

Synthesis Gas

Some of our Services:

- Feasibility Studies
- Conceptual Design
- Front End Engineering Design (FEED)
- Project Management Consulting (PMC)
- Detailed Engineering

Process & Technology Areas:

- Gasification
- Synthesis Gas (Syngas)
- FT Processes
- Gas-to-Liquids (GTL)
- Hydroprocessing

What is Synthesis Gas?

“Syngas” is created through conversion of a wide range of carbon materials such as coal, petroleum coke or bitumen. This syngas can then be processed into an even wider range of products for both fuel and feedstock use. These products, (including synthetic natural gas, chemicals, fertilizer, liquid fuels, CO₂, steam, and electrical power) can be produced in a “green, environmentally friendly” manner.



People Oriented...Project Driven®

Bryan Trocquet

Midstream Project Development Manager

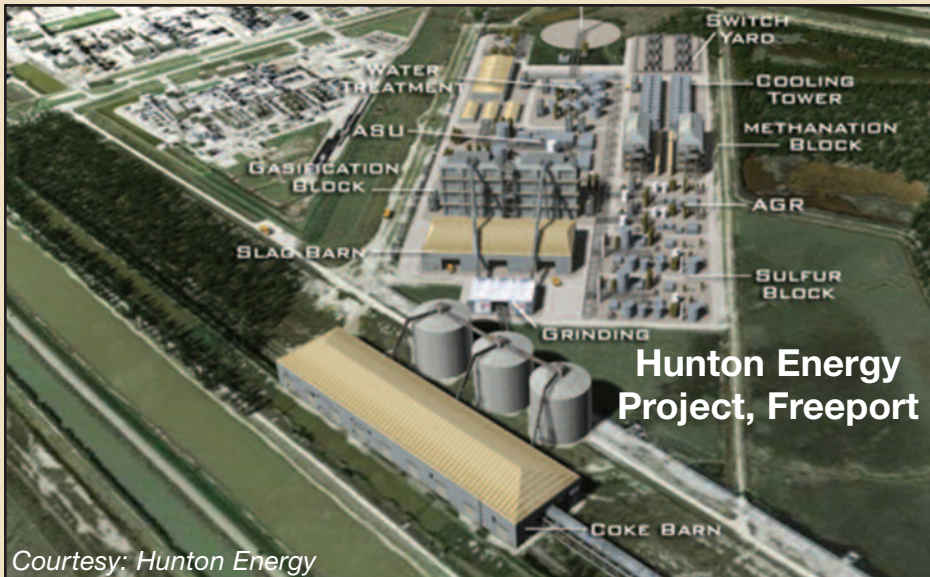
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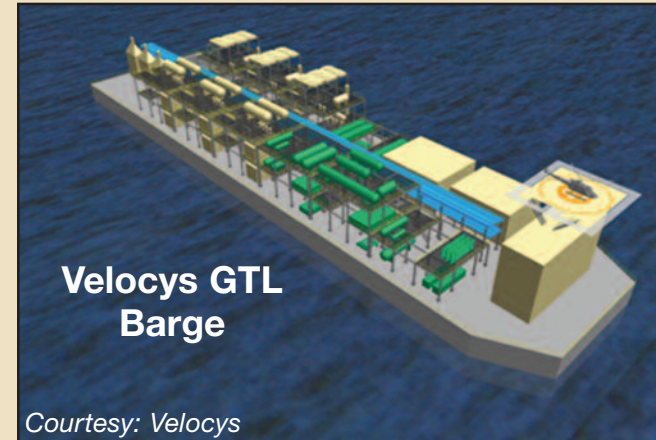
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Syngas Project Experience



- Mustang provided technical support services to Hunton
- Plant will produce synthetic natural gas, electricity and high pressure steam
- Full CO₂ capture for enhanced oil recovery
- Designed to be a “green friendly” facility



- Feasibility study and detailed cost development for floating GTL
- Velocys’ proprietary Microchannel Processing Technology (MPT) used



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- Mustang provided full engineering, procurement and construction services for the Catoosa, OK, GTL demonstration facility
- Designed and constructed under the DOE’s Ultra-Clean Fuels program