



EUROPEAN LEADER

FOR THE TREATMENT AND RECOVERY
OF HAZARDOUS WASTE
AND POLLUTED SITES

SARPI  VEOLIA

From its creation,

the mission

of SARPI

has been to sustainably
control waste risk to keep
industrial activity viable.

Today, in a world undergoing economic
and environmental transformation,
where reducing resources and
environmental protection have
become a necessity, SARPI's mission
takes on its full meaning.

Over almost 50 years,
SARPI has become the
biggest European network
dedicated to the collection
of dangerous waste
and thereby contributes
to protecting the
environment and
future generations
from pollution.

Summary

01

02

03

ACT BY SARPI

- ACT for Safety,
- ACT with People
- ACT for Future
- ACT for Customers
- ACT for Growth
- ACT for Territories

04

05

01

ABOUT US



01

THE LEADER

in the treatment and recovery of dangerous waste in Europe



A PIONEER IN THE TREATMENT AND RECOVERY OF DANGEROUS WASTE, VEOLIA PAVED THE WAY BY CREATING SARPI ALMOST 50 YEARS AGO TO MEET THE TECHNOLOGICAL, ECONOMIC AND ENVIRONMENTAL CHALLENGES OF ITS CUSTOMERS AND PARTNERS THROUGHOUT EUROPE.

Every day, 4,2000 experts work on more than 110 sites across ten European countries to treat and recover dangerous waste, thereby allowing manufacturers to continue production while limiting their environmental impact.

Since its creation, SARPI's mission has been to sustainably control waste risk to keep industrial activity viable. Today, in a world undergoing economic and environmental transformation, where reducing resources and environmental protection have become a necessity, SARPI's mission takes on its full meaning.

SARPI designs sustainable solutions to control environmental and health risks related to all types of dangerous waste

Whatever the risk: flammable, toxic, corrosive, cancerogenic, ecotoxic, combustible etc.

Whatever form it takes: solid, slurry, liquid, powder, gas, casks, small packages etc.

