

EPC PARTNERSHIPS AND ALTERNATIVE ENERGY INFRASTRUCTURE

ENGINEER • PROCURE • CONSTRUCT • DEVELOP • MARKET



NGFS builds relationships with forward-thinking industry enthusiasts that allow us to connect energy production innovators in the fueling and energy sector to business partners in the downstream arena.

We partner with many equipment, technology and process developers that serve diverse market areas including; public and private fueling facilities, municipalities, retail distribution centers, transit services, agriculture bi-products and waste hauling fleets.

Project developers and business owners benefit from our knowledge of energy innovation when building alternative energy infrastructure projects nationwide.



EXPANDING SERVICES AND CAPABILITIES

NGFS develops, engineers, procures, and constructs production and delivery infrastructure for Hydrogen, Electric, and Renewable energy, as well as natural gas and traditional energy sources.

EXPERIENCE, FLEXIBILITY, AND RANGE

New energy sources bring diverse interests, new technical requirements and business objectives that we understand.

Our knowledge and experience provide the flexibility needed to procure and implement projects of any scope nationwide.

QUALITY AND CLIENT SATISFACTION

High standards, quality control, and continued relationships in the fueling industry provide our loyal and future clients the reassurance that they are in good hands as markets diversify and grow.



Public Transit

Via Transit Authority Largest CNG Vehicle Fueling Facility in the US



Distribution Operations

Amazon | Walmart Hydrogen Fueling Station



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NGFS

NGFS.com

- = NGFS Coverage Area
- = PROJECTS Completed and In-Progress

NATIONWIDE SERVICES FOR:

- ENERGY AND UTILITY COMPANIES
- PUBLIC AND PRIVATE FUELLING STATIONS
- RETAILERS/DISTRIBUTORS
- WASTE HAULING FLEETS
- CORPORATE SHIPPING OPERATIONS
- CARRIERS AND SHIPPERS
- TRANSIT SERVICES/PUBLIC TRANSIT
- EQUIPMENT MANUFACTURERS
- CITY, GOVERNMENT, EDUCATION
- VEHICLE MAINTENANCE FACILITIES

EMERGING MARKETS:

- AGRICULTURE
- RENEWABLE BIOENERGY PRODUCTION/DISTRIBUTION
- TECHNOLOGY & PROCESS DEVELOPERS



SAFETY & TRAINING PROGRAM NGFS consistently attains industry leading modification rates and safety results.



NATURAL GAS FUELING SOLUTIONS

NGFS is Natural Gas Fueling Solutions.

NGFS was created in 2012 to build CNG and LNG natural gas fueling stations throughout the Midwest and eventually nationwide.

Our proven flexibility and capacity to build a large number of projects in multiple states simultaneously makes us a great choice for your next project.

NGFS has completed over 125 CNG and LNG projects valued at over \$300 million in partnership with industry leading developers and energy companies.

Public Stations

As public natural gas vehicle (NGV) ownership increases, fueling distributors and retailers benefit from diversifying fueling options for public use.

Private Stations

Cities, transit authorities, school districts and private owners are investing in fueling infrastructure with expandable facilities in preparation for future growth and potential public use.



Public and private fueling stations and operational infrastructure for this proven, low cost, reliable energy choice can improve your bottom line.



Investing in biomass energy captured and distributed into the current natural gas pipelines can help you reach your sustainability goals.



Reforming low-cost natural gas can provide hydrogen today for fuel cell electric vehicles (FCEVs) as well as other applications.



NGFS IS COMMITTED TO HELPING CORPORATIONS REACH THEIR SUSTAINABILITY GOALS.

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HYDROGEN AND FUEL CELL TECHNOLOGY

EMERGING MARKET: Hydrogen Production and Supply Facilities

Developers and scientists progressing with anaerobic digestion and fermentation processes throughout the country are inspiring new value added commodities to improve costs of Hydrogen distribution downstream.

NGFS constructs and installs Hydrogen storage facilities, dispense equipment and buildings for companies utilizing Hydrogen power with zero to negative environmental impact.

Benefit from our industry experience and qualified construction management teams of experienced professionals who get the job done on time and on budget.

On-site Fueling Supply Facilities

For distribution centers, material handling, storage and product fulfillment.

Liquid Hydrogen Storage Facilities

On-site fueling supply infrastructure that feeds internal dispensers for fuel cell support vehicles such as fork lifts.

Steam Methane Reformation (SMR)

Point of use or regional distribution facilities.

Electrolysis Hydrogen Production

Storage and dispenser installations for passenger vehicles and other support vehicles.



Hydrogen Power derived from bio gas is a zero waste alternative fueling solution.



Extracting Hydrogen derived from anaerobic digestion (AD) and fermentation inspires new organic pathways for carbon neutral energy storage and value added commodities such as prefabricated modules for biogas purification and upgrading.



Reforming low-cost natural gas can provide Hydrogen today for fuel cell electric vehicles (FCEVs) as well as other applications.



Solar energy can be harnessed, stored and used to extract H2, making Hydrogen a renewable fuel.



LNG becomes a cleaner fueling solution when utilizing Hydrogen Fuel in LNG Production, Distribution and shipping operations.



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BIOGAS

EMERGING MARKET: Biomass Energy Capture for Distribution

Renewable gases can be produced by anaerobic digestion (AD) of wet biomass, gasification of woody solid biomass, or the power-to-gas (P2G) process, where renewable electricity is used for Hydrogen (H2) production using electrolysis in order to split H₂O in a first step and transform the H2 into methane in a second step.

Advancements in Biogas production by anaerobic digestion are driving investments in new technology, where various raw materials including animal by-products, vegetable by-products, organic waste and energy crops can be used.

NGFS is connecting innovators for carbon neutral products in the biogas energy sector with downstream infrastructure solutions.

Production Facilities

Research and Development Sites

Innovation in prefabricated energy purifying modules with marketable bio waste byproducts are driving business growth for start-up companies and scientists.

Biogas Purification Technology

Bringing the technology to downstream distribution access is key to success. Innovation in this sector is increasing and implementation is becoming a reality.



Investing in biomass energy captured and distributed into the current NATURAL GAS pipelines across America can help you reach your sustainability goals.



Reforming low-cost natural gas can provide hydrogen today for fuel cell electric vehicles (FCEVs) as well as other applications.

The only product from an FCEV tailpipe is water vapor.

H₂

With the upstream process of producing hydrogen from natural gas as well as delivering and storing it for use in FCEVs, the total greenhouse gas emissions are cut in half and petroleum is reduced over 90% compared to today's gasoline vehicles.

NGFS is an asset to large and small companies seeking to merge alternative energy technological and infrastructure development to bring new products to market.

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SOLAR AND BATTERY ELECTRIC

EMERGING MARKET: Solar Energy Powering Electric Vehicles

Solar power continues to be a highly effective renewable energy option when considering long-term world consumption and your business sustainability goals.

Improvements in peak shaving techniques for battery storage units help stabilize energy fluctuations and increase efficiencies and overall profit margins.

NGFS engineers, procures, and installs Solar and Battery/Electric infrastructure throughout our nationwide coverage area.

EV Charging Stations

On-site charging supply infrastructure that feeds dispensers for public or private use.

Battery Storage Facilities

On-site modules to store solar-to-electric energy for public vehicle use or facility power.

Solar Panel Arrays and Farms

Energy capture and storage that can contribute to the existing power grid.



Solar energy is a popular, viable option for powering EV Charging and Hydrogen Fueling Stations

H₂

Solar energy can be harnessed, stored and used to extract H2 – making Hydrogen a renewable fuel.



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