



Réseau Gazier
du Sénégal

Sénégal
2050



République du Sénégal

Un Peuple • Un But • Une Foi

**MINISTÈRE DE L'ÉNERGIE,
DU PÉTROLE ET DES MINES**

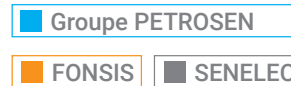
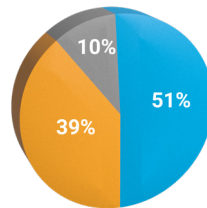


Réseau Gazier
du Sénégal

Presentation

Réseau Gazier du Sénégal (RGS S.A.) is a majority state-owned company created in 2019 by the Government of Senegal.

Shareholders



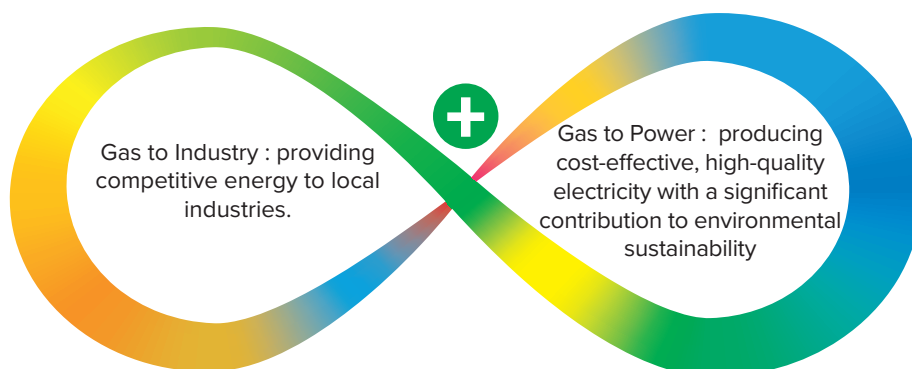
RGS's Mission

RGS S.A. conducts engineering, studies, construction, operation, maintenance and development of the national gas pipeline network, which connects natural gas production sites (GTA, Yakaar-Teranga, and Sangomar) to consumption sites such as SENELEC power plants, independent power producers and industries.

Implemented Strategies

Aligned with the National Transformation Agenda, RGS's strategy is based on two complementary pillars :

- **Gas to Power** : Using natural gas to generate electricity in power plants. The goal is to replace fossil fuel sources like coal or heavy fuel oil with a more cost-effective, high-quality and environmentally friendly energy supply source.
- **Gas to Industry** : Using natural gas as an energy source to power industries, enhancing industrial competitiveness by reducing production costs and carbon footprints while supporting local economic growth.



