

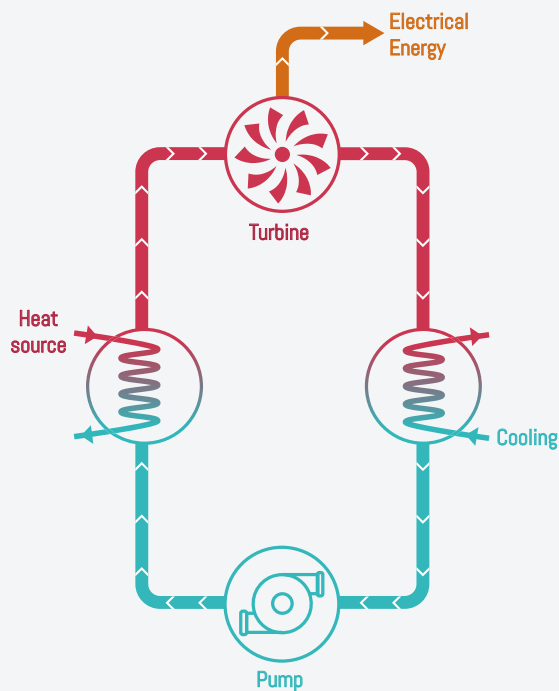
Industrial innovation to support the energy transition

Energy efficiency to meet your expectations



Micro-turbomachinery for a more sustainable world

ORC TECHNOLOGY



ENOGIA:

- uses the principle of the Organic Rankine Cycle principle to convert waste heat into electricity,
- develops, sets up a unique micro-turbomachinery technology that can generate electric power from 10 to 180 kWe,
- offers custom solutions to meet customers expectations.

ORC MODULES:

- can work on a wide range of heat sources to produce electricity, either used locally or injected into the grid,
- are high-performant, compact and durable.

THE WIDEST RANGE IN THE ORC MARKET

ENOGIA's innovation relies on a patented micro-turboexpander which was specifically designed for high reliability and performance, as well as low maintenance.

Unlike volumetric expanders, our system is oil free and there is no metal to metal contact in our turbine, ensuring no wear and excellent reliability.

Product range	"LT" (Low temperature)
Hot side condition	Hot water from 75°C to 120°C
Working fluid	R-1233zd
10 kWe	ENO-10LT
20 kWe	ENO-20LT
40 kWe	ENO-40LT
100 kWe	ENO-100LT
180 kWe	ENO-180LT



Modules are also available in medium temperatures
(Hot water from 120°C to 200°C)

APPLICATIONS



BIOGAS

- Waste heat recovery after engines or biogas boilers



BIOMASS

- Heat valorization after biomass boilers



GEOTHERMAL

- Natural hot sources
- Medium temperature wells
- Oil & gas wells



INDUSTRY

- Energy efficiency optimization after industrial processes



TRANSPORT

- Sea and river

ORC TECHNOLOGY KEY POINTS

High efficiency even with low temperature heat sources,

Reduced ownership costs thanks to low maintenance,

Reliable and extremely compact turnkey solution.



ENOGIA responds to the major challenges of the ecological and energy transition with its unique and patented technology of compact, light and durable micro-turbomachinery. As the French leader in heat- to-electricity conversion with its wide range of ORC modules, ENOGIA enables its customers to produce decarbonised electricity and to recover waste or renewable heat.

Since 2020, ENOGIA has also been marketing air compressors for fuel cells, thereby contributing to the development of hydrogen mobility.

Founded in 2009 and based in Marseille, ENOGIA has nearly 50 employees involved in the design, production and marketing of environmentally friendly technological solutions. ENOGIA's CSR commitment represents an "Advanced" level of performance according to Ethifinance. ENOGIA is listed on Euronext Growth Paris.



19 avenue Paul Héroult 13015 Marseille - FRANCE
+33(0)4 84 25 60 17 - info@enogia.com

www.enogia.com

ALENO

EURONEXT
GROWTH