



# FLARE GAS SOLUTIONS



**HIMOINSA**  
ENERGY SERVICES

# FLARE GAS

is a **byproduct** generated during various industrial processes, especially in the oil extraction, as well as in chemical and gas processing plants.

It consists of gases that are burned and released into the atmosphere, which not only results in a **loss of valuable resources** but also has negative impacts on the environment and the economy.

## OPTIMIZING FLARE GAS MANAGEMENT

is crucial to reduce waste, minimize pollutant emissions, and improve the efficiency of industrial operations.

**HIMOINSA**, a globally renowned brand, stands as a leader in providing dependable and efficient power solutions.





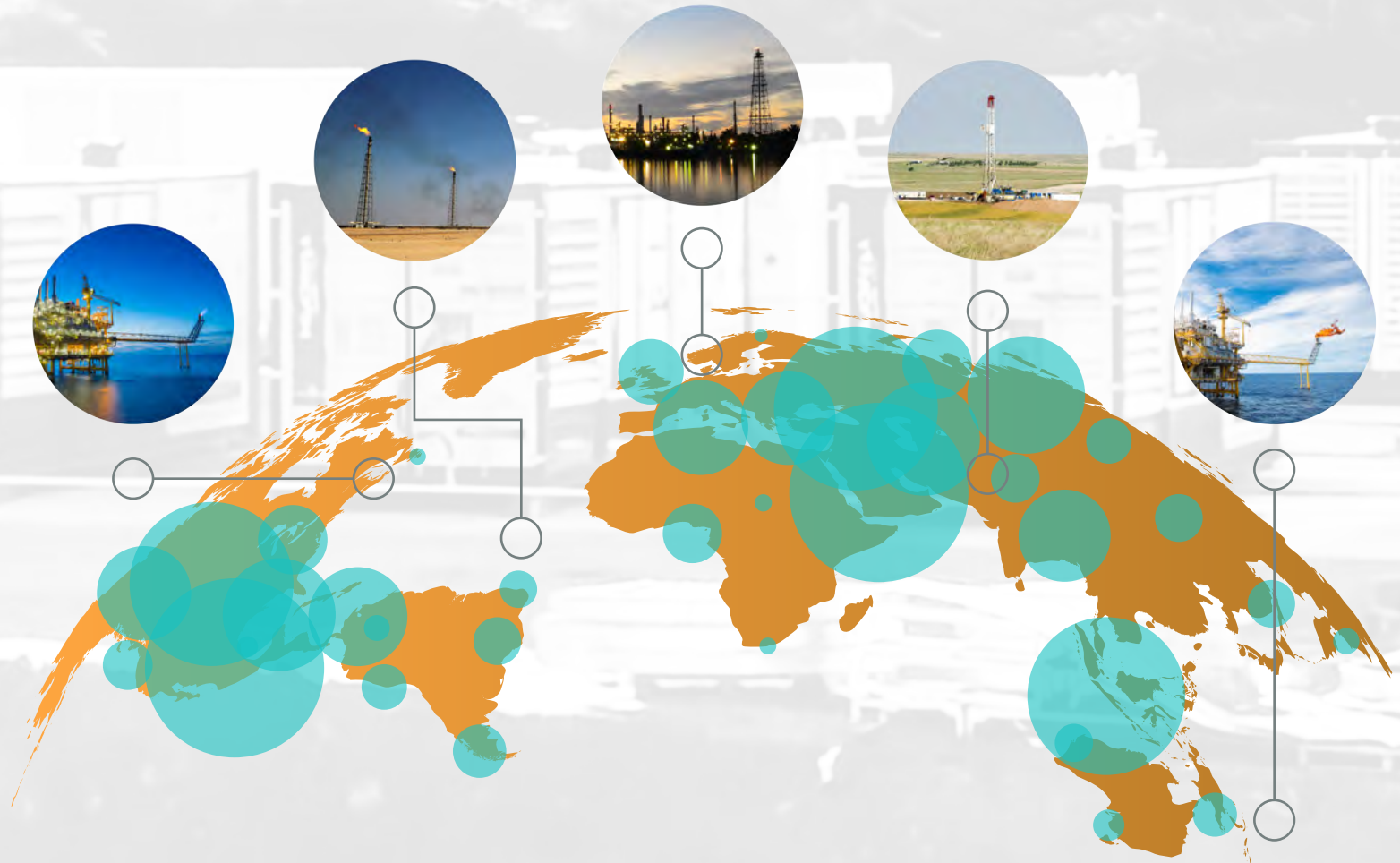


# Gas Flaring Volumes

around the world

## FLARE GAS IS PRESENT ALL OVER THE WORLD

turning gas-powered generator sets into an investment in sustainability and clean power generation.



