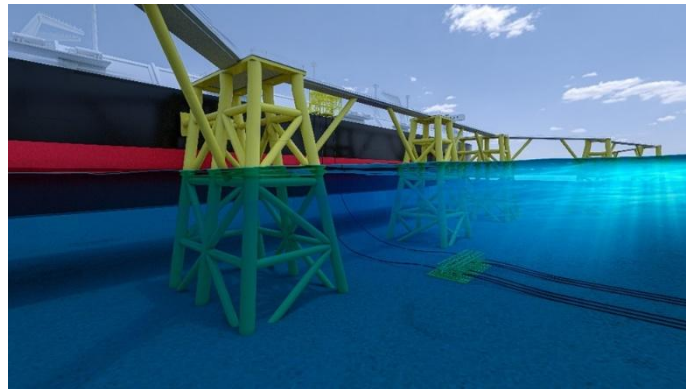
Excelsior will be moored at DET's new island jetty in Jade Bay and connected to the EConnect IQuay F-Class System.

This solution facilitates a rapid and reliable connection between the FSRU and the onshore facilities, reducing installation time and environmental impact.

FSRU anchoring and connection system

Geocean has worked with EConnect on designing and installing the pipeline connection from land to the FSRU, the anchoring system, and the subsea equipment.

The company installed these infrastructures 1.7km from the shore at a depth of 14m. Moreover, installation of Geocean's pipe system included 2 x 12" flexible hoses (60 m long), 2 x PLEM, 6 x 7" TCP pipe in a trench, assistance with FSRU connection and commissioning, and laying the power cable to supply the project with energy.



Geocean fast-flex solutions: a modular asset-free operating model

Geocean has developed four types of modular barges for an asset-free operating model:

- "Geocean Fast Pipe" Barge: for rigid pipeline laying
- "Geocean Fast Flex" Barge: adapted for flexible flowline laying
- "Geocean Fast Cable" Barge: for umbilical and power cable laying

- “Geocean Fast Support” Barge: for offshore lifting and pulling operations. These Geocean modular barge solutions, developed in-house, are tailored to the specific needs of each project and designed to streamline installation operations to be the most cost-effective to fit customer inquiries about complex offshore installation projects, Geocean said.

The company deployed its fast-flex barge solution for this project, which involved TCP pipe laying.

Geocean said the choice of the fast-flex barge solution emphasizes the project’s commitment to an execution plan marked by efficiency and solution tailor-made to fit the client’s need.



40 years of experience

Geocean previously worked on several offshore LNG terminals, including the Moheshkhali LNG terminal and the Summit FSRU terminal in Bangladesh.

This fast-track project marks a significant step in the company’s development of its capabilities for complex offshore installation services, Geocean said. The company has completed the complex fast-track project in Wilhelmshaven on time and under the highest offshore industry standards.

In addition, the key to success was found in Geocean team’s adaptability, cohesion, and expertise based on 40 years of complex marine projects track record delivered in the energy industry, Geocean concluded.

<https://en.portnews.ru/news/367707/>

GEOCEAN supports the installation of the IQuay ready-to use solution for importing LNG to Wilhelmshaven

2024 September 10 18:00





EConnect Energy has contracted **GEOCEAN** to support the installation of the IQuay ready-to use solution for importing LNG to Wilhelmshaven, according to GEOCEAN's release.

In collaboration with EConnect Energy, **GEOCEAN** embarked on the installation of the jettyless IQuay infrastructure and pipelines connecting the FSRU Excelsior directly to the German grid.

GEOCEAN implemented its **GEOCEAN** Fast-Flex barge solution, which combines all the equipment needed to install this gas pipeline.

<https://energycapitalpower.com/republic-of-congo-geocean-secures-marine-xii-flng-contract/>

Republic of Congo: Geocean Secures Marine XII FLNG Contract

Connect with us:     

📅 August 9, 2024



Marine contractor Geocean has secured a contract with energy technology company Wison New Energies to install a mooring system for the FLNG unit on the Marine XII LNG project, offshore the Republic of Congo.

