

تاریخ: ۱۴۰۳/۰۱/۱۵  
شماره: ۱۴/۲۰۷/ص  
پیوست: دارد



تشخیص اصالت نامه

اتاق بازرگانی، صنایع، معادن و کشاورزی ایران

Iran Chamber of Commerce, Industries, Mines & Agriculture



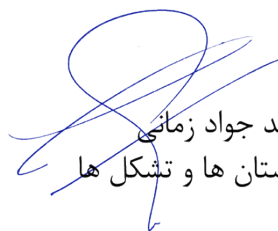
باسمه تعالی

جهش تولید با مشارکت مردم

رؤسای محترم تشکل های اقتصادی وابسته به اتاق ایران

با سلام

احتراماً طبق اطلاع واصله از معاونت بین الملل اتاق ایران، یک شرکت سنگالی درخواست مشارکت و همکاری شرکتهای ایرانی در اجرای پروژه شبکه خطوط لوله گاز سنگال را اعلام نموده است. ضمن ارسال نسخه انگلیسی امکان سنجی طرح مذکور، خواهشمند است دستور فرمائید نسبت به اطلاع رسانی موضوع به اعضای محترم تشکل اقدام لازم صورت پذیرد.

  
سید جواد زمانی  
معاون استان ها و تشکل ها

تهران - کد پستی: ۱۵۸۳۶۴۸۴۹۹ - خیابان طالقانی، نبش خیابان شهید موسوی (فرصت)، شماره ۱۷۵

صندوق پستی: ۴۶۷۱-۱۵۸۷۵ تلفن: ۸۵۷۳۰۰۰۰ دورنگار: ۸۵۷۳۳۳۳۳۳ info@iccima.ir www.iccima.ir



INTERCERT  
ISO 9001:2015  
Certificate Nr. 20-QA04-1002501-MTIC



Réseau Gazier  
du Sénégal

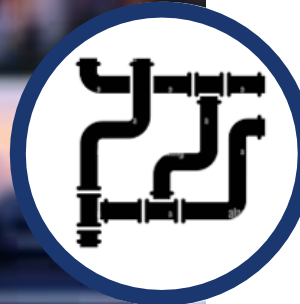
# **RESEAU GAZIER DU SENEGAL (RGS) & GAS PIPELINES NETWORK PROJECT**

January 2024

# SUMMARY



RESEAU GAZIER DU SENEGAL SA. (RGS SA. )



GAS PIPE NETWORK

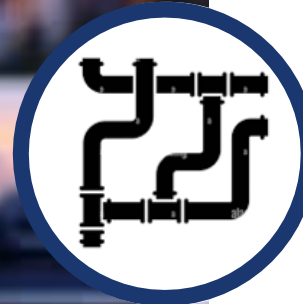


OUTLOOK

# SUMMARY



RESEAU GAZIER DU SENEGAL  
SA. (RGS SA. )