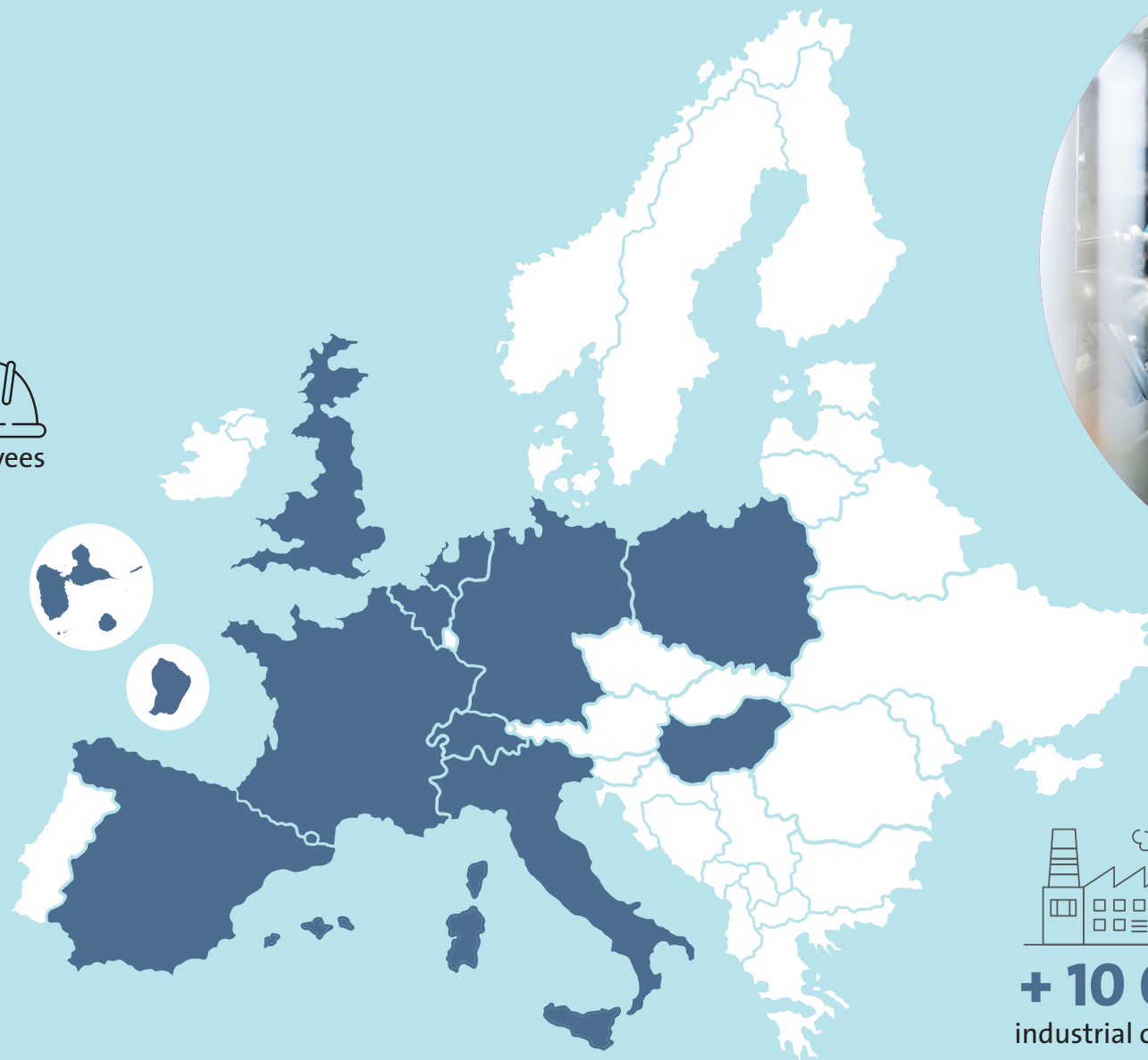
01

SARPI, Key figures

more than **4 200**  employees

 **110** industrial sites
in **10** European countries
(Belgium, France, Germany, Hungary, Italy,
Netherlands, Poland, Spain, Switzerland,
United-Kingdom,)

 **+ 10 MT**
of waste treated on our sites per year





 **+ 10 000**
industrial customers

 **100 000**
tertiary customers



Since 1975, SARPI has been leading the way in industry, based on fundamentals that are part of the company's DNA and shared by everyone.

	29	Physico-chemical and biological treatment units
	14	Physico-chemical mineral treatment units
	7	Hazardous waste landfill sites
	19	Recycling units: solvents, oils, metals, hydrocarbons, batteries, etc.
	16	Soil management and treatment sites
	17	Incineration lines
	47	Sorting, transit and regrouping platforms
		Network of remediation agencies in Europe

02

OUR FUNDAMENTALS



02

OUR MISSION

“our vocation”

**SUSTAINABLY CONTROLLING WASTE
RISK TO KEEP INDUSTRIAL ACTIVITY VIABLE**

Our profession was born in 1975 with the regulatory requirement for manufacturers to have their waste processed in appropriate facilities. Since then, in a world undergoing economic and ecological transformation, our mission has never made so much

sense: allowing manufacturers to continue their production while limiting their environmental impact by treating dangerous waste and confining pollutants.



OUR BUSINESS

“our skills and our high-standards”

**THE TREATMENT
AND RECOVERY
OF DANGEROUS
WASTE**

At SARPI, we collect dangerous industrial waste that, due to its composition or properties presents a danger to human health or the environment. On our sites, this type of waste undergoes various treatments to control toxicity, confine pollutants and recover the recyclable fraction where possible.

The handling of dangerous materials on an industrial scale is a huge responsibility with regard to populations, our customers, our subcontractors and our employees. The viability of our company is based on the trust they place in us in our ability to ensure the safety of everyone, citizens and employees.



02

OUR MODEL “is unique”

**A EUROPEAN NETWORK OF SOLUTIONS INTEGRATED
INTO THE TREATMENT AND RECOVERY CHAIN
UNTIL THE STORAGE OF THE END RESIDUES**

SARPI's strength also lies in how its network of complementary industrial sites. Our customers benefit from our treatment and recovery solutions, the continuity of our services, the complete

traceability of waste, and our ability to innovate to meet their needs and expectations as precisely as possible. Today, SARPI has a web of more than 75 industrial sites in nine European countries.