The **contract includes** the installation of a submerged swivel and yoke system, anchored by three drilled piles and connected to the FLNG via a flexible riser. The mooring system is slated for completion in the first quarter of 2025.

Situated approximately 50 km from Pointe Noire, energy supermajor Eni's Marine XII project is set to produce 2.4 million metric tons of LNG annually. Production is expected to increase to 4.5 billion cubic meters per year by 2026, with LNG output used for both domestic consumption and export.

[Chinese firm taps French player for FLNG mooring job in Africa and boosts its fabrication capacity for floating facilities - Offshore Energy \(offshore-energy.biz\)](#)

Chinese firm taps French player for FLNG mooring job in Africa and boosts its fabrication capacity for floating facilities

PROJECT & TENDERS

July 24, 2024, by Melisa Čavčić

China-based clean energy services provider Wison New Energies (WNE) has handed out a transport and installation contract to France's marine contractor **GEOCEAN for a floating liquefied natural gas (FLNG) unit, destined to work on a project off the coast of Congo. In addition, the firm has struck a multi-year deal with a compatriot shipbuilding industry enterprise, which is set to expand its production and construction scale, enabling it to meet the surge in demand for floating natural gas facilities and clean energy solutions.**



FLNG model; Source: Wison New Energies

GEOCEAN's latest transport and installation contract win is taking it to Congo where it will install the mooring system for Eni's second FLNG unit on the **Marine XII block**, which is set to significantly enhance the African country's energy sector by producing LNG for domestic and export needs.

According to the French player, the project involves installing a submerged swivel and yoke system (SSY) anchored via three drilled piles and one flexible riser connecting the SSY to the FLNG around 50 km from Pointe Noire. With a production capacity of 2.4 million metric tons of gas per year, the unit can store 180,000 m³ of LNG and 45,000 m³ of LPG.

“The completion of the mooring system installation is in sight in the first quarter of 2025. The work highlights GEOCEAN’s advanced technical expertise and capability to deliver complex offshore alternative solutions. We are proud to contribute to this significant development in Congo’s energy infrastructure,” explained the firm.

Eni’s Congo LNG project, which aims to unlock gas resources of the Marine XII project with the installation of two FLNG units at the **Nenè** and **Litchendjili** fields, is designed to have an overall LNG production capacity of 3 million tons per year or approximately 4.5 billion cubic meters per year from 2025.

Congo entered the LNG exporters’ club in February 2024, after the first FLNG unit, known as **Tango** with 0.6 million tons per annum (mtpa) capacity, [began its LNG deliveries](#). With a capacity of 2.4 mtpa, the second unit, [currently under construction](#), is slated to be in operation by the end of 2025.

Congo-Brazzaville : la ruée vers l'or-gazier attire le français Geocean

<https://energia-africa.com/congo-brazzaville-la-ruée-vers-lor-gazier-attire-le-français-geocean/>

[Jules Boa](#) juillet 30, 2024

Le Congo-Brazzaville confirme son statut de nouvel eldorado gazier en Afrique. La société française Geocean vient de remporter un contrat stratégique dans le cadre de l'ambitieux projet Congo LNG, piloté par Eni.

Geocean a été mandatée par Wison New Energies pour assurer le transport et l'installation d'un système d'amarrage essentiel pour une nouvelle plateforme flottante de liquéfaction de gaz naturel (FLNG). Ce système garantira la stabilité de la plateforme, condition sine qua non pour des opérations sûres et efficaces.

Ce projet d'envergure vise à propulser la production de gaz naturel liquéfié (GNL) du Congo-Brazzaville. La phase 2 de Congo LNG devrait permettre d'atteindre une production annuelle de 2,4 millions de tonnes, soit plus du double de la capacité actuelle. L'implication de **Geocean** et d'autres acteurs internationaux confirme l'attractivité du potentiel gazier congolais. Ce projet consolide la position du pays sur le marché mondial de l'énergie et ouvre la voie à de nouveaux investissements et partenariats stratégiques.