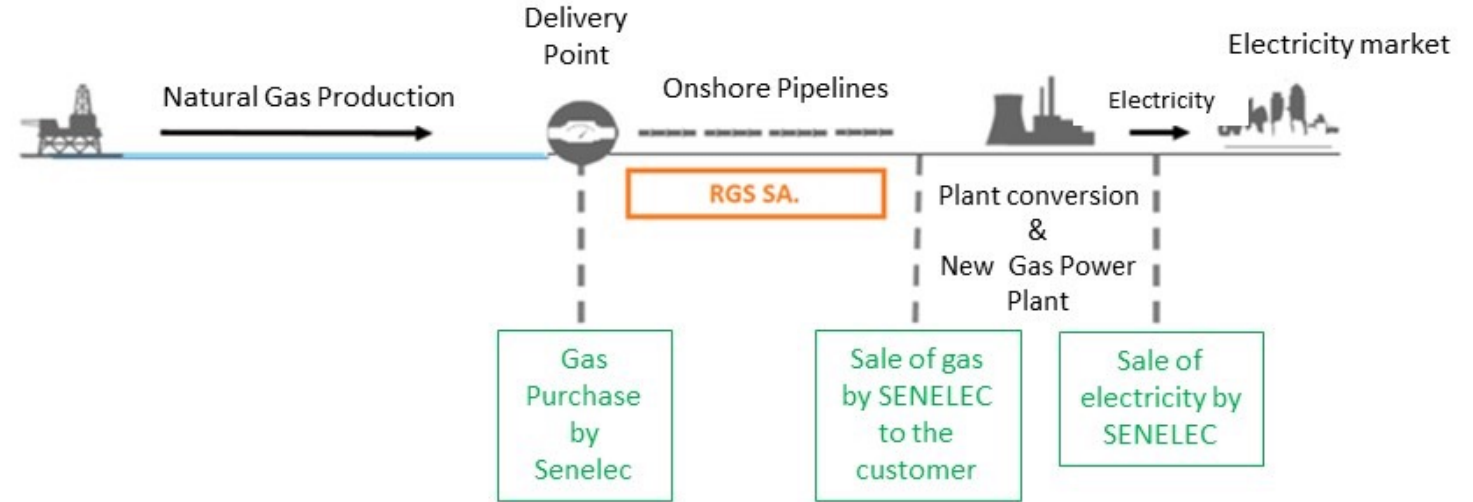


GAS PIPE NETWORK



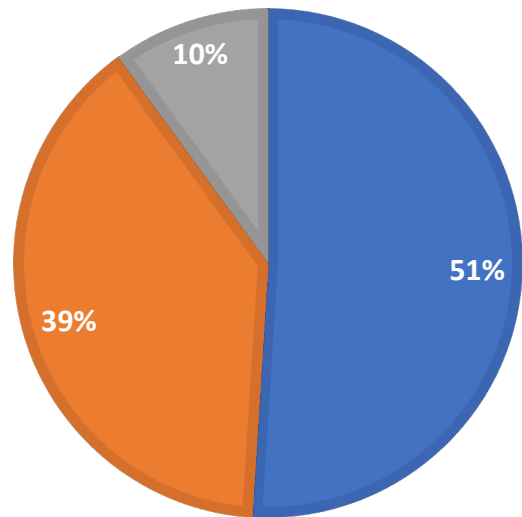
OUTLOOK

Date of creation → November 2019



## SHAREHOLDERS

PETROSEN   FONSIS   SENELEC



## STUDIES, CONSTRUCTION & EXPLOITATION

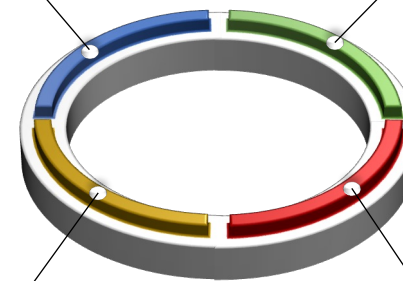
- Operation
- Maintenance

## TRANSPORT

- Gas
- Associated products

## STORAGE

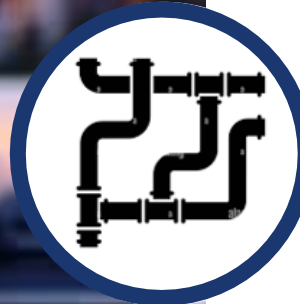
## DISTRIBUTION



# SUMMARY



RESEAU GAZIER DU SENEGAL SA. (RGS SA. )