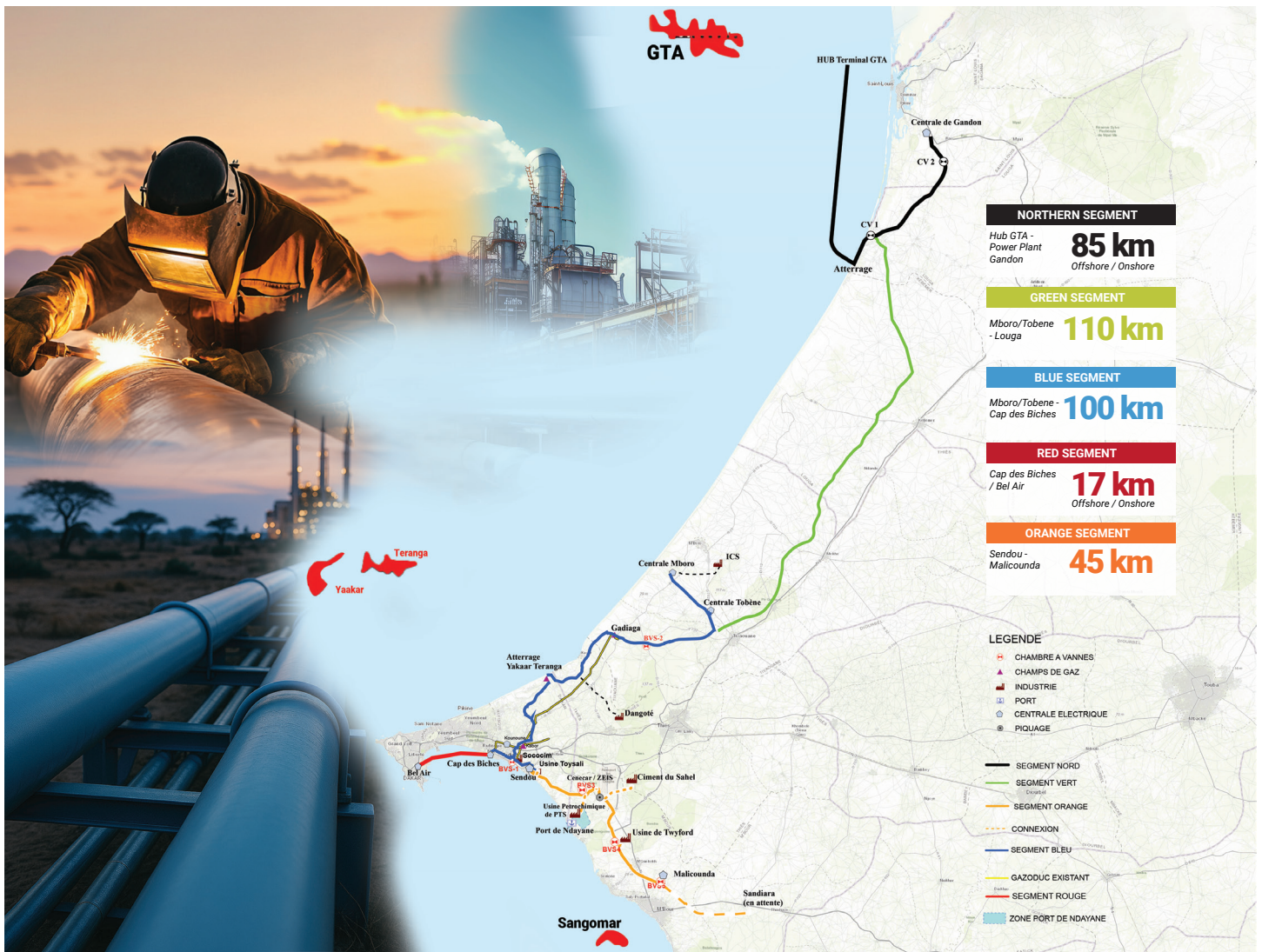
OBJECTIVES

With approximately 400 km gas pipeline network, RGS contributes to Senegal's energy transition by aiming to :

- Reduce energy costs for households and industries.
- Develop sustainable infrastructure that meets international standards.
- Reduce dependence on petroleum and other fossil fuel imports.
- Reduce CO₂ emissions by 30 million tons by 2050.
- Promote local content in compliance with national regulations.
- Support industrial growth by ensuring a reliable energy supply.



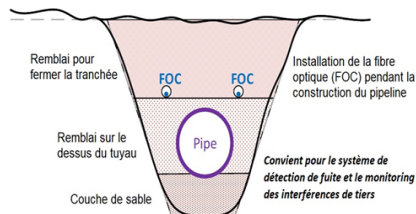
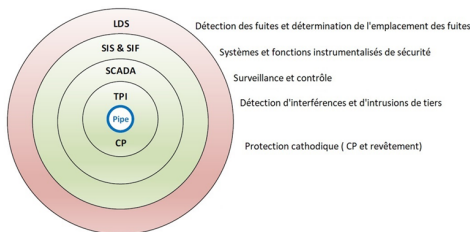
Gas pipeline network to support the implementation of "**Gas to Power**" and "**Gas to Industry**" strategies.



SAFETY

RGS S.A ensures a safe and reliable gas network through multiple protection measures :

- **Robust design** : Pipelines are buried 1.2 to 1.5 meters deep in compliance with international standards.
- **Corrosion protection** : A cathodic protection (CP) system to preserve pipeline integrity.
- **Monitoring and prevention** : Third-party interference TPI detection PREVENTS damage from uncontrolled excavation work.
- **Automation and control** : SCADA, SIS & SIF system ensuring optimal operating conditions.
- **Leak detection and rapid response** : Immediate localisation minimizes environmental and safety risks.



ENVIRONMENTAL AND SOCIAL COMMITMENT



RGS S.A. is committed to balancing gas network development with community and environmental protection through :

- **Environmental impact studies** : comprehensive analysis of environmental and social effects before each project.
- **Resettlement and compensation plans** : Appropriate measures to

assist affected populations.

- **Stakeholder consultation** : Ongoing dialogue with communities and local authorities to tailor actions to their needs.
- **Environmental protection** : Implementation of strategies adapted to local contexts.
- **Long-term commitment** : Building strong relationships with local populations to foster mutual development.



OUR PROJECTS



Northern Segment



300 MMSCFD



Estimated Project Cost

275 millions €



Length : 85 Km

Objective :

- Designed to transport offshore natural gas (GTA Hub) to Senegalese coasts, supply power plants in Northern Senegal, and feed the Green Segment, which connects to consumption points in the central part of the country.