Grâce à ses technologies de pointe et à ses partenariats internationaux, le projet Congo LNG marque un tournant dans l'exploitation durable et efficace des ressources gazières du pays. Il témoigne de la confiance des investisseurs dans le potentiel du Congo-Brazzaville à devenir un acteur majeur du GNL. Le secteur gazier congolais a le pouvoir de dynamiser l'économie et de créer des emplois. Toutefois, il est crucial que ces projets soient menés de manière responsable, en respectant l'environnement et les droits des communautés locales, afin de garantir un développement durable et équitable.

TAGGED:[Congo-Brazzaville, or-gazie](#)

Lien : [Geocean participe à la phase 2 du projet Congo LNG en Afrique : un nouveau succès pour le gaz en Congo-Brazzaville - Benin Times Info](#)

Geocean participe à la phase 2 du projet Congo LNG en Afrique : un nouveau succès pour le gaz en Congo-Brazzaville

by [Marie Obasandjo, BeninTimes.info](#) 29 juillet 2024

Le Congo-Brazzaville se distingue par son potentiel gazier en plein essor, attirant l'attention de nombreux investisseurs internationaux, notamment de grandes entreprises françaises. Vendredi dernier, des informations ont circulé sur l'engagement de Geocean, une société maritime française, dans la phase 2 du projet Congo LNG dirigé par Eni.

Geocean a remporté un contrat avec la société chinoise Wison New Energies pour transporter et installer un système d'amarrage pour une nouvelle plateforme flottante de liquéfaction de gaz naturel (FLNG). Ce système vise à stabiliser la plateforme malgré les mouvements marins, assurant ainsi une opération sécurisée et efficace.

Ce projet d'envergure est crucial pour le développement du secteur gazier congolais. La phase 2 de Congo LNG vise à augmenter significativement la production de gaz naturel liquéfié (GNL) du pays. À terme, le projet devrait produire environ 2,4 millions de tonnes de GNL par an, plus du double du volume actuel de un million de tonnes de GNL par an.

L'implication de **Geocean** et d'autres entreprises internationales dans ce projet met en lumière l'attrait du potentiel gazier du Congo-Brazzaville. Cela représente non seulement une opportunité économique pour le pays, mais renforce également sa position sur le marché mondial de l'énergie. La réussite de ce projet pourrait ouvrir la voie à d'autres investissements et collaborations internationales, contribuant ainsi à la croissance et à la diversification de l'économie congolaise.

De plus, la participation d'entreprises telles que **Geocean** témoigne de la confiance des investisseurs dans le potentiel du Congo-Brazzaville à devenir un acteur majeur dans le domaine du gaz naturel liquéfié. Le projet Congo LNG, avec ses avancées technologiques et ses partenariats internationaux, constitue une avancée significative vers une exploitation durable et efficace des ressources gazières du pays.

Le secteur gazier au Congo-Brazzaville pourrait avoir des retombées positives sur le plan social et économique. Avec une vision appropriée, il pourrait créer des emplois et stimuler d'autres secteurs de l'économie. Cependant, il est crucial que ces projets respectent les normes environnementales et les droits des communautés locales pour garantir un développement équilibré et durable.

https://lanouvelletribune.info/2024/07/gaz-en-afrique-ce-groupe-francais-se-frotte-les-mains/#google_vignette

Gaz en Afrique : ce groupe français se frotte les mains

Amos Traoré- 29/07/2024

Le **Congo-Brazzaville**, se distingue par son potentiel gazier croissant, attirant l'intérêt de nombreux investisseurs internationaux, dont plusieurs grandes entreprises françaises.

Ce vendredi 26 juillet, des informations ont été relayées concernant l'engagement de **Geocean**, une compagnie maritime française, dans le cadre de la **phase 2 du projet Congo LNG, piloté par Eni**.

Geocean a été sélectionnée pour un contrat par la société chinoise **Wison New Energies**, dans le but de transporter et d'installer un système d'amarrage pour une nouvelle plateforme flottante de **liquéfaction de gaz naturel (FLNG)**. Ce système est conçu pour stabiliser la plateforme malgré les mouvements marins, garantissant ainsi une opération sûre et efficace.

