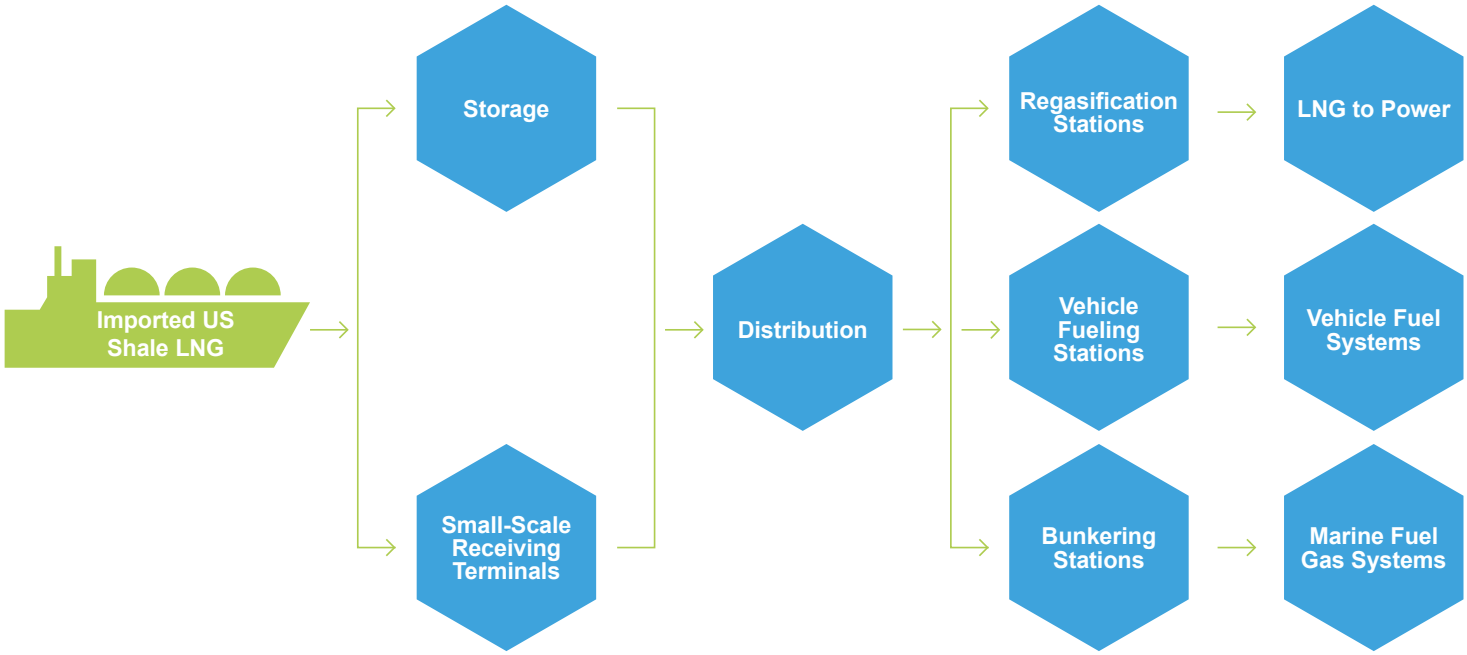
Energy Independence Through Small-Scale LNG

CHART®
Cooler By Design®

Solutions for the distribution, storage and end-use of LNG as an **alternative** to imported pipeline gas in Europe.

Small-Scale LNG Value Chain



Storage

Complete range of shop built vertical and horizontal cryogenic tanks.

Chart Vacuum Technology® ensures the highest levels of thermal performance and extended hold times delivering significantly reduced operational and installation costs.

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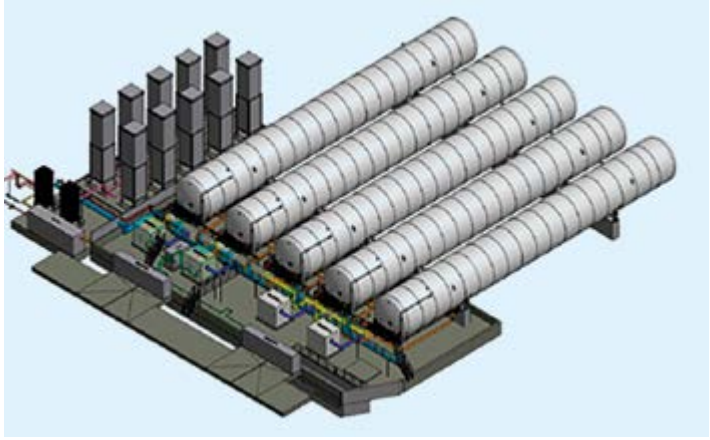
Import Terminals

Small-scale terminals counter the economies of scale afforded by their much larger counterparts through having LNG available for a range of functions. Landed LNG can be loaded into road and rail tankers and ISO containers for onward distribution, used at source as a vehicle fuel for bunkering and natural gas power generation, or regasified and injected into the pipeline grid. Modular construction facilitates reduced cost and complexity. Civil engineering requirements are minimized, shop build is maximized and installation is completed much more quickly. Modular design also enables future expansion options to be factored into the initial design.



The Chart built small-scale import terminal at Klaipeda has established the port as a hub for the Baltic region creating a single value chain from LNG landed by the FSRU Independence.

Distribution

Chart designs and builds a complete range of cryogenic transport trailers, swap-bodies, railcars and ISO containers for complete multi-modal LNG transport solutions throughout Europe and beyond.

LNG to Power

← Chart regasification plants store and re-vaporize LNG providing power plants or industrial users not connected to the pipeline grid with natural gas. Regasification plants can be configured for any demand requirement and comprise one or more vertical or horizontal storage tanks. They are typically supplied skid mounted to reduce project cost and complexity and facilitate easier transport and installation.

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The LNG to Power terminal in Gibraltar fuels an 80MW power plant and has enabled the territory to transition from diesel to natural gas.

Marine Bunkering

Shore to ship bunkering terminals for fueling natural gas powered ships on coastal and inland water corridors.

Vehicle Fueling Stations

Complete range of sizes, from private, relocatable stations through to ones with multiple dispensers open to both the public and fleet operators

Optional CNG module to provide the complete fueling service for all natural gas vehicles.

There are now > 500 fueling stations for LNG vehicles in Europe. As well as building the stations themselves, Chart also provides the infrastructure for supplying the stations with LNG.

After-Sales Support

Chart supports you through the project lifecycle from the earliest feasibility study all the way to ensuring your equipment continues to perform safely and reliably in the field for many years.

- 24/7 helpdesk support
- Maintenance and calibration
- Spare parts program
- Training
- Installation and commissioning
- Emergency response
- Equipment leasing plans

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Choose Single-Source Responsibility & Maximized Availability

Choose Chart

Chart and Gaslink teamed up to create an LNG virtual pipeline for the gas fired power station on Madeira Island.