Total Length : 85 km

- Offshore Section : 45 km
 - Route : From GTA Hub to Landing Point at Léona (Louga)
 - Capacity: 300 MMSCFD
- Onshore Section : 40 km

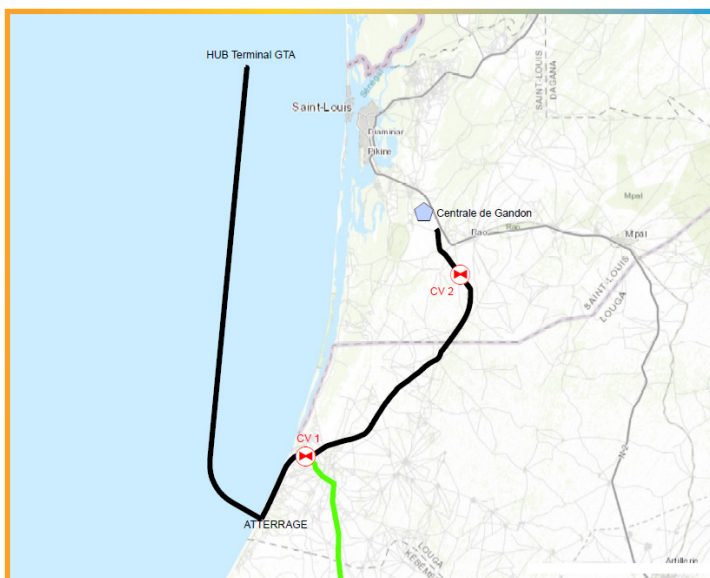
Segment 1 : 8 km

- Route : From Landing Station at Léona (Louga) to Block Valve station 01
- Capacity : 300 MMSCFD

Segment 2 : 32 km

- Route : From Block valve station 01 to Gandon Power Plant
- Capacity : 75 MMSCFD

Areas Crossed : Saint-Louis and Louga Departments



Estimated Project Cost : 275 millions €

Project Status :

- Studies 100% completed : FEED (Front End Engineering Design), ESIA (Environmental and Social Impact Assessment), and RAP (Resettlement Action Plan)
- Financing : EPC+F confirmed
- Contracting Signed : 29th April 2025
- Planned Implementation Start : Q2-2025
- Planned Commissioning : 2-2026



Green Segment



300 MMSCFD



Estimated Project Cost

183 millions €



Length : **110Km**

Objective :

- Transport additional gas from GTA to power plants in central and southern Senegal (Mboro, Tobène, Cap des Biches, Sendou, Malicounda).
- Ensure interconnection between the North and Central networks to facilitate gas flow between GTA and Yakaar-Téranga fields.
- Enhance energy security by supplying SENELEC power plants and potential Independent Power Producers (IPPs).

Total Length : 110 km (From Block Valve Station Chamber 01 of the Northern Segment to the Blue Segment Tie in point)