**RISK CONTROL
TO ENSURE SAFETY
OF ALL OUR PARTS
STAKEHOLDERS.
TRACEABILITY,
THE NON-DILUTION,
THE DECONTAMINATION
OF THE RECYCLING LOOP
WASTE TO PRESERVE
THE ENVIRONMENT
POLLUTION.**

OUR COMMITMENTS

“the pillars that guide
our actions every day”

**Traceability, non-dilution and
decontamination of the waste recycling
loop to protect the environment from
pollutants**

Since its creation, SARPI's guiding light has been risk control to protect populations from pollution. Every day, our job is guided by three fundamental principles:

✓ **non-dilution**, which means that SARPI does not mix different types of waste. All our facilities are designed to receive and treat waste with a high concentration of pollutants.

✓ **decontamination**, which means that in all our treatment and recycling processes there is always a stage that consists of separating, confining and treating the polluting portion. A recycling process without a decontamination phase will result in the accumulation and dispersal of pollutants in the products put back into circulation.

✓ **traceability**: our control systems let us track waste from collection to final processing and inform our customers of what happens to their waste transparently.

02

OUR VALUES

“profoundly human”»

STRONG ENVIRONMENTAL BELIEFS, A PERMANENT QUEST FOR PERFORMANCE, GOODWILL AND AN ENTREPRENEURIAL SPIRIT

The very principle of respect for the environment has been anchored in SARPI's DNA from the beginning and gives each employee's day-to-day work genuine meaning, regardless of their job or position within the company. Our company's real value lies in the sustainable connection between SARPI and each of its employees and also the effective cooperation that each employee exercises within their team.

This long-lasting trust relationship, which allows employees to gain independence and improve their skills, is essential to our performance. General enthusiasm and our passion for our job bear witness to the fact that SARPI is driven by profound human values and an incredible team spirit that makes our togetherness our great strength and the driving force behind our success.



03



03

ACT by SARPI !

OUR COMPANY PROJECT, OUR COMPASS FOR THE NEXT THREE YEARS

ACT by SARPI is a shared approach that involves all our employees and sets involving, ambitious, realistic, shared and motivating objectives. It is an approach based on tangible, measured operational indicators with local initiatives and cross-disciplinary working groups.

Our approach aims to be plural and address all society's stakeholders and actors with the following objective: **our effective contribution to the ecological transformation in all sectors and the reduction of our own environmental impact.**

ACT!
by Sarpi



03



Our commitment to safety: improve our risk control to benefit our employees, customers and neighbours.



Our commitment to our staff: bigger, more diverse, better-trained teams with the same level of commitment.



Our commitment to the environment: to reduce our impact on the air, the climate and water resources.



Our commitment to our customers: improve loyalty with a positive relationship and support them in their ecological transformation.



Our commitment to our sites: to develop them and retain our permanent quest for progress.



Our commitment to supporting territories with their sustainable, economic and social development.

04

OUR KNOW-HOW



04

OUR KNOW-HOW

Whether the precise composition of the waste is known or not, whether it involves accidental pollution, a complex decontamination site or the handling of hazardous waste, SARPI has high-performance solutions that comply with its environmental commitments and the regulatory standards in force.

SARPI handles waste from industries, collectors, SMEs and SMLs, as well as institutions, public authorities and local authorities.

▶ Identify and characterise the hazardous waste

SARPI offers waste management solutions after full analysis of the waste (nature, physico-chemical characteristics) in its laboratories.

SARPI's laboratories guarantee compliance with the regulatory requirements for accepting waste for the most appropriate treatment method.

▶ Ensuring **tracability**

The law stipulates that any producer of waste remains its owner until it is disposed of.

SARPI's customer extranet guarantees full traceability by providing 24/7 access to administrative monitoring of waste processing within its network: waste tracking slips, hazardous waste transport receipts, prefectural decrees, etc.

The customer extranet and TrackDéchets can be connected so that BSDs can be sent automatically.

▶ Guaranteeing care for all types of hazardous waste

Thanks to its mastery of complex processes, its extensive network and the complementary nature of its industrial facilities, SARPI and its subsidiaries control the entire hazardous waste treatment cycle, whatever the condition, risk or packaging.



