

# PRESS KIT

MAKING ENERGY A SUSTAINABLE  
PERFORMANCE LEVER

[WWW.SAVOIEPROCESS.FR](http://WWW.SAVOIEPROCESS.FR)

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Summary



# Welcome

At Savoie Process, we are dedicated to reinventing the future of energy by incorporating sustainable and innovative practices. We aim to strike a perfect balance between environmental well-being and operational efficiency, enabling our clients to thrive in an ever-changing world. Our ambition is to lead this transformation by presenting solutions that not only meet current energy demands but also safeguard resources for future generations.

## Savoie Process



At Savoie Process, we believe in an industry where every kilowatt-hour is used wisely, every process is optimized to minimize environmental impact, and every client becomes a key player in the energy transition. Our commitment goes beyond providing technology: we are partners to our clients, pioneers in our industry, and active contributors to a sustainable future.



**Bruno ACQUISTAPACE**  
Process & Technical Director

**Jean HUCHET**  
CEO

**Fabrice CATTELIN**  
Sales & Marketing Director



# Who we are ?

We are an innovative company specializing in sustainable energy solutions. With our expertise in the food, pharmaceutical, cosmetic, and fine chemical sectors, we support industrial clients in their decarbonization and energy efficiency projects. Our goal is to enhance our customers' productivity while reducing their carbon footprint through tailored, eco-efficient solutions. Our team consists of passionate experts dedicated to the energy transition, committed to making a tangible difference on the industrial sector.

We believe in a future where energy efficiency and environmental responsibility go hand in hand with economic growth.

# Our values



## EFFICIENCY

We invest our energy intelligently, at the right time and at the right level, to ensure continued performance in our services and products



## WELL-BEING

We cultivate an environment where conviviality and fulfillment are at the heart of our daily lives.



## PROGRESS

Each project, each action and each decision is assessed in terms of its environmental impact, thus contributing to the energy transition.



## STIMULATION

We fuel our passion for diversity, challenge and autonomy, essential to our decarbonization mission.

# Our vision



Our vision is clear: to become a leader in responsible energy solutions, where well-being and efficiency are the cornerstones of a sustainable transition. We aspire to a future where every industry can combine performance and environmental respect through innovative technologies.

## Our ambition

### SUSTAINABLE TRANSITION TARGETS

- 2030 : Avoid 657,000 tons of CO<sub>2</sub> emissions.
- 2050 : Replace 100% of carbon-based energy solutions with carbon-neutral production methods.

### EFFICIENCY GOALS

- Ensure that 1 kWh of electricity produces at least 3 kWh of thermal energy, regardless of climatic conditions.
- Eliminate 100% of waste heat from our clients' industrial processes.

### WELL-BEING OBJECTIVE

- Design daily energy solutions that preserve comfort and quality of life.

**657,000 tons of CO<sub>2</sub>  
emissions avoided by  
2030**

# Solution Overview

# ECOFICIENT®



## OBSERVATION

- **110 TWh** of waste heat potential in France, with one-third coming from the food industry (source: ADEME).
- According to the International Energy Agency (IEA), around **50%** of global energy consumption is lost as waste heat, primarily from industrial processes and electricity production (IEA, 2023).
- **40%** target for reducing greenhouse gas emissions by 2030 compared to 1990 levels (SNBC)
- 2050, **carbon neutrality target** (France 2030).
- Up to **50%** of the fossil energy consumed by a boiler for steam production is used solely to maintain the network at the corresponding temperature and pressure, often well above the process requirements.

ECOFICIENT® is a 100% electric industrial solution, with a COP of 3–5, capable of heating and cooling processes from 6°C to 120°C (standard version). It is a needs-based system, avoiding the oversizing common in conventional equipment.

ECOFICIENT® is a solution tailored to needs, unlike the usual equipment offered by power range and therefore too often oversized. This is the result of an intelligent integration of proven technological components and solutions, with, at its core, an energy loop and patented energy storage systems.