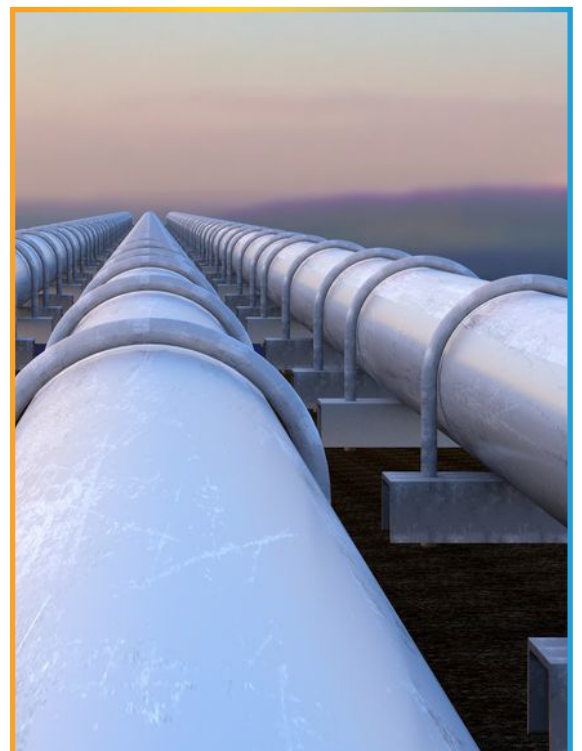
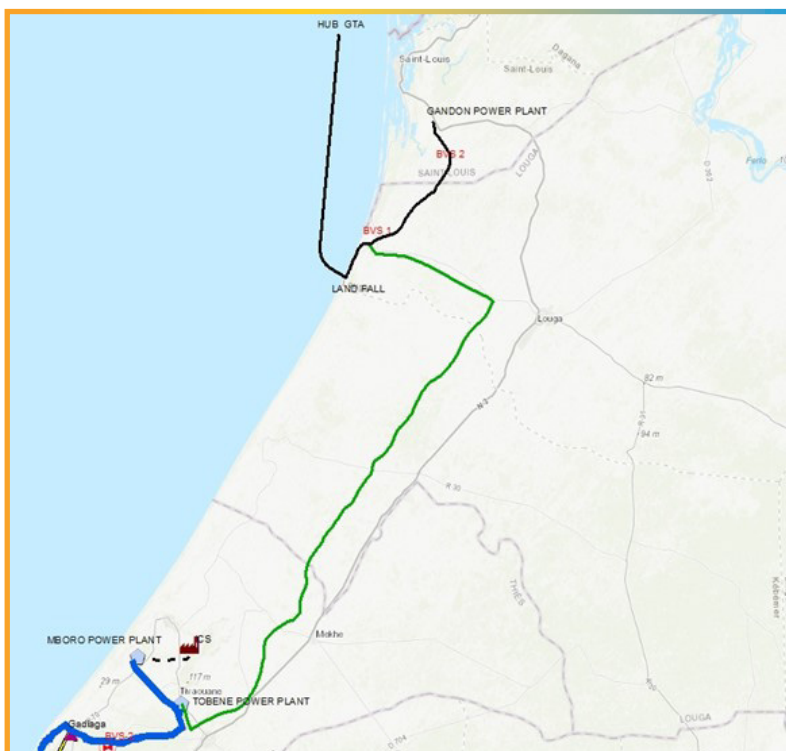
Capacity : 300 MMSCFD

Areas Crossed : Louga, Kébémér, and Tivaouane Departments

Estimated Project Cost : 183 millions €

Project Status :

- Studies:
 - Technical- FEED (Front End Engineering Design): Expected completion by Q4-2025
 - ESIA (Environmental and Social Impact Assessment) & RAP (Resettlement Action Plan): Expected completion by Q4-2025
- Financing: To be defined and finalized by Q4-2025
- Planned Implementation Start: 2026
- Planned Commissioning: 2027



Blue Segment



713 MMSCFD



Estimated Project Cost

214 millions €



Length : 100 Km

Objective :

- Supply Senelec power plants and IPPs in the central zone.
- Provide gas supply for some local industries.

Total Length : 100 km

- Sub-Segment 1 : 32 km (From Yakaar-Téranga processing plant to Cap des Biches Power Plant, including Block Valve Station BVS-01)
- Sub-Segment 2 : 6 km (From Block Valve Station 01 to Sendou Power Plant)
- Sub-Segment 3 : 62 km (From Yakaar-Téranga processing plant to Mboro and Tobène Power Plants, including Block Valve Station BVS-02)

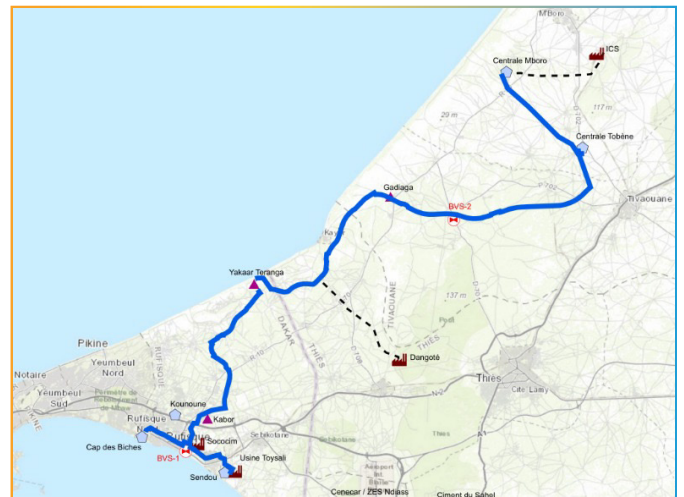
Capacity : 713 MMSCFD

Areas Crossed : Tivaouane, Rufisque, and Thiès Departments

Estimated Project Cost : 214 millions €

Project Status :

- Studies 100% completed: FEED (Front End Engineering Design), ESIA (Environmental and Social Impact Assessment), and RAP (Resettlement Action Plan)
- Financing : To be defined and finalized by Q4-2025
- Planned Implementation Start : 2026
- Planned Commissioning : 2027



Orange Segment



300 MMSCFD



Estimated Project Cost

153 millions €



Length : 45 Km

Objective :

- Transport natural gas from the Blue Segment (originating from Yakaar-Téranga, GTA and potentially Sangomar oil field).
- Enhance gas supply to power plants and industries.

