Global Customer Service

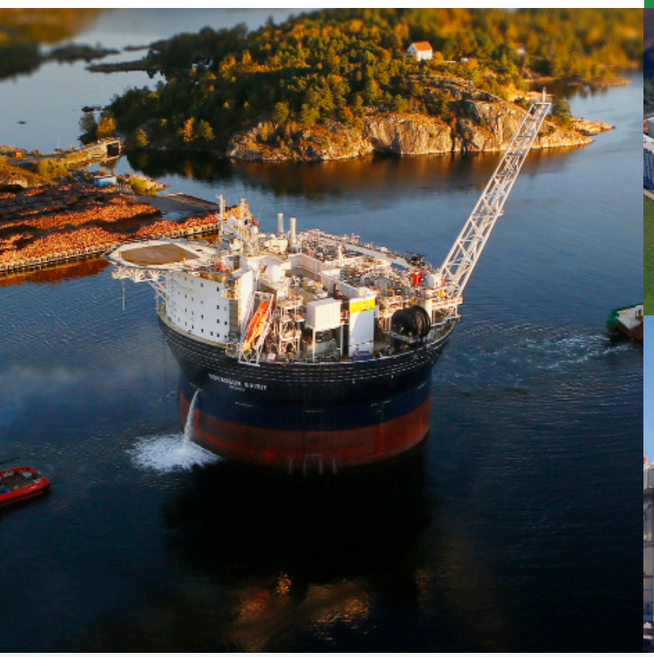
- 24-hour emergency support
- Remote condition monitoring
- Service level training certification
- Installation and commissioning
- Field service and inspections
- Major overhauls
- Product enhancements and upgrades
- 3 level service agreements

Get in Touch With Us

+31 (0)74 245 2121
www.opra.energy
info@opraturbines.com

OPRA
Haaksbergerstraat 71
7554 PA HENGELO
THE NETHERLANDS

OPRA Service Support Center
24/7 Hotline
+31 (0)74 245 2127
service@opraturbines.com