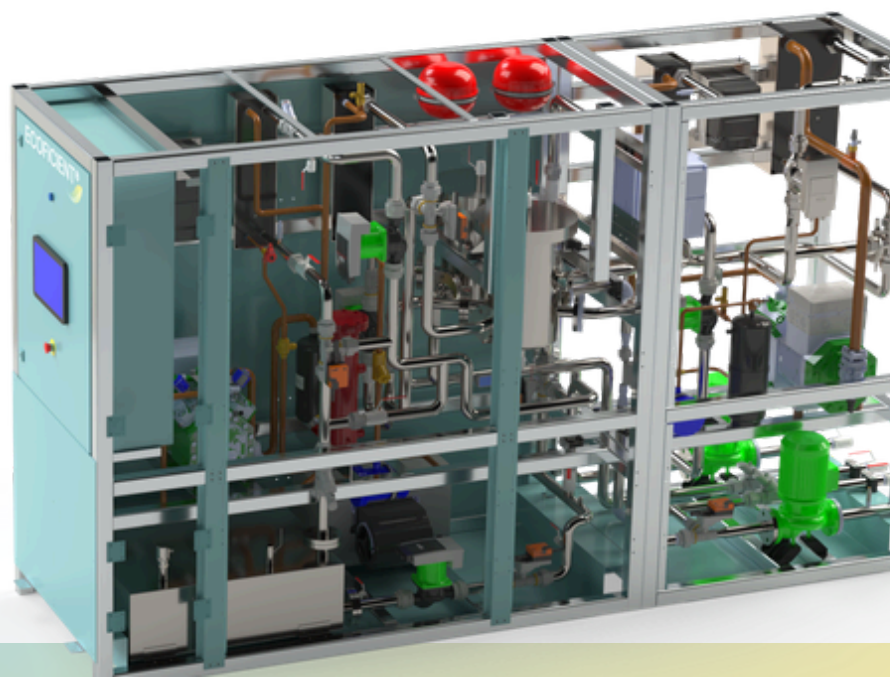
**100%**  
electric



**0**  
fossil fuels



**100%**  
energy savings (up to)



The **ECOFICIENT®** solution ensures the production of thermal fluids precisely as needed, just-in-time, and at the expected temperature gradients. Our target market is production units in the food processing, cosmetics, pharmaceutical, and other industrial sectors that consume both heating and cooling. The ability to independently produce each thermal fluid allows us to work with both continuous and batch applications, thanks to our adaptable storage capacities.

## ENGAGEMENT

### ROI (Reliability, Performance, and Support)

Up to ≤ 3 years (*without incentives*)

Up to ≤ 1 year (*with ESC/other schemes*)

### RELIABILITY

Proven, robust technologies and expert partners.

### PERFORMANCES

Improved profitability, productivity, and environmental impact; supporting energy transition via energy efficiency and decarbonization.

### LONG-TERM SUPPORT

Integrated monitoring for performance supervision, preventive actions, and continuous improvement.

Energy loop: Waste heat recovery and utilization from cooling.

Intelligent energy storage for precise thermal management.

## PATENTED INNOVATIVE TECHNOLOGY

## ELIGIBILITY

### ESC Certificates

IND-UT-102, IND-UT-113, IND-UT-114, IND-UT-115, IND-UT-116, IND-UT-121, IND-UT-131, IND-UT-132, IND-UT-136, IND-UT-137, IND-UT-139, RES-CH-108.

### ADEME

Project calls, Heat Fund, R&D programs.

### WATER AGENCY

Financial incentives for efficient water management.

### FRANCE 2030

R&D support for green tech and energy innovation.

### EU DIRECTIVE

2012/27/EU : Energy efficiency and industrial waste heat recovery.

# Our results

We collaborate with SMEs, mid-sized companies, large corporations, and industry leaders to improve manufacturing performance, energy transition, and environmental impact. Here are some examples of results from our collaborations:

## AGRI-FOOD

- **Savings of 156 m<sup>3</sup> of CIP** solution per year.
- **Reduction of 4,000 liters** of detergents used annually.
- **Gain of 345** production hours per year.

