



LEADING GTL PROVIDER

INFRA XTL Technology is an international company that innovated, developed, and commercialized the next generation of GTL (gas-to-liquids) technology, based on the Fischer-Tropsch synthesis process, for the production light synthetic crude oil and clean liquid synthetic transportation fuels from natural and associated gas, as well as from biomass and other fossil fuels (XTL).

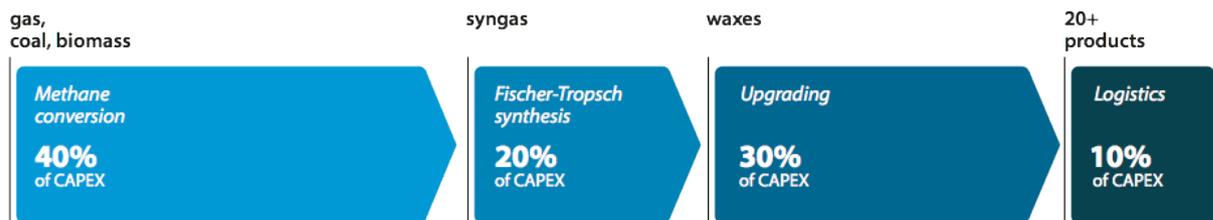
INFRA provides solutions for monetization of stranded gas fields, including remote, offshore and shale gas reservoirs, and helps to eliminate associated petroleum gas flaring. Our GTL units produce light synthetic crude oil, fully compatible with the existing oil industry infrastructure, processes and technologies. Synthetic oil mixes well with mineral crude. It can be readily upgraded to ultra-high quality drop-in motor fuels with zero aromatics, zero sulphur and zero nitrogen.

ECONOMICALLY FEASIBLE TECHNOLOGY

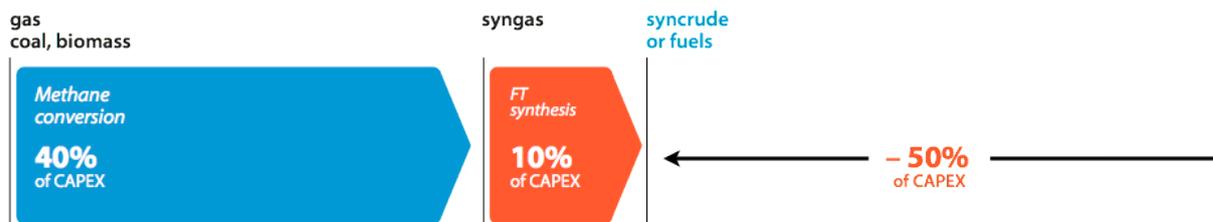
INFRA's technology makes production of synthetic crude oil economically feasible, ensuring that GTL process is profitable even for small-scale units and is cost competitive with oil refining. It is at least 50% less expensive than comparable technologies.

High quality single liquid product – synthetic oil - that does not require hydrocracking and upgrading; and high process efficiency are **key** to the **technology's economic feasibility**.

Current technologies



INFRA.xtl technology



PRODUCT OFFERING

INFRA provides GTL solutions from pre-engineered standardized modular (as small as containers) easily deployed transportable units to licensing its proprietary GTL technology.

The company guarantees stable long-term supply of the Fischer-Tropsch catalyst for the GTL plants based on its proprietary technology.

INFRA offers efficient GTL project delivery through flexible execution together with our international engineering and manufacturing partners, ensuring safety, quality, reliability whilst maintaining tight cost control.

OUR CAPABILITIES

The Company has operations in the United States, Europe and Russia. Strong engineering and procurement team is capable of executing GTL projects on time and within budget. INFRA 's operations team has 20 employees who have run INFRA's GTL units since 2010. Multi-disciplinary R&D team includes 3 D.Sc.'s and 7 Ph.D.'s.

Overall headcount exceeds 50 employees. The Company is led by experienced management teams with many years of experience within oil & gas.

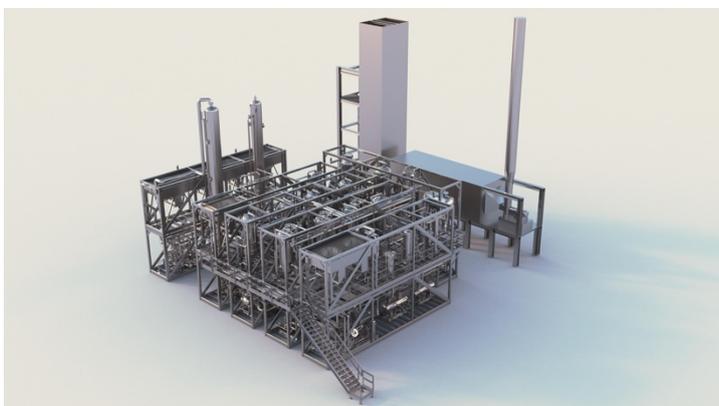
PROJECT EXPERIENCE

INFRA Technology completed its EPCI project for building a GTL plant in Texas, USA. The plant will become the first small-scale commercial GTL project. The plant will process 1 million cubic feet of natural gas to produce 100 barrels per day of synthetic oil.