Ce projet de grande envergure est crucial pour l'expansion du secteur gazier congolais. La phase 2 de Congo LNG vise à augmenter considérablement la production de **gaz naturel liquéfié (GNL)** du pays. À terme, il est prévu que le projet produise environ **2,4 millions de tonnes de GNL par an**, soit plus du double du volume actuellement produit, qui est d'un million de tonnes de GNL par an.

L'implication de Geocean et d'autres entreprises internationales dans ce projet souligne l'attractivité du potentiel gazier du Congo-Brazzaville. Ce projet est non seulement une opportunité économique pour le pays, mais il renforce également sa position sur le marché mondial de l'énergie. Son succès pourrait ouvrir la voie à d'autres **investissements et collaborations internationales**, contribuant ainsi à la croissance et à la diversification de l'économie congolaise.

En outre, la participation d'entreprises comme **Geocean** témoigne de la confiance des investisseurs dans le potentiel du Congo-Brazzaville à devenir un acteur majeur dans le secteur du gaz naturel liquéfié. Le projet Congo LNG, avec ses avancées technologiques et ses partenariats internationaux, représente un pas important vers l'exploitation durable et efficace des ressources gazières du pays.

Le secteur gazier au Congo-Brazzaville pourrait avoir des répercussions positives sur le plan social et économique. Avec une bonne vision, il est en mesure de créer des emplois en stimulant d'autres secteurs de l'économie. Cependant, il est essentiel que ces projets soient menés dans le respect des normes environnementales et des droits des communautés locales pour assurer un développement équilibré et durable.

Lien : [French player lands key contract on Eni's Congo FLNG project | Upstream \(upstreamonline.com\)](#)

French player lands key contract on Eni's Congo FLNG project

Geocean will install a submerged swivel and yoke system and flexible riser for the project

Asia Correspondent Singapore
Published 26 July 2024, 11:11

French marine company Geocean has signed a contract with China's Wison New Energies to transport and install the mooring system for a floating liquefied natural gas vessel destined for Eni Congo LNG project in Congo-Brazzaville.

Phase one of the Italian major's liquefaction scheme is already producing LNG via its Tango floating LNG vessel which has a capacity of 1 million tonnes per annum. Phase two involves Wison's 2.4 million tpa capacity FLNG vessel.

Geocean will be responsible for installing a submerged swivel and yoke system anchored via three drilled piles and connected to the FLNG vessel via a single flexible riser.

<https://www.offshore-energy.biz/installation-jobs-for-germanys-wilhelmshaven-2-lng-terminal-go-to-norwegian-and-french-firms/>

Installation jobs for Germany's Wilhelmshaven 2 LNG terminal go to Norwegian and French firms

PROJECT & TENDERS

June 14, 2024, by Melisa Čavčić

Deutsche Energy Terminal (DET), Germany's state-owned operator of four terminals, is moving forward with its second liquefied natural gas (LNG) terminal in Wilhelmshaven. To this end, Norway's technology company EConnect Energy has been hired to install a jettyless ready IQ Quay solution for LNG import to Wilhelmshaven. Thanks to this, the Norwegian player has tapped France's marine contractor GEOCEAN for subsea installation work.



