



EMERGENCY RESPONSE WITH RTP FLEXIBLE PIPELINE IN SAMORÉ

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Challenge

The geotechnical incident caused a critical interruption in a main 18-inch transmission line, located in an area with difficult access and unstable terrain.

The operator required a temporary and reliable bypass system that could be deployed quickly, allowing production continuity while permanent stabilization works were completed.

Imantt Solution

Imantt immediately mobilized its engineering team to design and install an emergency bypass system using 6-inch RTP flexible pipelines.

A total of four parallel lines, each 700 meters long, were installed within 12 days, providing a safe, efficient, and fast solution for restoring crude oil transfer operations.

Location: Norte de Santander – Colombia	Operating Conditions: 1,200psi – 38°C (100°F)
Application: Crude oil transport	Length: 2,800m (9,186ft)
Installation Method: Surface deployment with parallel line configuration	Installation Duration: 12 days
Products: 6" RTP	



The flexibility and corrosion resistance of RTP technology allowed adaptation to irregular topography, minimizing excavation and reducing environmental impact.

Results

- Operation restored in less than two weeks
- Reduced environmental and operational risk
- Fully safe, reliable, and reusable system
- Executed by specialized technical personnel under strict HSE and quality standards

This project set a new benchmark in emergency response using non-metallic systems within the oil and gas sector.

By applying RTP flexible pipe technology, the operator achieved a rapid, sustainable, and high-performance solution that ensured the continuity of operations and demonstrated the reliability of non-metallic infrastructure in critical situations.