The proprietary Fischer-Tropsch catalyst is produced at the company's own catalyst factory in Moscow, Russia.

INFRA continues further R&D at its full-cycle integrated continuously operating testing facilities (capable of producing up to 20 gallons of liquid product per day) in Moscow, Russia. The Company has registered 30 patents for its proprietary family of catalysts and Fischer-Tropsch reactor in eight major jurisdictions, as well as developed protected know-how related to technology flowsheet and catalyst fabrication procedure.

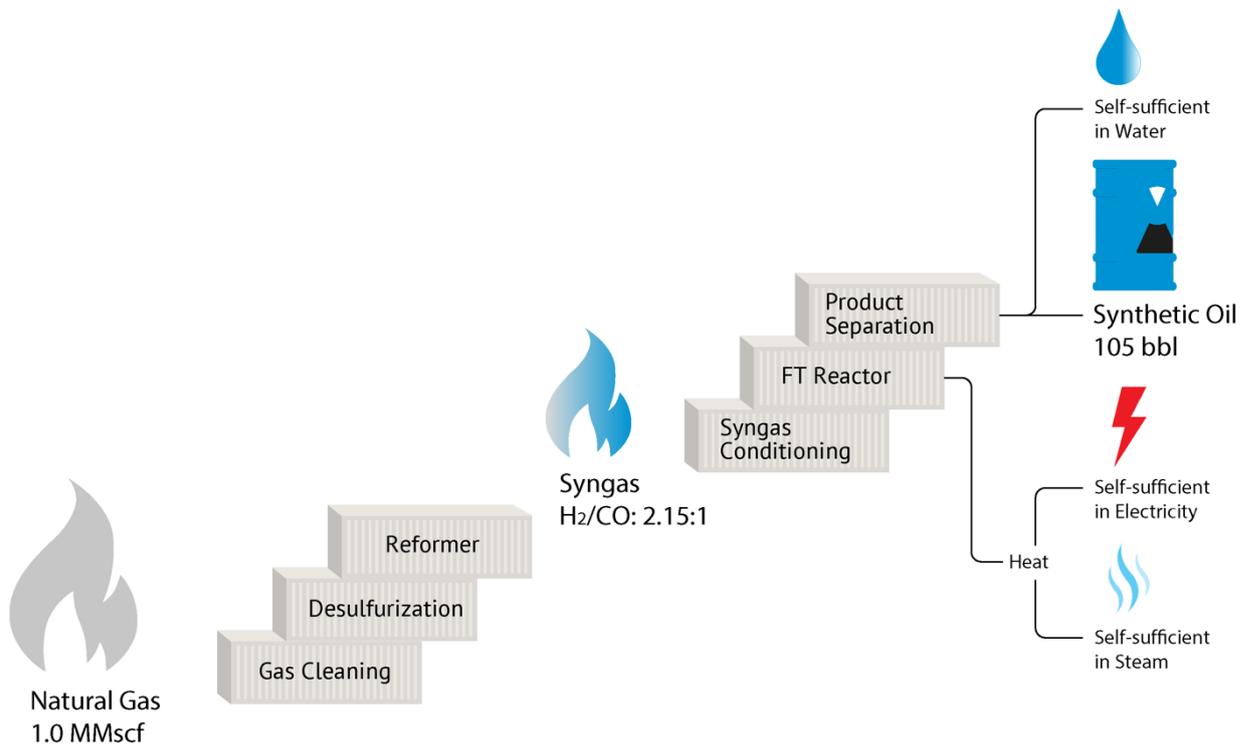
INFRA's technology and plant design received independent verification.



TECHNOLOGY DESCRIPTION

The patented *INFRA.xt/* technology represents a new generation of the classical Fischer-Tropsch (FT) synthesis process, available since the 1930s. It is differentiated by the use of **unique proprietary pelletized cobalt-based catalyst** in the Fischer-Tropsch step of the process with the new generation modularised tubular fixed-bed reactor. This leads to dramatic improvement of the efficiency of the Fischer-Tropsch process and elimination of the certain stages required in other versions of this technology.

INFRA.xt/ produces more than **100 barrels of the liquid hydrocarbon product** per 1 million standard cubic feet of gas (methane equivalent).



Main advantages of *INFRA.xt/* include:

- High quality single liquid product – synthetic crude (no heavy waxes) which does not require hydrocracking and upgrading, and mixes well with crude oil. Stable product;
- No by-products;
- Synthetic crude is fully compatible with the existing oil infrastructure and is easily upgradable to diesel;
- Processes feed gas with varying density;
- Handles CO₂ rich gas;
- No requirements for NGL & nitrogen removal from feed gas;
- High carbon efficiency;
- Self-sustained process (no grid electricity and no fresh water required);
- No requirement for continuous flaring;
- Small compact footprint.