Total Length : 45 km (From Sendou Power Plant (Rufisque) to Malicounda Power Plant (Mbour)).

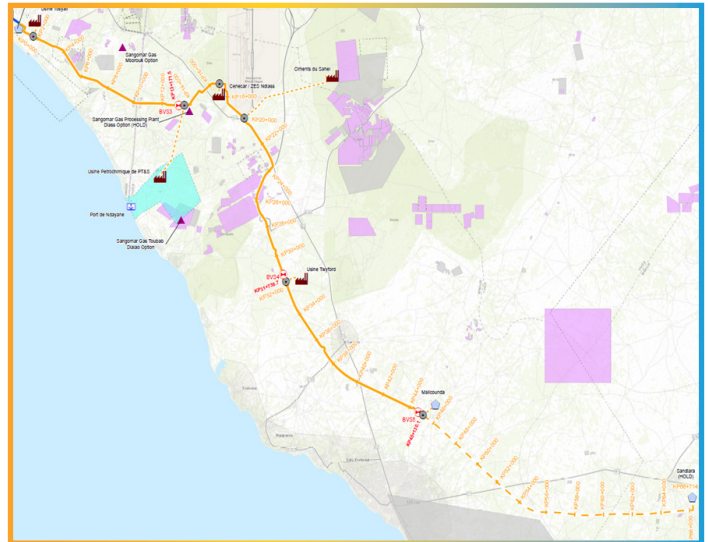
Sub-Segments :

- 5 km (From the main pipeline to PETROSEN Trading & Services delivery station).
- 7 km (From the main pipeline to Ciments du Sahel delivery station).

Capacity : 300 MMSCFD

Areas Crossed : Rufisque and Mbour Departments

Estimated Project Cost : 153 millions €



Project Status :

- Studies 100% completed: FEED (Front End Engineering Design), ESIA (Environmental and Social Impact Assessment), and RAP (Resettlement Action Plan)
- Financing: To be defined and finalized by Q4-2025
- Planned Implementation Start : 2026
- Planned Commissioning : 2027



Red Segment



150 MMSCFD



Estimated Project Cost

150 millions €



Length : 17 Km

Objective :

Supply the BEL AIR power plant with natural gas from the Blue Segment

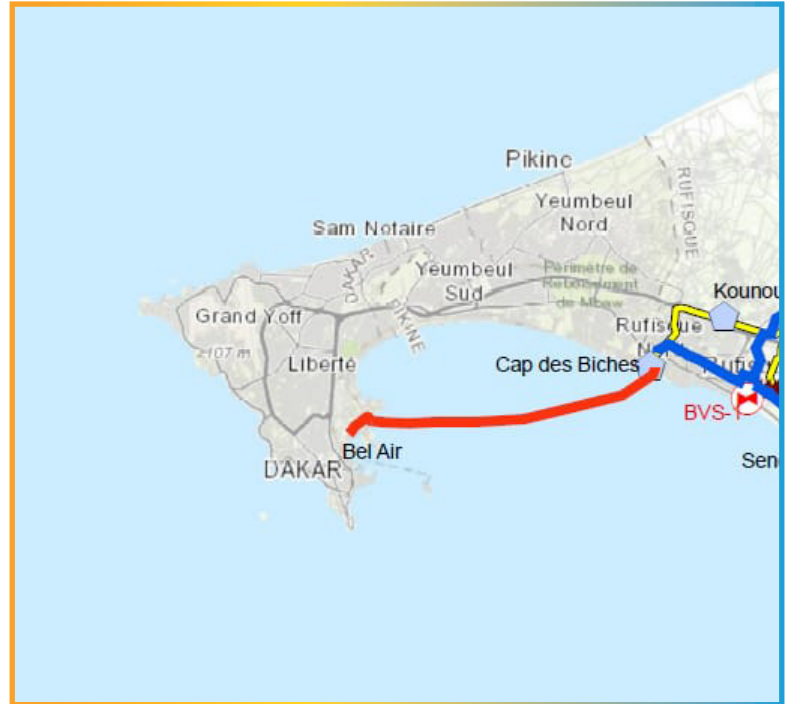
Length : 17 km (15 km offshore and 2 km onshore)

Areas crossed : Bay of Hann, industrial zone

Estimate project cost : 150 millions €

Project status :

- Studies completed : To be launched
- Financing : TBD
- Target start of implementation : 2026
- Target commissioning : 2027
- Capacity : 150 MMSCFD





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