



EL LUGAR
DONDE SE
POTENCIA
LA INNOVACIÓN
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Rightside Decision Tools

Paris-SESO 2017



rights**side**





RIGHTSIDE Decision Tools

- Founded at 2013 by Oscar Carreño
- Stablished in Medellín – Colombia
- Currently have a 2 employees
- Its office are in RutaN Building
- RutaN is The Medellín Innovation District
- Its clients are the more important generator companies in Colombia



estamos ahí.





PRODUCTS AND SERVICES



- Generic Hydrothermal Dispatch: Long-term, mid-term and short-term analysis. DHOG
- MEGAMETER Telemetry in The Cloud
- Consulting: Hydrothermal Planning, Economic Analysis for Generation Project in Colombia (OPEX, CAPEX), Colombian Market Simulation and Risk Analysis
- Nonformal Education: Linear Optimization, Colombian Market, Hydrothermal Planning and Economic Dispatch





INMEDIATELY CHALLENGES

- Stochastic model using Progressive Hedging techniques
- Cournot Model, classic iterative algorithm
- MPEC
- Optimal AC Power Flow

FUTURES CHALLENGES

- Optimization model apply in Colombian Smart Grid
 - Electric Losses Reduction
 - Energetic Efficiency
 - Hybrid Operation