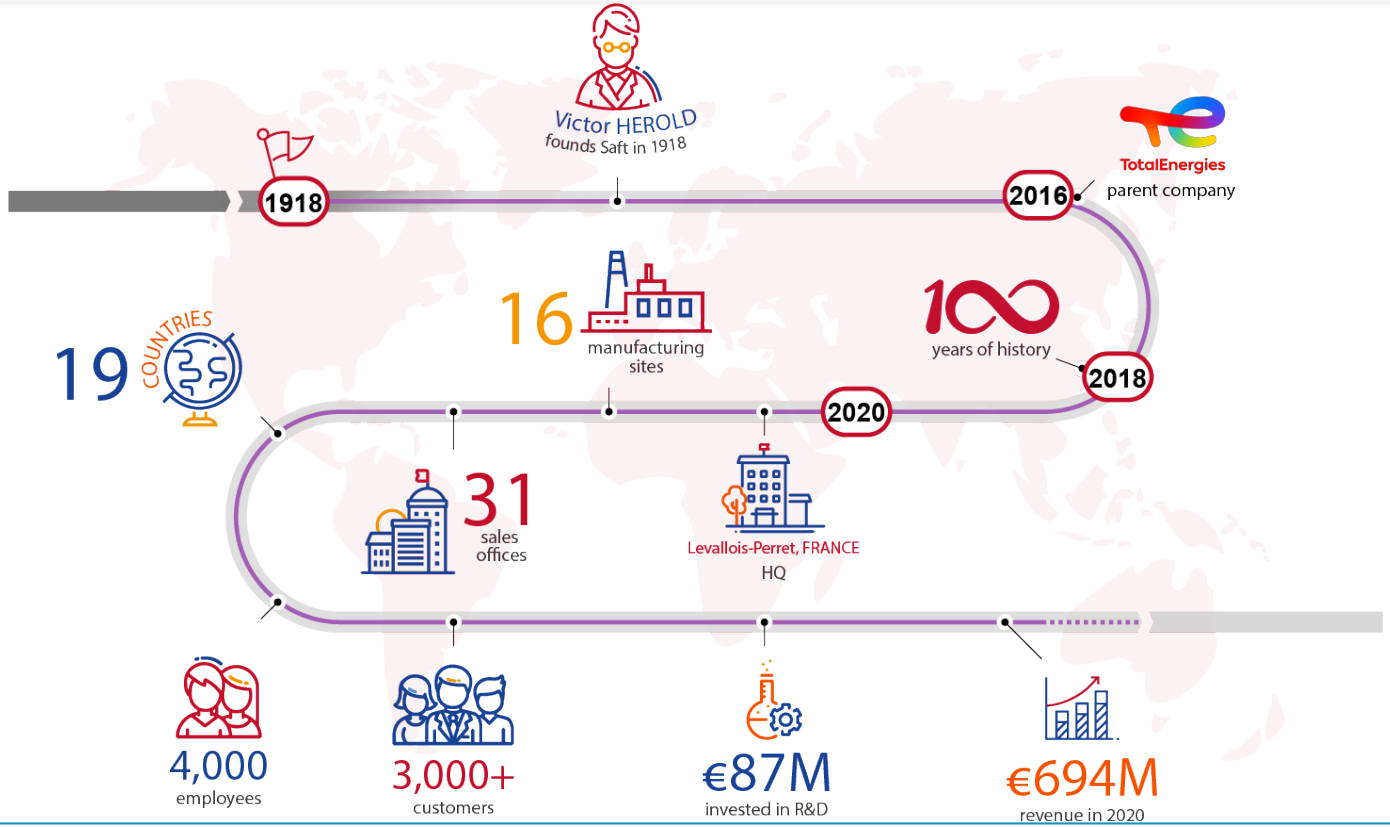
Saft Presentation

Saft today



Our global presence

- **HQ** (Levallois-Perret, France)
- **Sales & manufacturing sites**
- **Sales offices**
- **Manufacturing sites**

31 sales offices

19 COUNTRIES

16 manufacturing sites

Our purpose and values

We energize the world. On land, at sea, in the air and in space.