GAS PIPE NETWORK



OUTLOOK



# GAS PIPES NETWORK

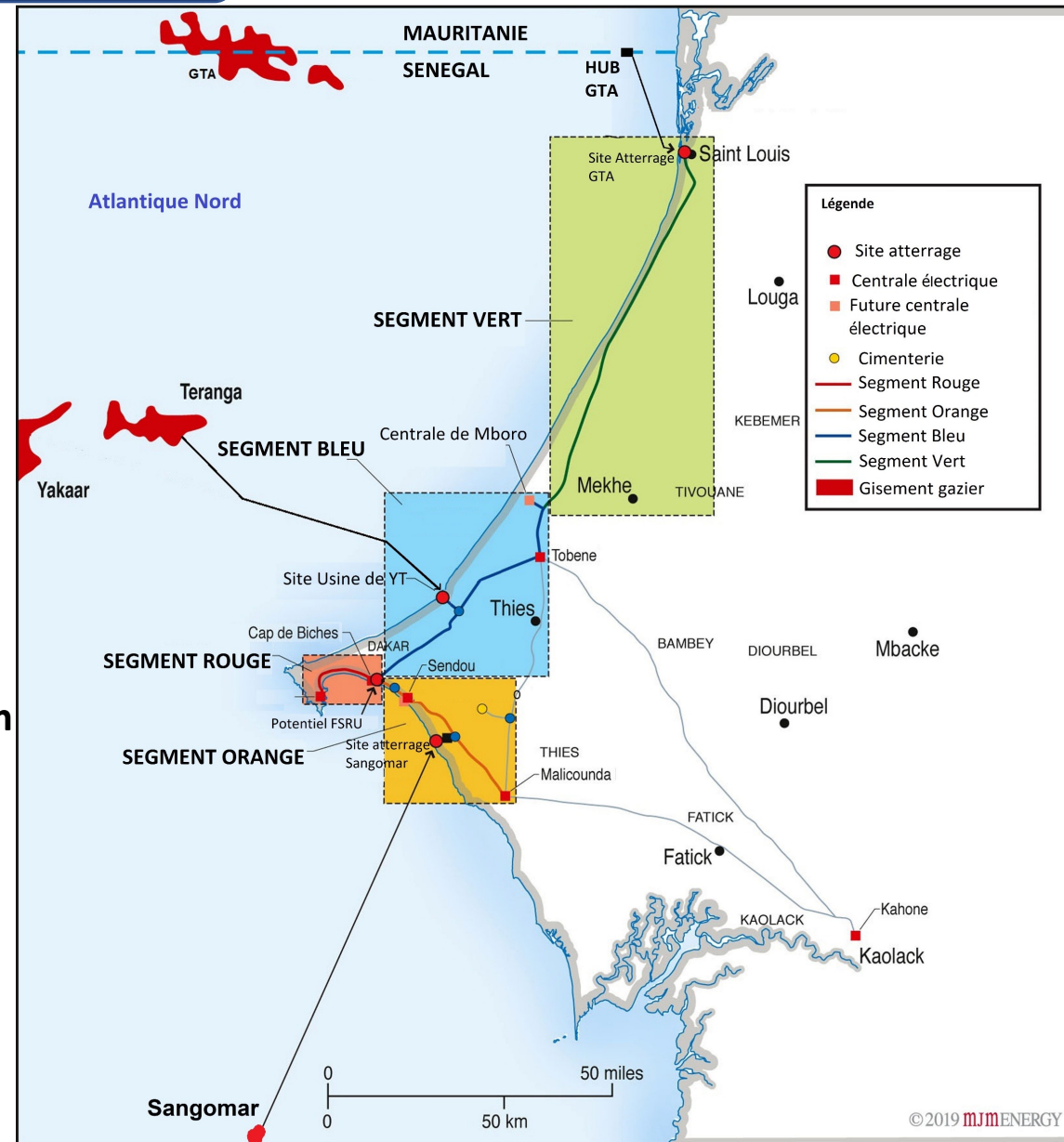


❑ Blue Segment : Mboro/Tobene – Cap de Biches: 92 km

❑ Orange Segment : Sendou– Malicounda : 65 km

