



RESEARCH ENGINEERING DEVELOPMENT OPERATIONS

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# **PRODUCTS AND SERVICES**



#### PRODUCTS

- Reinforced Thermoplastic Pipe (RTP)
- Coiled Line Pipe (CLP)
- Non-metallic flexible pipes (PA, HDPE, PP)
- Supply of valves and fittings



### PIPELINE REHABILITATION SOLUTIONS

## **Tight Fit Lining**



#### SPECIALIZED SERVICES

### Non-Metallic composite overwrap repair (NCO)



## In Lining Flat (ILF)



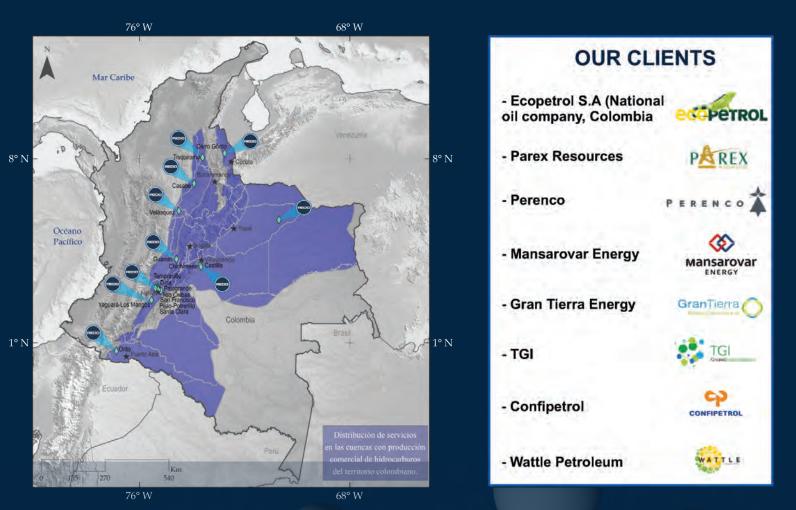
- Integrity inspection of static and surface equipment.
- Application of mechanical reinforcements with polymers and/or composite materials.
- Pipeline cleaning and internal pipeline rehabilitation services using thermoplastic polymers (HDPE, PA12, PP)
- New materials development
- Pipeline Pigging

## COMPETITIVE ADVANTAGE



- Corrosion free
- HDPE: 1.25 < PH < 14
- Free of incrustations
- Increased chemical resistance
- Increased abrasion resistance
- Greater resistance to erosion
- Increased production efficiency
- Less logistics required for transportation
- Inspection and maintenance free
- No cathodic protection required
- Lower CAPEX
- Lower OPEX
- Higher life cycle value

## **REDO PROJECTS IN COLOMBIA**



## INTERNATIONAL STRATEGIC ALLIANCES



- Pipeline rehabilitation using flexible pipe technologies
- Marketing, technical assistance and installation of flexible pipes
- Non-metallic reinforcements (3000 psi)
- Supply of valves and fittings
- Corrosion and integrity assessment and diagnosis



#### **CONTACT US**

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