FSRU Excelsior; Source: Excelerate

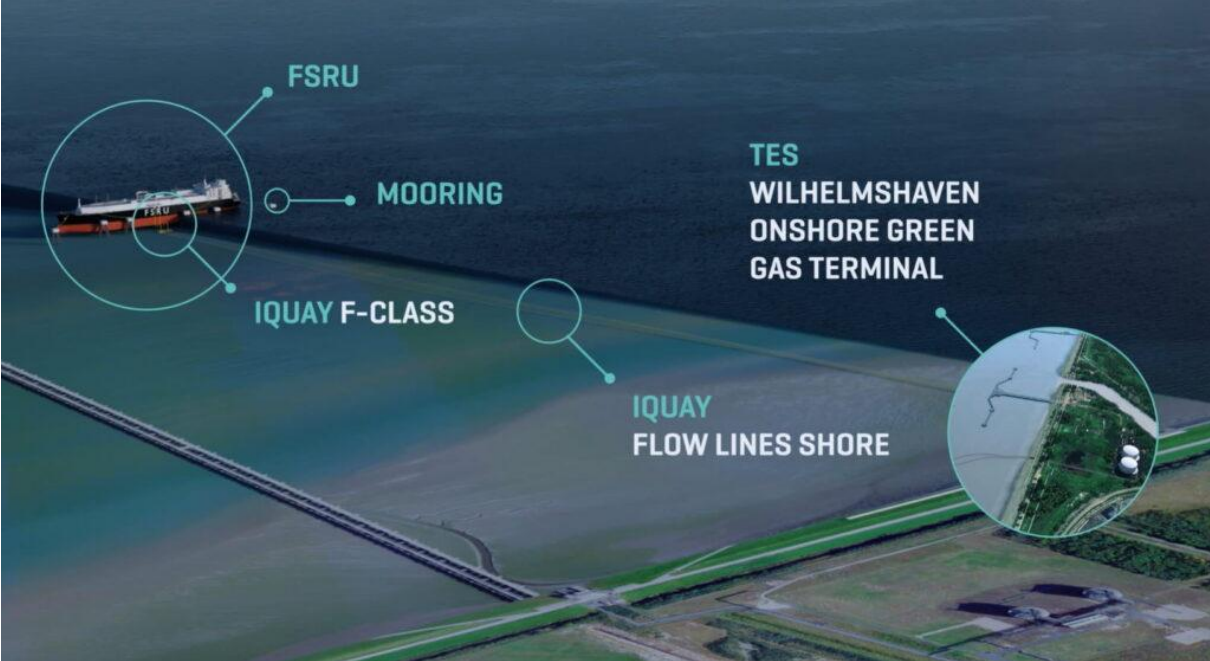
In the aftermath of the energy crisis, spurred by the Ukraine crisis in 2022, energy became the king on the global scene. In response to a potential gas crunch, Germany took steps to bolster energy security by 2025 with its [LNG Acceleration Law](#) in May 2022.

Afterward, the German Federal Ministry of Economics and Climate Protection picked **Tree Energy Solution (TES)** and **ENGIE** in early September 2022 to develop and implement a second LNG floating storage regasification unit (FSRU) in Wilhelmshaven to address energy security needs in the country and Europe.

The Wilhelmshaven 2 LNG terminal is on the list of priority projects supported by the LNG Acceleration Law, as it is said to be strategically positioned to import a relevant amount of Germany’s natural gas demand and play an important role in future decarbonization efforts from 2025.

FSRU Wilhelmshaven, a joint venture between TES and ENGIE, has inked a contract for installation works with EConnect Energy, following the execution of the supply contract, signed in 2022, for which the Norwegian firm is currently in the final phase of delivering the jettyless ready IQuay solution for the new offshore jetty at Wilhelmshaven.

While welcoming the contract award, **Morten Christophersen**, CEO at EConnect Energy, said: *“We are excited to take on the second phase of the Wilhelmshaven project to include the installation scope and build upon the momentum of the system delivery.”*



The EConnect IQuay F-Class System used at Wilhelmshaven; Source: EConnect
Furthermore, EConnect’s delivery will enable the transfer between the FSRU **Excelsior**, owned by the U.S.-based Excelerate Energy, and shore. With an LNG capacity of 138.000 cbm, the FSRU is expected to be moored at DET’s new island jetty in Jade Bay during the second half of 2024. After vaporization, natural gas will be sent to shore via the Norwegian firm’s IQuay F-Class System and fed into the Open Grid Europe (OGE) gas grid.

The company has selected GEOCEAN to carry out the fast-track installation project, which is seen as a way to enhance Germany’s energy infrastructure and security. Thanks to this, the

French firm will be in charge of the on-site subsea installation of 6 x 1,600m long thermo composite pipes (TCP) flowlines, two pipeline end manifold (PLEMs), associated risers, one power and one 1,800 m fiber optic cable with its FAST-FLEX barge solution to streamline installation operations.

These deals come only weeks after KN Energies was [picked to carry out](#) the preparatory work for the technical operation of the Wilhelmshaven 2 LNG terminal by setting up an operational company in Germany, an engineering team, and preparing the terminal's technical operating documentation.