## COSMETIC

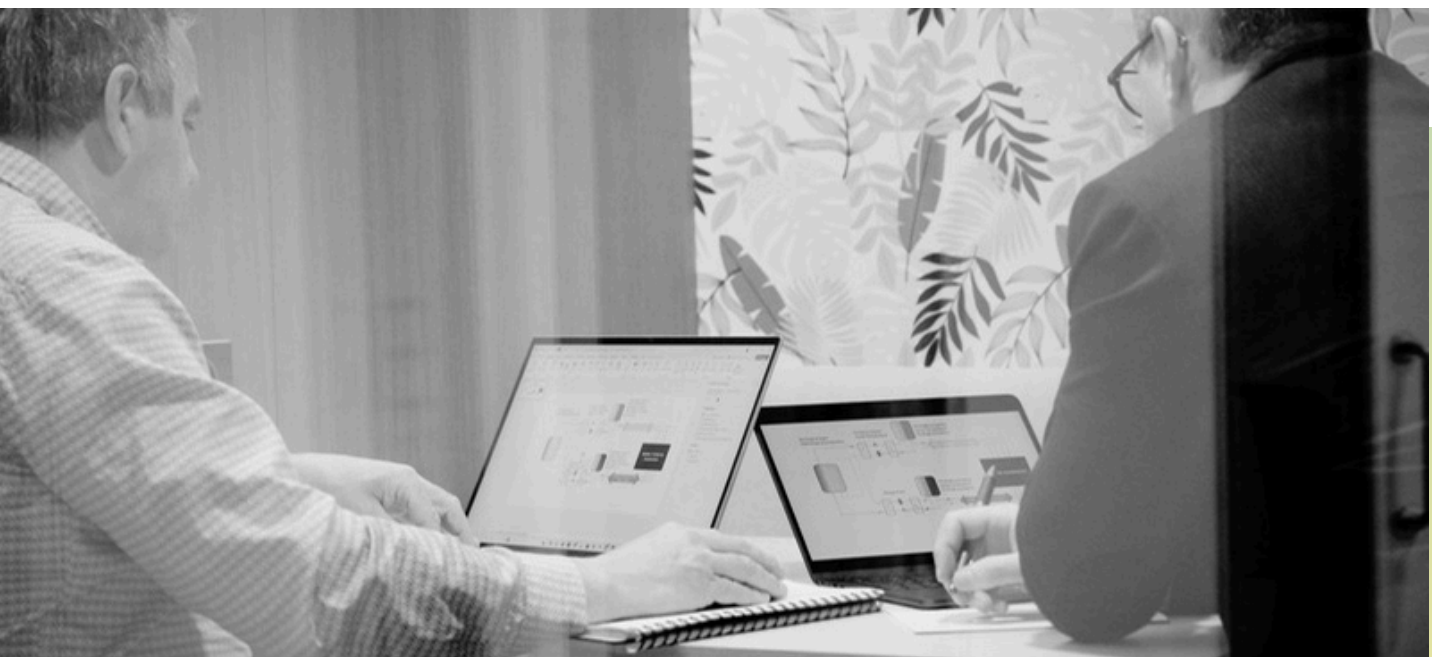
- **One-third reduction** in softened water consumption.
- **50% reduction** in reverse osmosis water consumption.
- **One-third reduction** in detergent and energy use for equipment cleaning.
- **Gain of 100 additional** production capacity days per year.

## PHARMACY

- **Savings of 630 m<sup>3</sup> of water** per year.
- **Reduction of 400 MW** of unused energy annually.
- **Gain of 1,000 production** hours per year.

## CHEMISTRY

- **Reduction of 322 tons of CO<sup>2</sup>** not released per year.
- **Savings of over 2,000 m<sup>3</sup> of water** per year.



# Our references & rewards

THEY SUPPORT US



THEY CONTRIBUTE TO THE ECOFICIENT® SOLUTION



THIS BELONGING MATTERS TO US



WE ARE PROUD AND GRATEFUL



Acting for the climate means acting for tomorrow's performance.

# Our customers





## Contact

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