Safety

Respect for each other

Pioneer spirit

Stand together

Performance minded

Our strategy, Energize25, has 3 pillars

EXPAND

- Existing applications on core markets
- New applications on core markets
- Energy Storage Solutions

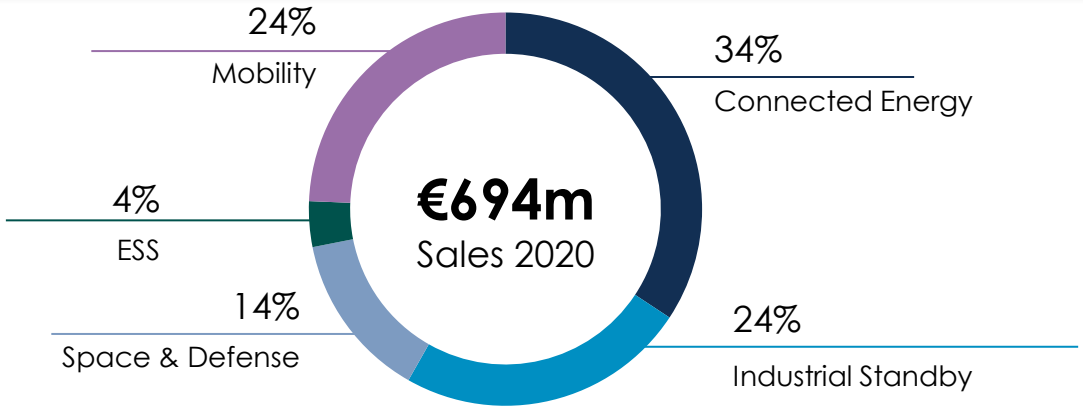
EXCEL

- Customer focus
- Skills & Talent
- Digitalization & operational excellence

INNOVATE

- Technology
- Differentiated products
- Strategic partnerships
- Business models

2020 sales by division



€169m
Mobility

26m€
ESS

€238m
Connected Energy

€95m
Space & Defense

€166m
Industrial Standby

We power a wide range of applications for blue-chip customers

saft

Management Committee

Ghislain Lescuyer
CEO

Hervé Amossé
EVP, ESS

Igal Carmi
EVP, Connected Energy

Franck Cecchi
EVP, Mobility

Lenny Cypel
EVP, Industrial Standby

Annie Sennet
EVP, Space & Defense

Bertrand de La Noue
Chief Financial Officer

Kamen Nechev
Chief Technology Officer

Pierre-Yves Tilly
Chief Human Resources Officer

Elma Peters
Global Director of Communications

Connected Energy

Igal Carmi

Manufacturing sites:
- Büdingen, Germany
- Kiryat Ekron, Israel
- Poitiers, France
- Raškovice, Czech Republic
- South Shields, UK
- Valdese, US
- Zhuhai, China

Market overview: Connected Energy

Main applications

- Smart metering
- Electronic Toll Collection (ETC)
- E-call
- Asset tracking
- Industrial Internet of Things (IoT)
- Medical devices
- Portable military
- Oil drilling
- Environmental monitoring
- Security systems

Main technologies

- Primary lithium batteries
  - LiSOCl2
  - Li-MnO2
  - Li-SO2
  - Hybrid
- Lithium-ion batteries

Space & Defense

Annie Sennet

Manufacturing sites:

- Cockeysville, US
- Poitiers, France

Market overview: Space & Defense

Main applications

- Communications, scientific and observation satellites
- Satellite launchers
- Space vehicles

- Weapon systems & torpedoes
- Military aircraft
- Armored vehicles

- Work boats & ferries
- Cruise liners & luxury yachts
- Cargo & offshore vessels

- Formule 1
- Formule E

Main technologies

- Lithium-ion batteries
- Silver-based batteries (for torpedoes and missiles)

2020 highlight Space & Defense

Delivered 2000 batteries for JSF F-35 Lightning II

Industrial Standby

Lenny Cypel

Manufacturing sites:

- Bangalore, India
- Bordeaux, France
- Nersac, France
- Oskarshamn, Sweden
- Raškovice, Czech Republic
- Valdosta, US

Market overview: Industrial Standby

Main applications

- Emergency back-up power, starting power and cycling applications in the oil and gas industry
- Power generation and distribution
- Railway signaling systems
- Backup power for the telecommunications industry

Main technologies

- Nickel technology batteries
- Lithium-ion batteries

2020 highlight
Industrial Standby

Flex'ion™ Gen2 battery for data centers: safer, with more power and lower impact on environment

ESS

Hervé Amossé

Manufacturing sites:

- Bordeaux, France
- Jacksonville, US
- Zhuhai, China

Market overview: ESS

Main applications

- Energy storage solutions for network services and renewable energies
- Micro-grids for commercial and industrial applications

Main technologies

- Lithium-ion batteries

2020 highlight ESS

Launch of a new energy storage hub for renewables in China

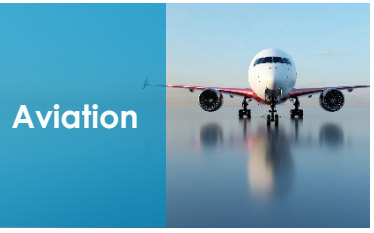
Mobility

Franck Cecchi

Manufacturing sites:

- Bangalore, India
- Bordeaux, France
- Jacksonville, US
- Nersac, France
- Raškovice, Czech Republic
- Valdosta, US
- Zhuhai, China

Market overview: Mobility



Main applications

- Backup power for lighting, air-conditioning & on-board communications, & critical safety applications (emergency braking & door opening systems)

- Electrification of industrial vehicles

- Backup power and emergency systems
- Engine and turbine starting

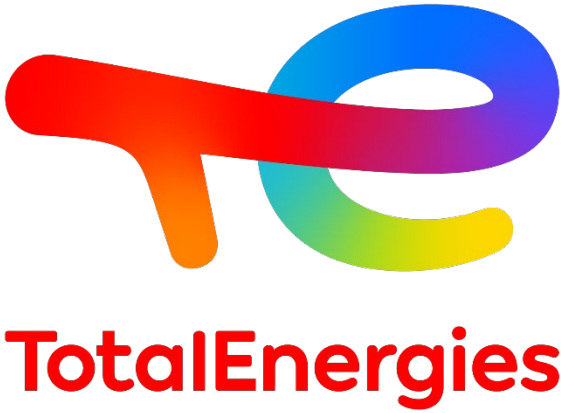
Main technologies

- Nickel technology batteries
- Lithium-ion batteries

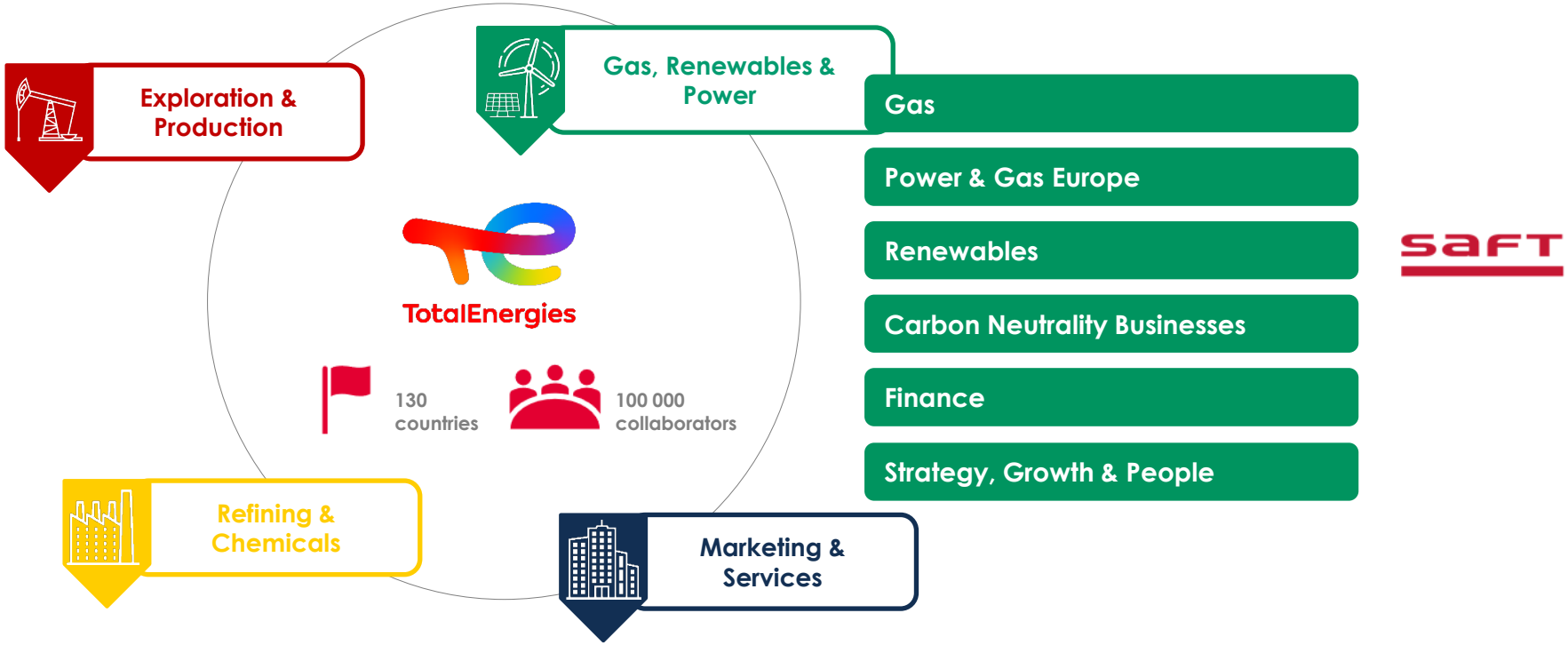
2020 highlight Mobility

Powering new Moscow metro train with first emergency traction system

Saft,
A wholly owned subsidiary of TotalEnergies



Where we fit in TotalEnergies



GRP at a glance

World's second largest LNG operator

More than **10,000** employees

Present in more than **40 countries**

+9 million sites and customers in 2021

A **major player** in renewable energies with ~7 GW of capacity developed

~16 million people reached by our Access to Energy program

Ambitions

Defining a service and product offering that contributes to **carbon neutrality**