❑ Green Segment : Mboro – Saint Louis – 155 km

❑ North Segment : Hub Gas from GTA to Gandon Power Plant – 86 km

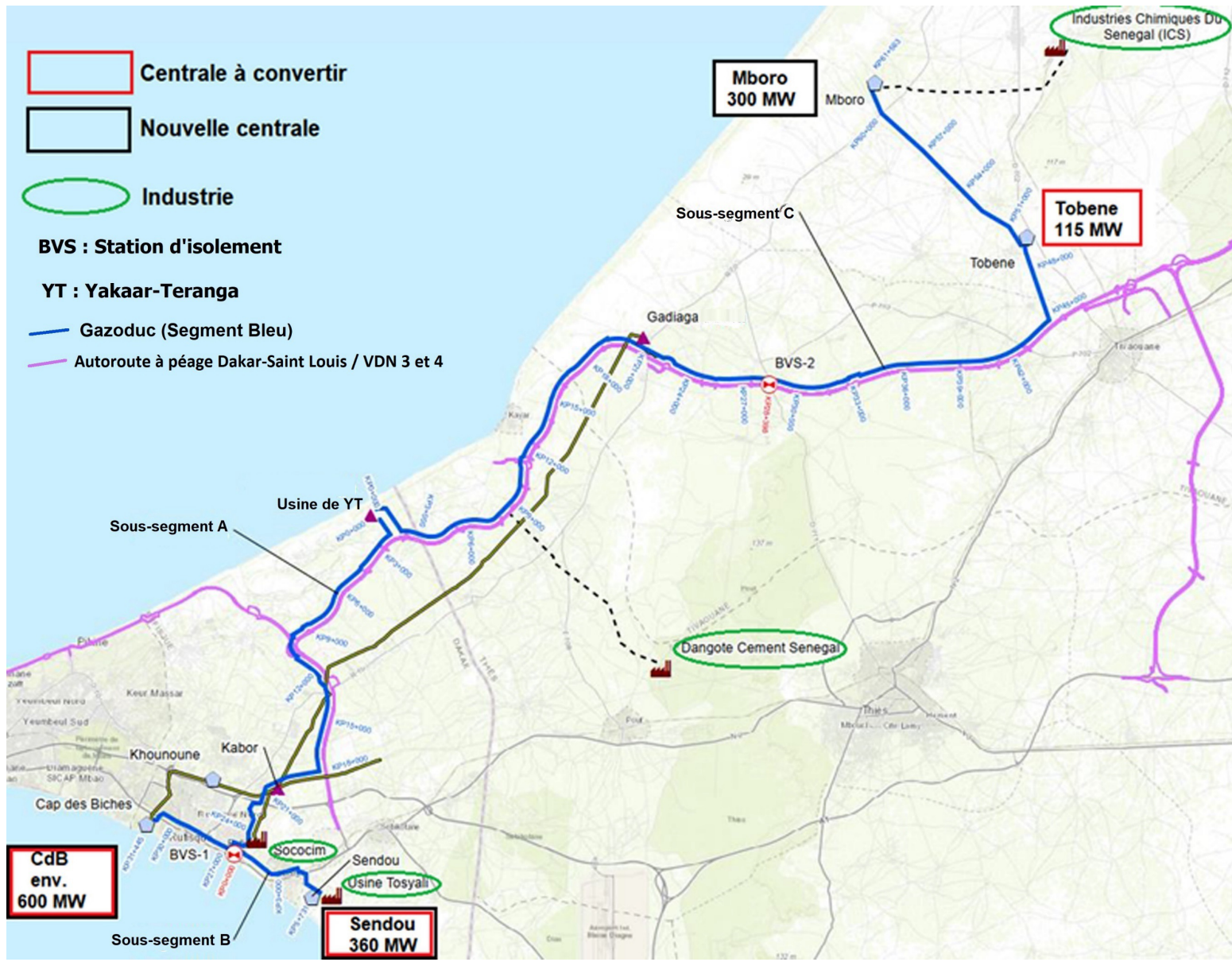
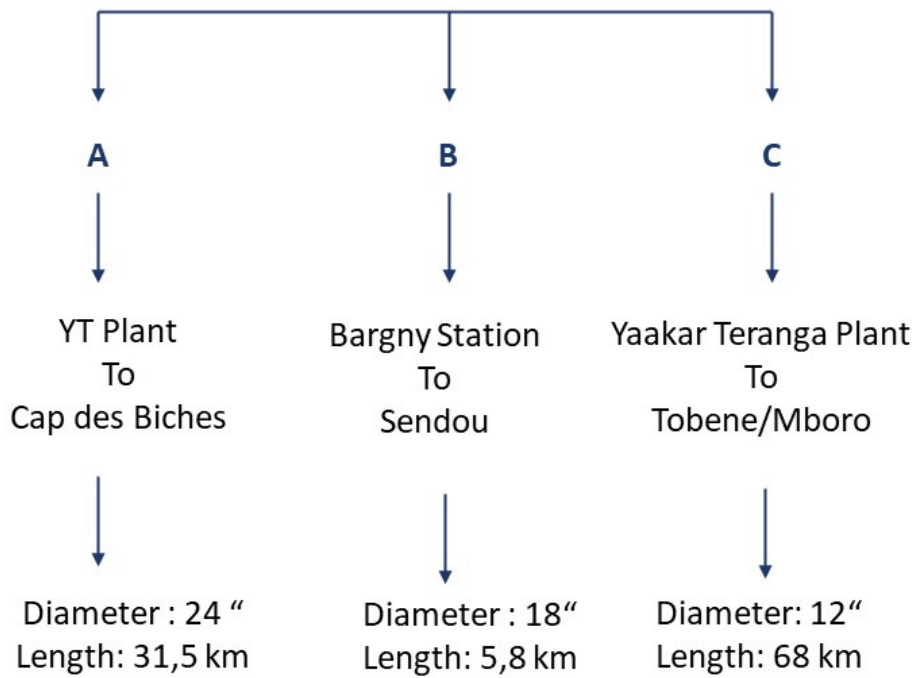




