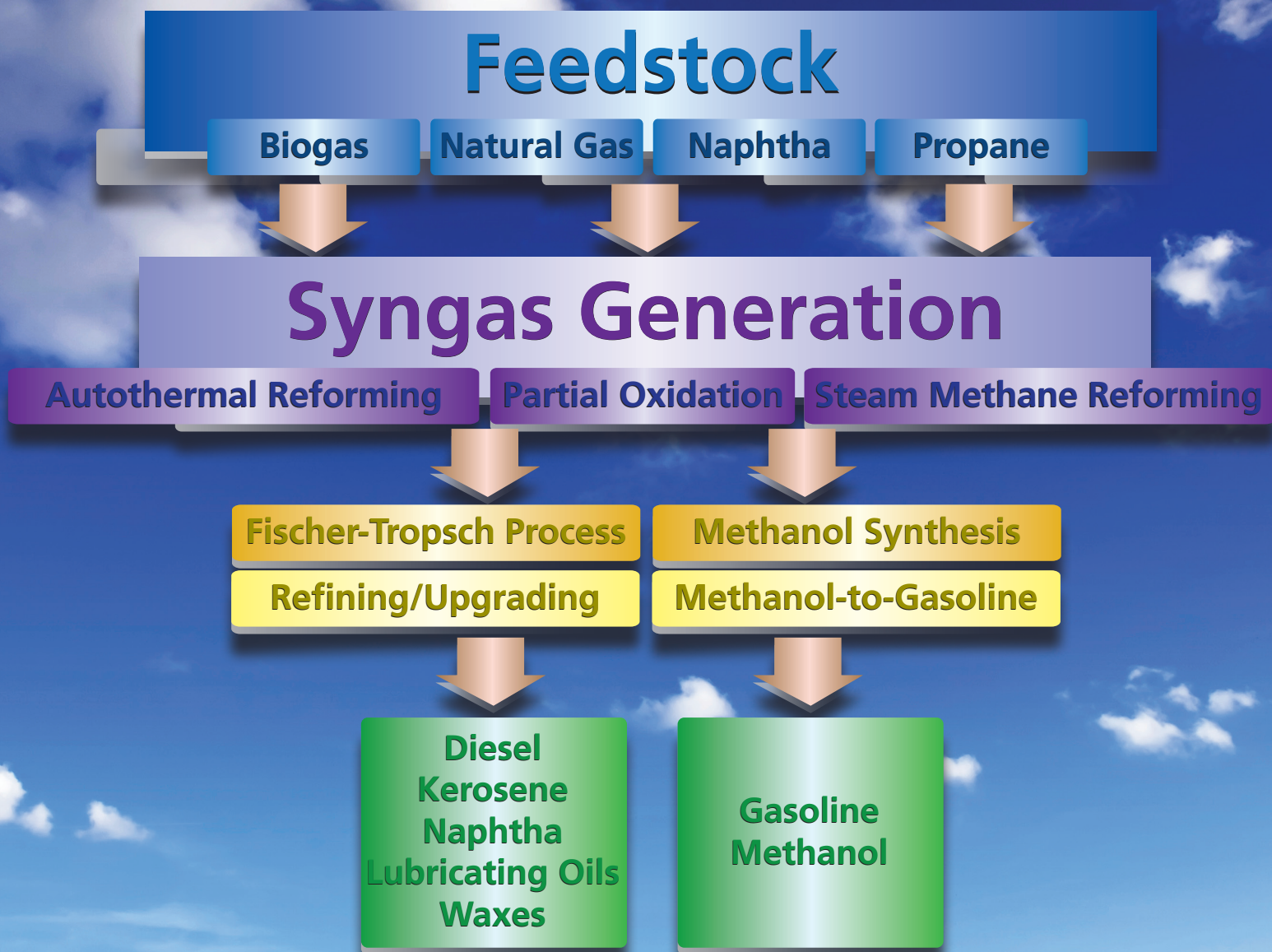


GTL

+other HC feedstocks

MATHESON owns and operates the syngas plant.
You focus on the GTL process.



*Introducing the MATHESON GTL Processing Strategy,
and how it lowers your costs and reduces risk.*



MATHESON

The Gas Professionals

With **MATHESON** responsible for the syngas production plant, *You are in better control of your GTL operation.*

New sources of natural gas are being discovered every day... in the US and globally. Chemical companies of all sizes are seeking to use this NG in a way that is profitable and safe ... with financial risk that is manageable.

MATHESON provides a partnering strategy that enables chemical companies to focus on the critical downstream portion of the plant while MATHESON focuses on the syngas production.

MATHESON Gas Professionals are responsible for the design and operation of the syngas plant. We build it, we own it (and maintain it), and we staff it. We deliver syngas to you in a safe, reliable, cost effective manner, thus reducing project capital and risk.

MATHESON's GTL Processing Strategy fixes costs, manages risk, and ensures plant availability.



The **MATHESON** GTL Processing Strategy

Leverages **MATHESON** Core Competencies

MATHESON Gas Professionals are no strangers to gas product processing. We have designed, built, and commissioned hundreds of gas product processing plants in the US and around the world – for our own commercial enterprise as well as for “captive” processing.

Among our many core competencies for gas product processing:

LARGE PLANT MANAGEMENT – **MATHESON** has a longstanding, proven track record for successful and safe management of large cryogenic and syngas plants.

GAS PLANT DESIGN – Recognized globally for air separation and supporting sub-systems. Expertise in SMR and ATR design and operation.

LIQUEFACTION – Syngas, air separation products (Nitrogen, Oxygen, Argon), LNG, Helium, Carbon Dioxide, Hydrogen, other liquefied gases.

