

PIPELINE TECHNOLOGY JOURNAL · LNG

Senegal Accelerates 400 km Gas Pipeline Network Tied to Greater Tortue LNG Output

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Senegal's state-owned gas company, Réseau Gazier du Sénégal (RGS), is pressing ahead with a nearly 400-kilometre domestic pipeline network designed to channel gas from offshore production into power plants, industrial hubs, and eventually international export markets. The project has gained fresh urgency following the 2025 production start at the offshore Greater Tortue Ahmeyim LNG project, which now provides a live upstream gas source for the system.

The network is structured across five colour-coded segments totalling close to 975 million euros in projected investment. The northern segment covers 85 kilometres at a capacity of 300 million standard cubic feet per day (mscfd), budgeted at 275 million euros. The green segment adds 110 kilometres at the same throughput for 183 million euros. The blue segment is the network's highest-capacity corridor at 713 mscfd over 100 kilometres, priced at 214 million euros. The orange segment runs 45 kilometres at 300 mscfd for 153 million euros, while the red segment is a shorter 17-kilometre branch handling 150 mscfd at a projected 150 million euros. The first segment has already entered the market allocation phase, with the remaining four phases expected to roll out during the course of this year.

Beyond domestic supply, the network carries significant regional ambitions. RGS has designed the system to connect directly with the 5,700-kilometre African Atlantic Gas Pipeline, enabling Senegal to export surplus volumes to international markets and diversify regional supply routes. This dual function — domestic energy security and export capability — underpins the strategic and commercial logic of the entire programme. RGS chief executive Pape Momar Lô outlined the project ahead of his

address at the OTC World Series Africa Energy Forum in Houston, signalling that the government is actively seeking international attention and investment partnerships.

To finance the undertaking, RGS is deploying a hybrid model blending public sector funds with private investment. The phased rollout structure and mixed financing approach are consistent with an attempt to manage execution risk while maintaining momentum across all five corridors simultaneously. With the first segment in market allocation and the remaining phases targeted for launch this year, the timeline is ambitious but reflects the pressure Senegal faces to monetise its hydrocarbon resources and reduce costly fuel import dependency for domestic power generation.

Why this matters to partners and clients of Saga

Norwegian pipeline and gas infrastructure service companies should actively monitor tender activity across all five segments, particularly the blue segment given its scale and capacity. The hybrid public-private financing model and phased rollout create multiple entry points for specialist contractors and equipment suppliers across design, procurement, and construction cycles. Partners with LNG tie-in and pipeline commissioning experience are well positioned to approach RGS directly or engage through the OTC Africa Energy Forum platform.

PARTNER ANGLES

- **Pipeline:** Five distinct pipeline segments totalling nearly 400 km represent concrete EPC and pipeline integrity service opportunities as segments move from market allocation to construction phase.
- **LNG:** The network is directly tied to Greater Tortue Ahmeyim production, creating demand for gas conditioning, metering, and LNG-to-pipeline interface services from the offshore facility to the grid.
- **Subsea/FPSO:** Offshore-to-onshore gas transport tie-ins at Greater Tortue Ahmeyim may require subsea tie-back and riser system support as pipeline offtake volumes increase.
- **Service:** Hybrid financing and phased delivery create ongoing demand for project management, FEED support, and commissioning services across multiple contract packages throughout 2025 and beyond.

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