

Midstream Essentials

Comprehensive pipeline and facility level information supporting workflows along the crude oil, natural gas and CO₂ value chains



A firm understanding of the infrastructure connectivity, from upstream assets, through pipelines and facilities remains a critical component to business decisions for energy industry stakeholders. The Midstream Essentials Database from S&P Global Commodity Insights provides comprehensive coverage of oil and gas infrastructure with recent enhancements including reported facility level CO₂ emissions and carbon sequestration infrastructure.

Midstream Essentials Database provides the intelligence needed to support:

- Infrastructure-led exploration and field development planning by understanding where to tie in future oil and gas production
- Crude oil and natural gas supply planning by identifying relevant transportation and processing infrastructure for exports or domestic supply
- Source-to-sink use cases through point source CO₂ emitters in relation to CO₂ transportation and storage infrastructure
- Competitive intelligence and joint venture assessments by tracking portfolios, market shares and new infrastructure projects
- Analysis of potential vulnerabilities to critical energy infrastructure and energy security

Common attributes for pipelines and facilities:

- Pipeline (includes section level information):
 - Pipeline name
 - Coordinates
 - Content
 - Length
 - Diameter
 - Capacity
 - Connecting nodes
 - Operating status
 - Online dates
 - Key project milestones
 - Operator/Ownership structure
- Facilities (includes unit level information):
 - Facility name
 - Coordinates
 - Operator/Ownership structure
 - Reported CO₂ emissions
 - Content
 - Capacity
 - Operating status
 - Online dates
 - Key project milestones

Midstream Essentials Database content:

Transportation:

- FPSOs
- Pipelines
- Compressor & Pumping Stations
- Storage
- Terminals
- Ports

Processing:

- Refining
- Gas Processing
- LNG

Primary Markets:

- Electric Plants
- Hydrogen (non-captive)
- Olefin
- Methanol
- Ammonia
- Heavy Industrial Plants



More than **135,000** facilities worldwide



+ 3.7 million km of pipelines

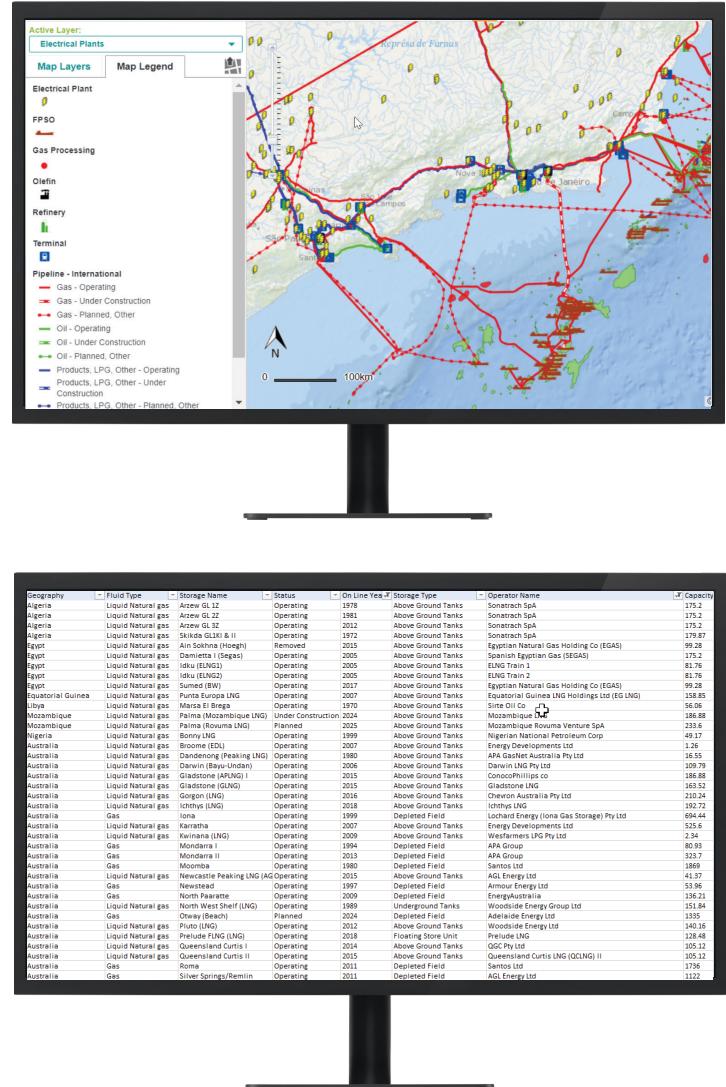


10,000 energy infrastructure sources covered weekly

Data sourcing, updating, and access

The database enables users to focus on business decisions rather than data collection and maintenance.

- The database is updated daily through public sources such as operators, regulators, governments, technical publications, satellite imagery, as well as via internal sources
- The information goes through an automation, analysis, and standardization process before being presented in a consistent format that can easily be queried and mapped with 24/7 online web access provided
- The dataset is fully aligned with our upstream delivery channels such as EDIN online, Spatial delivery, API and Cloud Access



About S&P Global Commodity Insights

At S&P Global Commodity Insights, our complete view of global energy and commodities markets enables our customers to make decisions with conviction and create long-term, sustainable value.

We're a trusted connector that brings together thought leaders, market participants, governments, and regulators to co-create solutions that lead to progress. Vital to navigating Energy Transition, S&P Global Commodity Insights' coverage includes oil and gas, power, chemicals, metals, agriculture, and shipping.

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