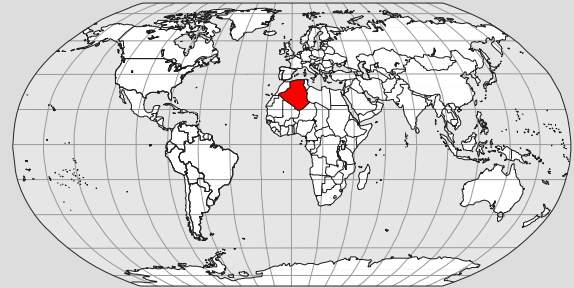
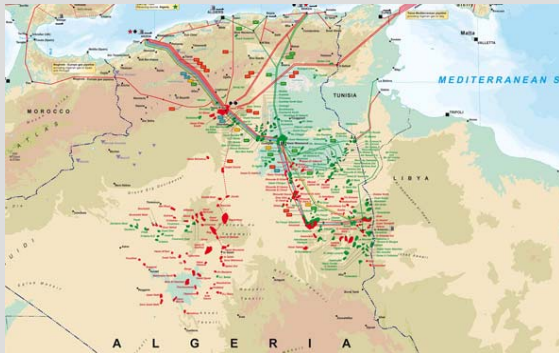


GAS SWEETENING PLANT – REGGANE AZRAFIL PROJECT Sahara Desert, Algeria – REPSOL EXPLORACIÓN ARGELIA



Main Facts

- **Gas Processing Capacity:**
8.55 MMSCMD (300 MMSCFD)
- **Gas Specification:**
0.3% CO₂, -6°C cricond, HC dew point
- **Schedule:** June 2007 – September 2007
(4 months)

Scope

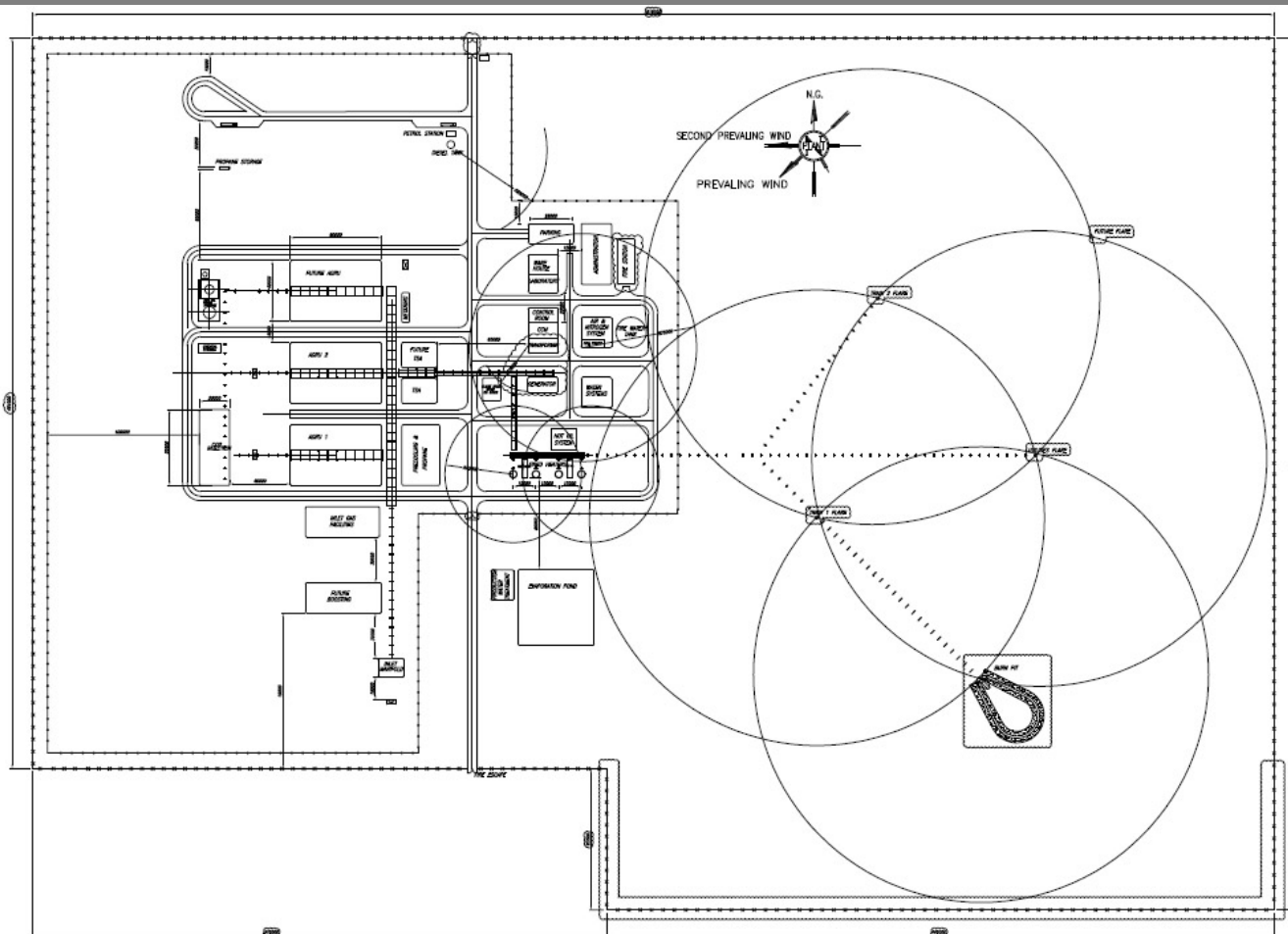
- Dehydration, CO₂ removal and HC dew point technology screening.
- Conceptual engineering
- Design philosophies development
- Sale gas export alternatives analysis
- CAPEX / OPEX estimation

Facilities

- Inlet facilities
- Dehydration unit
- Acid gas removal unit
- Hydrocarbon dew point unit
- Residue Gas Compression
- Utilities (waste heat recovery, heating oil, flare system, etc.)

Highlights

- Extensive acid gas and HC dew point technologies screening (including TSA), considering different configurations and delivery points.
- Compression and export gas pipeline alternatives.
- Technology and most suitable scenario selection based on CAPEX / OPEX analysis.



GAS SWEETENING PLANT – REGGANE AZRAFIL PROJECT - SAHARA DESERT, ALGERIA – REPSOL EXPLORACIÓN ARGELIA

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