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Treatment and recovery of hazardous waste

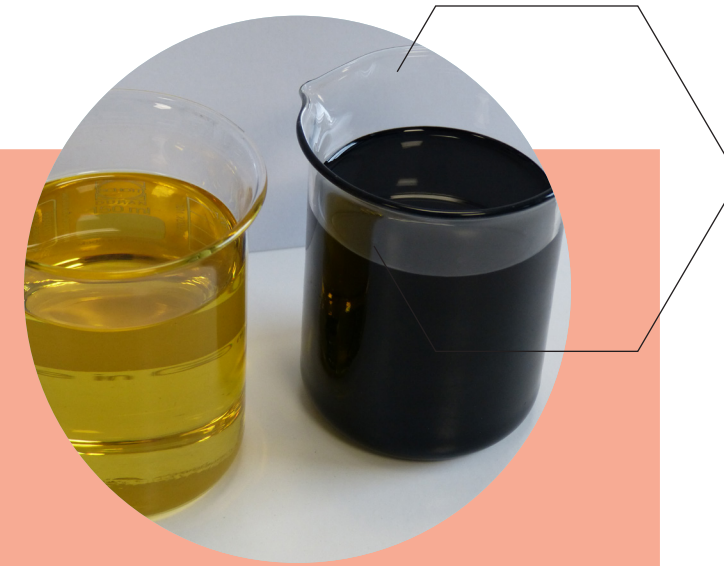
SARPI has a network of complementary specialised facilities available to all industrial basins, forming an industrial waste treatment supply chain that is unique in Europe: local platforms (transit, sorting, pre-treatment), treatment centres (incineration, physico-chemical, biological, stabilisation, etc.) and recovery units.

SARPI is committed to ensuring the continuity of its services by mobilising all its local channels, with complete transparency for its customers.



Recycling

In dedicated facilities, SARPI recycles the recoverable fraction contained in waste. Whether it's black oil regenerated into base oil, used edible oils collected from restaurants and transformed into biofuel at its plant, or solvents, SARPI's expertise means that waste can be given a second life, thereby limiting the extraction of raw materials and natural resources.



In situ services

To control secure management within companies with the support of specialised experts, or to delegate management.

SARPI makes its mobile teams available to customers in France and abroad, working on industrial sites as delegated operator, administrative and logistics coordinator or delegated equipment operator.

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▶ Remediation and decontamination of polluted sites and soils

SARPI's expertise also includes the remediation of polluted sites, soils and industrial brownfield sites.

SARPI provides treatment solutions to restore contaminated sites using proven techniques.

SARPI is also an **expert in the management, treatment and recovery of all types of effluent** (industrial, groundwater, surface water) and has **complete expertise in the treatment and recovery of biogas** for industrial companies and landfill operators.



Global management mineral waste

Expert in the global management of mineral waste, SARPI operates various facilities classified for environmental protection that support, in strict compliance with the regulations in force:

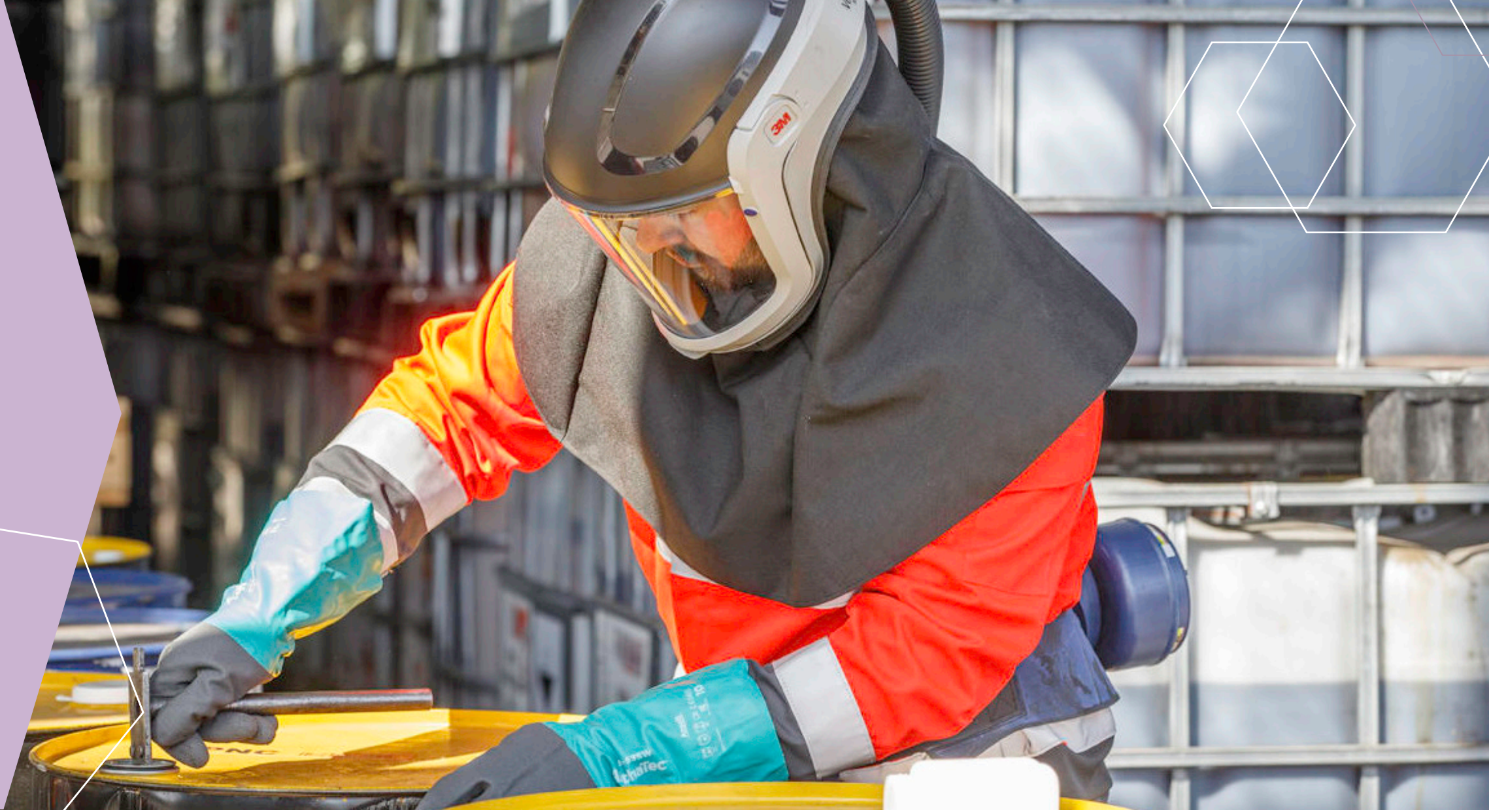
- **hazardous mineral waste** (hydroxide sludge, refractory, process residues, clinker, etc.);
- **naturally occurring radioactive waste**
- **flue gas cleaning residues** (incineration of household waste or hazardous waste, biomass, SRF, etc.),
- **waste containing asbestos;**
- **waste containing lead paint;**
- **soil, concrete and contaminated materials from construction sites decontamination;**
- **inert land for development projects;**
- **non-hazardous waste.**

SARPI offers a multi-sector offer and guarantees safe management according to the intrinsic characteristics of waste.



05

INNOVATION AT SARPI



05

INNOVATION

at the heart of our activities

FOR REGENERATING MATERIALS, PROTECTING RARE RESOURCES OR EXPLOITING A NEGLECTED SOURCE OF ENERGY, SARPI IS THE PARTNER FOR INNOVATION AND INVENTING NEW SOLUTIONS FOR RECOVERING AND REUSING MATERIALS.