OMNI Features | Installation of Germany's Wilhelmshaven 2 LNG Terminal Assigned to Norwegian and French Companies Firms · Equinor and GRTgaz Sign PDA to Develop CO2 Transport Infrastructure in France · 2H and Vekta Group forge Partnership to Enhance Offshore Wind Cable Innovation

| Installation of Germany's Wilhelmshaven 2 LNG Terminal Assigned to Norwegian and French Companies Firms

Deutsche Energy Terminal (DET), Germany's state-owned operator of four terminals, is moving forward with its second liquefied natural gas (LNG) terminal in Wilhelmshaven. To this end, Norway's technology company [EConnect Energy](#) has been hired to install a jettyless ready [IQuay solution](#) for LNG import to Wilhelmshaven. EConnect Energy has tapped France's marine contractor [GEOCEAN](#) for subsea installation work.

In the aftermath of the energy crisis, spurred by the Ukraine crisis in 2022. In response to a potential gas crunch, Germany took steps to bolster energy security by 2025 with its LNG Acceleration Law in May 2022. The Wilhelmshaven 2 LNG terminal is on the list of priority projects supported by the LNG Acceleration Law. Afterward, the German Federal Ministry of Economics and Climate Protection picked Tree Energy Solution (TES) and ENGIE in early September 2022 to develop and implement a second LNG Floating Storage Regasification Unit (FSRU) in Wilhelmshaven to address energy security needs in the country and Europe.

FSRU Wilhelmshaven, a joint venture between TES and ENGIE, has inked a contract for installation works with EConnect Energy, following the execution of the supply contract, signed in 2022, for which the Norwegian firm is currently in the final phase of delivering the jettyless ready IQuay solution for the new offshore jetty at Wilhelmshaven. Furthermore, EConnect's delivery will enable the transfer between the FSRU Excelsior, owned by the U.S.-based Excelerate Energy, and shore. With an LNG capacity of 138.000 cbm, the FSRU is expected to be moored at DET's new island jetty in Jade Bay during the second half of 2024. After vaporization, natural gas

will be sent to shore via the Norwegian firm's IQuay F-Class System and fed into the Open Grid Europe (OGE) gas grid.

| Equinor and GRTgaz Sign PDA to Develop CO2 Transport Infrastructure in France

Equinor and main French gas transmission operator GRTgaz sign Project Development Agreement (PDA) for a CO2 transport system for captured CO2 from industrial emitters in France to safe and permanent storage offshore Norway via the planned **CO2 Highway Europe** pipeline project.

Specifically, GRTgaz will develop a 30 km onshore pipeline network in the Dunkirk region, a compressor station in Dunkirk sending the CO2 into the offshore pipeline connecting to the CO2 Highway Europe. The capacity in the initial phase will be 3 to 5.5 million tonnes of CO2 per year, and the capacity can be expanded to also accommodate CO2 captured at other industrial clusters in France.

The development will consist of a network of onshore CO2 pipelines, to be developed by GRTGaz, which will connect France's Dunkirk industrial area to Equinor's CO2 Highway Europe, a large-scale CO2 pipeline being planned by Equinor also connecting Zeebrugge, Belgium to a portfolio of storage sites under the seabed offshore Norway.

| 2H and Vekta Group Forge Partnership to Enhance Offshore Wind Cable Innovation

2H and Vekta Group Energy Division Ltd have entered into a strategic partnership to advance high-voltage cable services for offshore wind developments. The collaboration was formalized with a memorandum of understanding (MOU) signed earlier this month. The MOU outlines a framework for both companies to work together on offshore wind high-voltage cable initiatives, project tenders, and software development in the renewables industry, both in the UK and globally.

The partnership aims to drive innovation in cable system design and optimise offshore wind site layouts, as well as promote digital advancements through new software initiatives. 2H, known for its expertise in advanced engineering for fixed and floating wind projects, brings experience in structural, hydrodynamic, and geotechnical engineering, along with related digital and integrity services. Vekta, specialising in electrical engineering for high-voltage cables in offshore renewables, offers expertise in sizing, array topology optimisation, lifecycle costing, and loss assessments.

[Reference: Offshore Energy | Equinor | 4C Offshore](#)