# GAS PIPE NETWORK : BLUE SEGMENT



## Blue Segment



- ❑ FEED Study progress : up to 90% at end of June 2023;
- ❑ Gas pipe capacity: about 700 mmscfd



# GAS PIPE NETWORK : BLUE SEGMENT

<b>PROJECT COST</b>	<b>FCFA 126 Milliards environ</b>	<b>About USD 212 millions</b>	
<b>Amount already invested</b>	<b>FCFA 0</b>	<b>USD 0</b>	
<b>Type of investment</b>	✓ Debt	Equity	Hybrid
<b>Project status</b>	✓ Greenfield	Brownfield	Expansion
<b>Documentation available</b>	✓ Feasibility study	✓ Impact study	✓ Business Plan



- ☐ 02 sub-segments
  - Offshore segment : 46 km
  - Onshore segment : 40 km

☐ Transport capacity : 100 MMSCFD

☐ Available gas for GTA phase 1 : 35 MMSCFD

### About GANDON POWER PLANT

- Capacity : 250 MW
- Average demand : 27,3 MMSCFD
- Maximum demand : 39 MMSCFD

### About the project

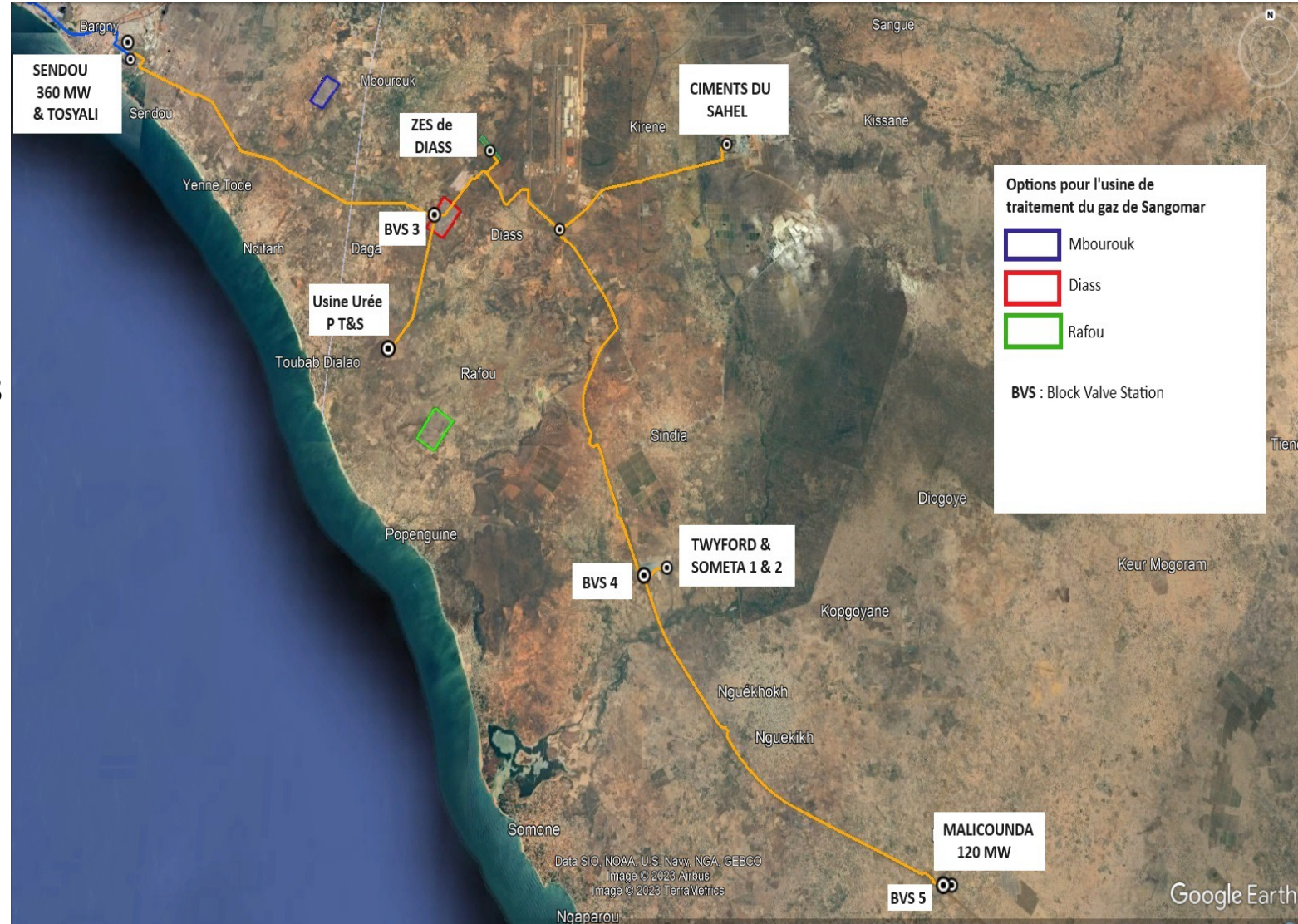
- FEED status: Completed

# GAS PIPE NETWORK : NORTH GAS PIPE



<b>PROJECT COST</b>	<b>FCFA 115,8 milliards environ</b>	<b>About USD 193 million</b>	