**HES**  
Dynamic Power Solutions

## HIMOINSA ENERGY SERVICES

offers **MOBILE MODULAR POWER** and **ENERGY SERVICES** to the key sectors across emerging markets where decentralised power systems are an increasingly important solution. "Decentralized power generation, including distributed or off-grid solutions".

### CAPACITY EXPERTISE

HES specializes in temporary projects over 1MW, ensuring the capacity to handle large-scale infrastructure projects.

### CUSTOMER-FRIENDLY PAYMENT MODEL

HES offers a customer-friendly approach with no significant upfront payments, reducing financial burden and enabling easier project execution.

### CUTTING-EDGE TECHNOLOGY

HES utilizes cutting-edge technology, incorporating **the best available efficiency** and multiple fuel options to optimize power generation.

### FAST TRACK PROJECTS

Rapid deployment for urgent power requirements.

### ENVIRONMENTAL COMPLIANCE

HES manages several facilities that meet all environmental requirements, **mitigating potential negative impacts on the surrounding ecosystem.**

### GLOBAL PRESENCE

HES is a business division of HIMOINSA, its parent company, founded in Spain in 1982, starting to expand its commercial activity in the international market to become a leading company in the power generation market.







# 1MW / Gas Generator Sets

MOBILE, COMPACT & LOW OPEX

This versatile HIMOINSA gas generator is able to work with both NG and LPG without loss of power. The design of the 40-foot container has given priority to operation and maintenance, which means there is no need to install any external elements.

**1500-HOUR  
SERVICE INTERVAL**



**RELIABLE  
POWER**



**LOW  
OPEX**



**ROBUST AND  
COMPACT SOLUTION**



**POWER  
EFFICIENCY**



**NATURAL GAS, LPG &  
FLARE GAS OPERATION**



## EQUIPMENT

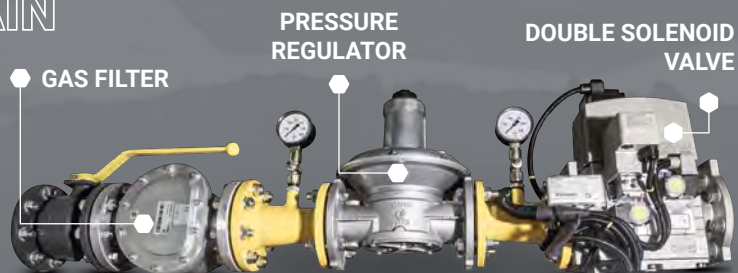
- Ventilation room
- Engine room
- Integrated silencer.
- Engine room ventilation fans.
- Hydraulic kit with a dual-circuit flatbed electrical radiator, including temperature and pressure sensors.
- Expansion vessels to stabilize the pressure.
- The unit is controlled via a DEIF control unit and two touch screens programmed in special configuration by means of modules that allow it to run in island mode, in parallel with other generators and/or the power grid.

## TECHNICAL DATA

MODEL	HGS-950 T5 NG/LPG	HGS-1030 T6 NG/LPG
Engine	GUASCOR G-56SL LCR	
Alternator	STAMFORD S7L1.C41	
Gross COP Power @ pf.1 (KW)	953	1030
Gross COP Power @ pf. 0,8 (KW/KVA)	945 / 1.181	1.023 / 1.278
Voltage (V)	400	480
Fuel Consumption 100% load (NG/LPG) (KW)	2.876	3.088

## GAS TRAIN

The certified gas train has been designed to work with different types of gases (NG and LPG)



L - 12.192 mm  
W - 2.438 mm  
H - 3.177 mm



# THANK YOU



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