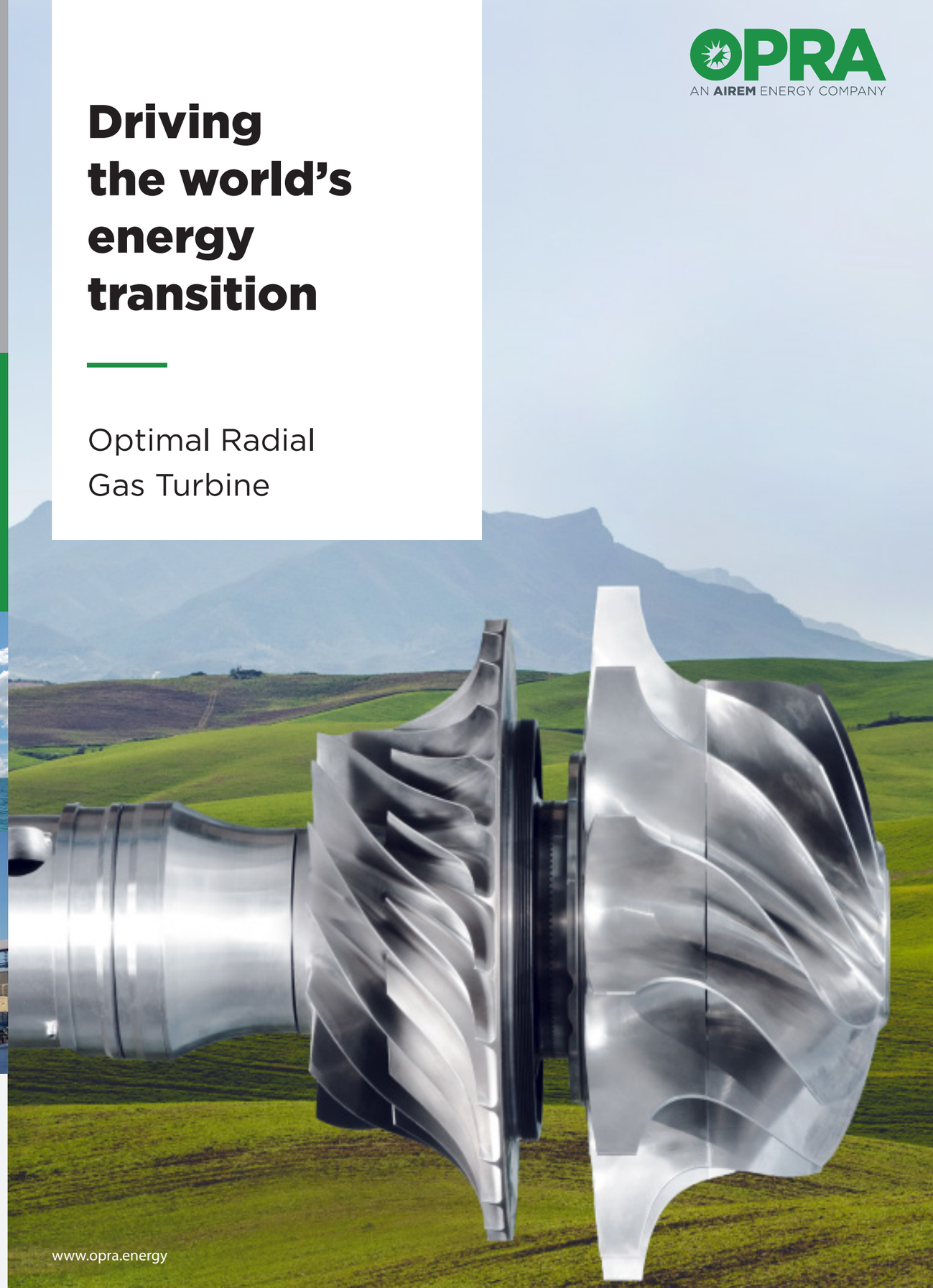


RISAVIKA GAS CENTRE · WÄRTSILÄ · siniat · LUKOIL · HERA · IVC · TK · EIL ELECTRICALPLANTS · SORBES+ · BRITISH AMERICAN TOBACCO · BASF The Chemical Company · PETROBRAS · Otsuka · CERAMICA · Continental CONTITECH · GAZPROM · FUJIFILM · e·on · Twin Rivers Technologies · NOVATEK · Statoil · SAMSUNG · SAMSUNG HEAVY INDUSTRIES · ДВЭУК · ROSNEFT · Chevron · wintershall · SOCHI 2014

Driving the world's energy transition

Optimal Radial Gas Turbine

OPRA
AN AIREM ENERGY COMPANY



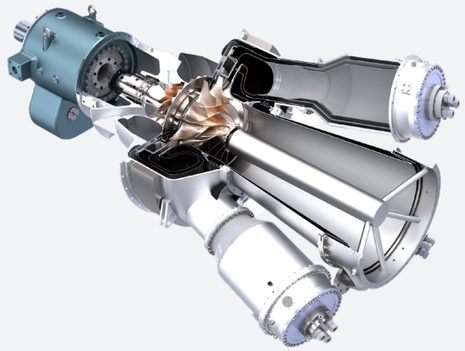
www.opra.energy

The OP16 Gas Turbine
Sophisticated Simplicity

The 1.8 MW OP16 gas turbine has an industrial, all-radial design which provides robustness, reliability, highest efficiency, and low emissions.

OPRA can deliver distributed energy solutions from alternative fuel sources which are well suited for a variety of industries including Oil & Gas, Industrial & Commercial, Waste to Power, and Marine. Dual fuel and off-specification fuel options are available.

OPRA continues to drive the world's energy transition with over 130 gas turbine generator sets worldwide accumulating over 2 million operating hours.



Oil & Gas

- Flare gas
- Upstream
- Onshore in remote sites
- Offshore platforms
- Midstream
- Pipelines and oil tankers
- Downstream
- Refineries
- FPSO's

Industrial & Commercial

- Pulp & paper
- Food processing
- Ceramic
- Chemical
- Rubber
- Gypsum
- Hospitals
- Hotels
- Universities
- Shopping centers
- Pharmaceutical
- Data centers

Waste to Power

- Biogas
- Syngas
- Pyrolysis oil
- Industrial off-gases
- Ammonia plants
- Fertilizer plants
- Methanol plants
- VOC utilization
- Landfills

Marine

- Tankers
- VOCs
- Military
- On-board power
- Cruise ships

OPRA was founded by Jan and Hiroko Mowill in 1991. Jan Mowill had previously led the gas turbine division at a major Norwegian industrial conglomerate where he developed and commercialized the world's first radial gas turbine engine for industrial applications in 1964. OPRA sold its first commercialized gas turbine package in 2005.
In 2017, OPRA Turbines has opened a new state-of-the-art headquarter facility in Hengelo (NL) to further strengthen and increase production and testing capacity following recent growth in business, paving their way to becomin the leading provider of clean gas turbines for distributed
energy solutions.

© Harry Noback Fotografie

OPRA
AN AIREM ENERGY COMPANY

LRQA CERTIFIED ISO 9001

OP16's Key Strengths

Fuel Flexibility

- Low fuel gas pressure required
- Low emission combustors available
- Low BTU fuel gases possible

High CHP Capability

- High exhaust temperature
- High heat to power ratio
- Oil-free exhaust flow guaranteed

Robust Design

- All radial design
- Overhaul only after 42,500 hours
- Bearings located in the cold section
- Easily accessible combustors

Small Footprint

- Easy installation (2 x 20 ft containers)
- Compact and low weight
- Few moving parts
- No cooling water needed