<b>Amount already invested</b>	<b>FCFA 0</b>	<b>USD 0</b>	
<b>Type of investment</b>	✓ Debt	Equity	Hybrid
<b>Project status</b>	✓ Greenfield	Brownfield	Expansion
<b>Documentation available</b>	✓ Feasibility study	✓ Impact study	✓ Business Plan

- From Sendou to Malicounda
- Length : 65 km
- Diameter : 18 “
- Capacity : 300 MMSCFD
- Gas demand : more than 220 MMSCF by 2028
  
- FEED Progress : About 68%



# GAS PIPE NETWORK : ORANGE SEGMENT

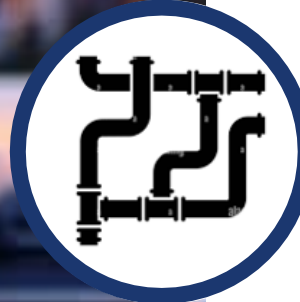


<b>PROJECT COST</b>	<b>FCFA 50 400 000 000 environ</b>	<b>About USD 80 000 000</b>	
<b>Amount already invested</b>	<b>FCFA 0</b>	<b>USD 0</b>	
<b>Type of investment</b>	✓ Debt	Equity	Hybrid
<b>Project status</b>	✓ Greenfield	Brownfield	Expansion
<b>Documentation available</b>	✓ Feasibility study	✓ Impact study	✓ Business Plan

# SUMMARY



RESEAU GAZIER DU SENEGAL SA. (RGS SA. )



GAS PIPE NETWORK



OUTLOOK



# OUTLOOK

The network makes it possible to transport natural gas offering numerous possibilities of use.