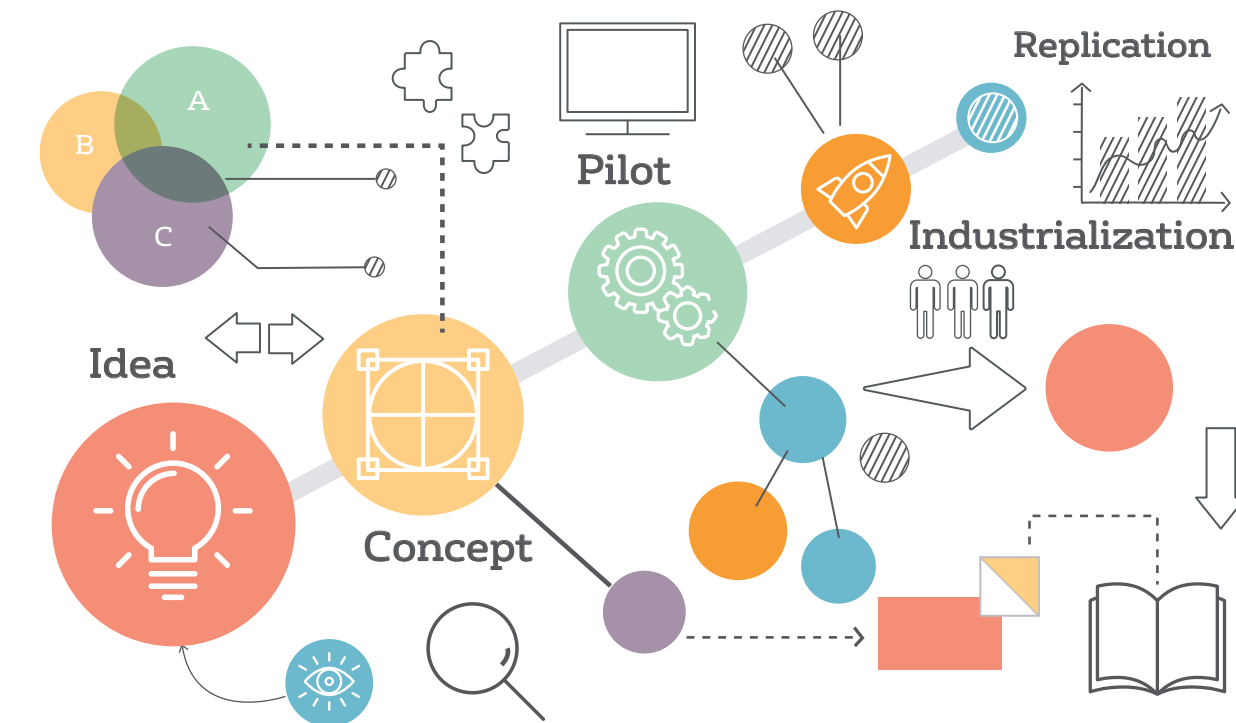
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We innovate every day to improve environmental performance, better decontaminate polluted materials, offer new recovery and recycling solutions and optimise treatment costs.

We innovate thanks to the commitment of our employees to continued improvement and optimised processes by relying on strategic partnerships with factories and developing academic partnerships with renowned universities and schools.

THE TECHNICAL AND INNOVATION DEPARTMENT AND ITS REPRESENTATIVES, SUPPLY THE INNOVATION PIPELINE AT A REGIONAL LEVEL

SARPI also benefits from the support of the scientific and technological expertise department of the VEOLIA Group.



INNOVATION AT SARPI IS MORE THAN 50 YEARS OF INNOVATION FOR OUR CUSTOMERS FOR THE ENVIRONMENT.

05

INNOVATIONS AT THE “PILOT” OR STAGE FIVE YEARS AGO ARE NOW COMPLETELY INDUSTRIALISED

Mercury stabilisation

Transformation of extremely toxic metallic mercury into metallic sulphur, its most stable natural form.

Monitoring and treating mercury at the stack

Anticipation of new regulatory restrictions (BREF incineration) with continued monitoring of mercury emissions at the stack and the development of a panel of treatment solutions.

Fire bricks and readers

Designing our own fire bricks to increase their lifespan and the availability of our ovens. Increased throughput for incinerating solid waste with the installation of readers.

INNOVATIONS THAT WERE AT THE “IDEA” OR “CONCEPT” STAGE FIVE YEARS AGO ARE NOW AT THE PILOT OR EVEN INDUSTRIALISATION STAGE.

Recycling electric vehicle batteries

After making the battery safe, dismantling and crushing, hydro-metallurgical treatment of the residues to extract strategic metals to produce precursors for the production of new batteries.

Manufacture of Phoenix buckets

Manufacture of approved buckets made from 100% recycled plastic, intended for direct use on our sites



There are currently still more than 60 projects in our pipeline



Our mission :

To support industrial and territorial development
through sustainable risk management of waste

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WWW.SARPI.VEOLIA.COM

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