Contributing to the growth of **natural gas** markets

Becoming a major player in **electricity** and **renewables**

Our partnerships

Total/Saft & Groupe PSA/Opel create ACC JV dedicated to EV battery manufacture

ACC: Joint Venture with Stellantis

In 2020, Total/Saft and Groupe PSA/Opel created **ACC**, a JV dedicated to the manufacture of EV batteries in Europe

Name: Automotive Cells Company (ACC)

Scope: Development, manufacturing, industrialization and sales

Technologies: Advanced Li-ion cells, modules and packs

Markets: Electric Vehicles (EV)

Geographic scope: Europe and worldwide markets

Saft joins forces with Tianneng to grow in China

TSE: Tianneng Saft Energy

In 2019, Saft signed an agreement with **Tianneng Energy Technology (TET)** to create a joint venture. Saft has a **40% shareholding;** Tianneng holds the remaining shares.

Name: Tianneng Saft Energy company (TSE)

Scope: Development, manufacturing and sales

Technologies: Advanced Li-ion cells, modules and packs

Markets: E-bikes and Electric Vehicles (EV), Energy Storage Solutions (ESS)

Geographic scope: China and worldwide markets

Research & Development excellence

2 incubators
(Bordeaux, FR & Cockeysville, US)

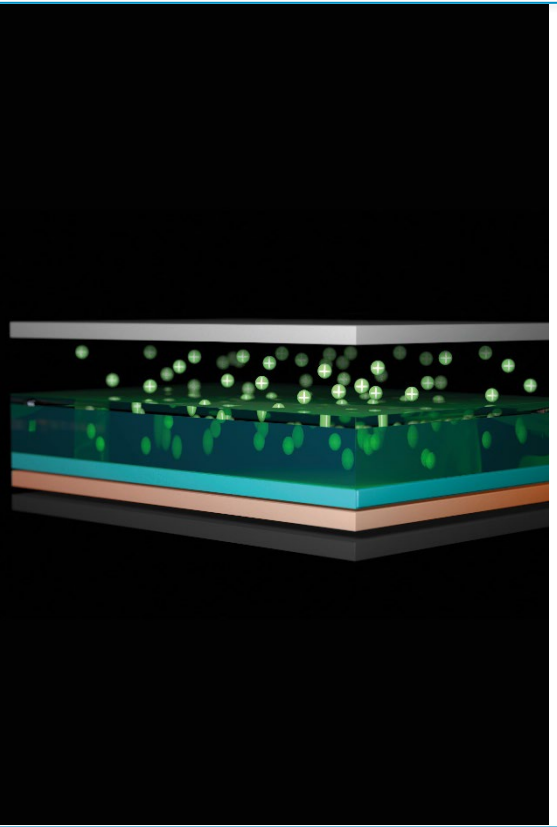
€87m
invested in **R&D**
12.5% of sales

15
patents granted in 2020
Total portfolio of patents : 219

223 Saft **technical Experts** recognized

Continuous innovation for superior products and technology

Saft's solid-state technology



What is it?

In all-solid-state batteries, the liquid electrolyte is replaced by a solid compound.

What are its advantages?

- **Safety:** solid electrolytes are **non-flammable** when heated, unlike their liquid counterparts.
- **Energy density:** a **high power-to-weight ratio;** the batteries are denser, lighter and have a better shelf-life.

Sustainable development

Clean energy

- Our batteries are **zero CO_2** energy storage devices
- **Li-ion** technology allows **innovative** and **sustainable energy** related services

Sustainable design

- Advanced batteries **tailored to customer needs** increase our customers' **energy efficiency**
- Our battery designs incorporate **recycling constraints** without compromising performance

Circular economy

- **Recycling** of used nickel-based batteries through our **take back network**
- Over **75% of materials** are extracted to be reused by industry

Manufacturing

- Saft is committed to **minimizing all impacts** from manufacturing operations
- Saft policy is to exceed **compliance with national laws and regulations** governing environmental protection

Follow us online!

saftbatteries.com