## Gas To Power

- **Securing SENELEC's supply of fuels**
- **Reduction in the cost of energy for populations**
- **Achieving universal access to energy by 2025**

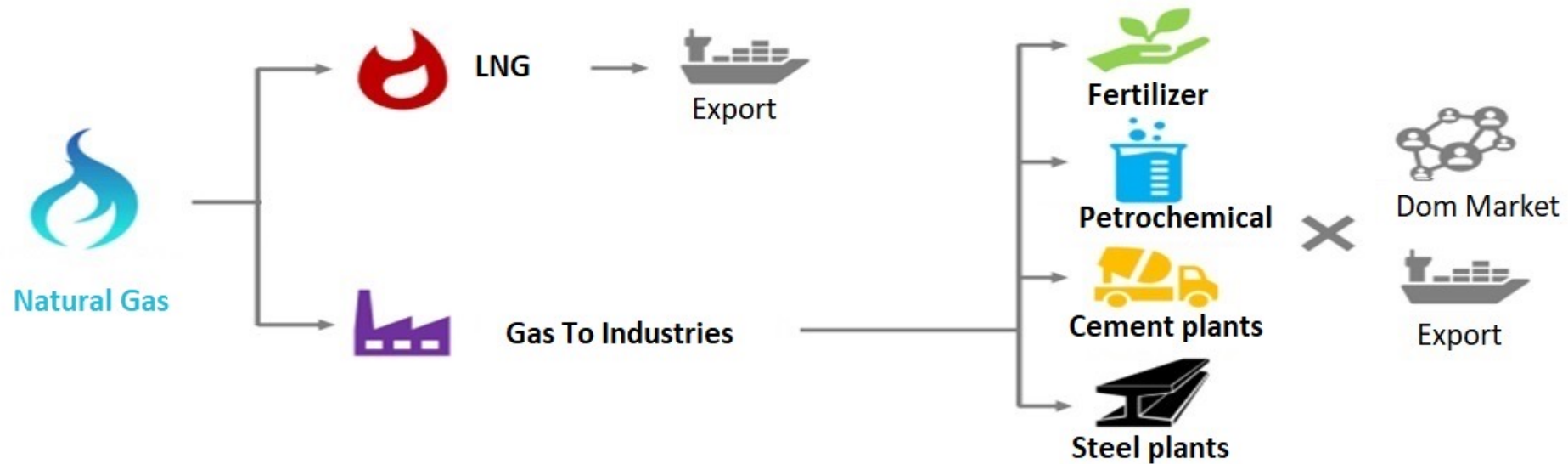
## Gas To Industries

- **Reduction in production costs and therefore reduction in the cost of finished products (ton of cement, price of reinforcing steel, etc.).**
- **Profitability improved by lower energy costs**
- **Reducing the carbon footprint by replacing coal with natural gas**

- **The Plan Sénégal Emergent reflects the State's ambition to guarantee wide and reliable access to cheap energy and to establish an industrial hub in Senegal.**

# OUTLOOK

- Liquefaction (LNG)
- Methanol
- Ammonia – Urea (PETROSEN T&S project)
- Steel/aluminium plant
- Cement
- Others users



▪ **The State has issued an oil and gas master plan to monetize locally the hydrocarbons**



## ❑ Heavy Fuel Oil substitution by natural gas



Greenhouse gases emission from :

- Coal-fired power plant: 1062 g CO<sub>2</sub>e /kWh
- Oil-fired power plant : 1020 g CO<sub>2</sub>e /kWh
- CCGT gaz : 450 g CO<sub>2</sub>e /kWh



**Reduction of  
30 millions tonnes  
of CO<sub>2</sub>  
by 2050**



Réseau Gazier  
du Sénégal

**THANK YOU**