SEPARATION/PURIFICATION – Production-scale removal of impurities, contaminants, and by-products.

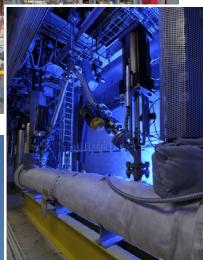
STORAGE – Piping, management, and storage of cryogenic and hydrocarbon products.

LOADING/DISTRIBUTION – Liquid phase filling into transportation vessels (tanks, trailers, railcars, barges).

OPERATIONS – Staffing, production, scheduling, maintenance, upgrades, inspections, security, etc.

LIQUID PRODUCT STORAGE – Bulk storage, vessel construction, cryogen transfer.

BUSINESS MODEL – **MATHESON** has used the own/operate plant business model for supply of bulk gases such as Nitrogen, Oxygen, Hydrogen, Syngas, and others.



A Partnership to Improve Management of the GTL Production Facility

In the **MATHESON** GTL Processing Strategy, **MATHESON** owns the syngas plant, is responsible for its operation, and manages the output of the plant.

Design and Build

In full collaboration with the GTL plant owner (you), **MATHESON** designs and builds a syngas plant specifically suited and fully integrated with your GTL plant requirements to optimize operational costs.

We analyze available technologies, select specific design components, and guide the plant design and construction based on the individual needs of each project.

By assuming ownership of the complete syngas plant operation, **MATHESON** is responsible for plant design, land use, local approvals, construction, commissioning, and operation.

Own and Operate

As a syngas provider, **MATHESON** assumes complete turnkey system ownership, including all aspects of plant operation, maintenance, safety, certifications, and staffing.

Variable costs of operation, such as energy, are **MATHESON's** management responsibility. Other risks of facility operations – ranging from routine plant maintenance to recovery from unexpected storm damage – are also part of **MATHESON's** management responsibility.

Because operational overruns would otherwise accumulate year-after-year, efficient plant operations is one of **MATHESON's** most valuable core competencies.



GTL MATHESON

About **MATHESON**

MATHESON is a single source for industrial, medical, specialty and electronic gases, gas handling equipment, high performance purification systems, engineering and gas management services, and on-site gas generation. Our mission is to deliver innovative solutions for global customer requirements.

MATHESON is part of the Nippon Sanso Holdings Group, a global corporation with 300 group companies and approximately 20,000 staff, operating in four regions around the world: Japan, the United States, Europe, and Asia/Oceania.

We have a depth of technology and resources that can come only from a global enterprise.

MATHESON and Safety

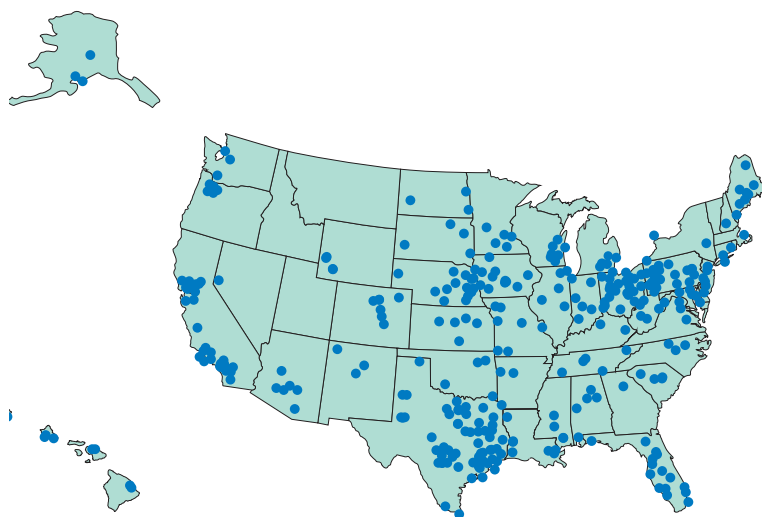
MATHESON places the highest value on Safety – every day. We value our safety record, and we've received many industry awards for our safe operations. All of our employees are thoroughly trained on an ongoing basis to deliver MATHESON's safety standards.

MATHESON and Quality

MATHESON also places the highest value on Quality. Our plants are certified to ISO 9001 standards, and we employ Lean Six Sigma (LSS) principles to measure and improve our quality results on a basis of continuous improvement

MATHESON and Sustainability

MATHESON is committed, at all levels, and in all locations, to principles of Sustainability and Corporate Responsibility. Our principles embrace Environmental Sensitivity, Community Support, and Financial Performance. Our aim is to ensure uninterrupted access to our products and services.



Our Mission:

Our core competency is the supply, delivery, and management of gases and gas production sub-systems and plants. Your core competency is putting those gases to work to make your process safer, more efficient, and more profitable.

Our Mission is to focus on our core competency so you can focus on yours.

Copyright 2021 Matheson Tri-Gas, Inc. All Rights Reserved.

All contents of this document are subject to change without notice and do not represent a commitment on the part of Matheson Tri-Gas, Inc. Every effort is made to ensure the accuracy of this information. However, due to differences in actual and ongoing operational processes and product improvements and revisions, Matheson Tri-Gas, Inc. cannot guarantee the accuracy of this material, nor can it accept responsibility for errors or omissions. This document is intended to serve as a general orientation and cannot be relied upon for a specific operation. No warranties of any nature are extended by the information contained in these copyrighted materials.

All names, products, and services mentioned herein are the trademarks or registered trademarks of their respective organizations and are the sole property of their respective owners. Matheson and the Matheson logo are registered trademarks of Matheson Tri-Gas, Inc.

BR-200 10/2021



MATHESON
The Gas Professionals

www.mathesongas.com
email: energy@mathesongas.com

Printed in USA