

Paprec's magazine for a greener planet

paprec

Mag n°51

January 2024

DOSSIER

Scrap metal and metals :
Paprec strengthens
its territorial coverage

REPORT

At the heart of
waste management
of Saint-Gobain

SPONSORING

Yoann Richomme,
winner of the
Transat solo race

STRATEGY

Paprec, a green energy supplier



PAPREC



Plastic recycling

Paprec Plastiques 71 plant

Despite the quality of the recycled plastics we offer, demand has plummeted this year. According to the industry, this is linked to the fall in fossil plastics costs. This is an alarming situation for an industry whose technical side requires significant investments.



« Starting from afar to become a leader »

**MATHIEU, JEAN-LUC
AND SÉBASTIEN PETITHUGUENIN**

2024 marks the thirtieth anniversary of Paprec, which was founded in 1994. This will be the subject of the next Mag, due out in the spring. We'll be telling you all about the incredible adventure of this company's development: from a 40-strong SME in the Paris region to an international group, a leader in the circular economy, with 15,000 employees, 300 branches in twelve countries and a turnover of three billion euros!

The issue you have in your hands is a good illustration of the Group's strengths, which we put at your service - manufacturers as well as elected representatives from local and regional authorities. As recycling leader in France, we are continuing to develop our expertise and strengthen our territorial coverage, always bringing us as close to you as possible. This issue focuses on our recent development in scrap metal management.

Two years ago, we created Paprec Energies, a specialist in the production of green energy. This young division brings together over a hundred years of industrial expertise. With our expert teams designing, building and operating units of all sizes, we have the technologies to offer the best ecological and environmental solutions for modernising their facilities and boosting their performance. Our civil engineers and construction teams propose these modifications without interrupting the usual performance! In this issue, we present a few examples of our work.

We wish you all the best for 2024 and look forward to working with you to accelerate the transition to a low-carbon economy.

paprec
Mag n°51

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Selection

SOMETHING
TO REMEMBER
THIS QUARTER

DEVELOPMENT

A major step in the Group's rollout in Spain

What a turning point in Paprec's development strategy in Spain: our Spanish subsidiary, Grupo Paprec, now has a contract to collect and clean the streets of Barcelona. This is the biggest market in Spain and one of the biggest in Europe! Grupo Paprec's Spanish subsidiary, GBi Paprec, offered to take over CLD in Catalonia. For 90 years, this company has been collecting and cleaning the streets of the Catalan capital. It also has a portfolio of industrial waste customers and several urban services contracts with local authorities in Barcelona.

For the Paprec group, this is a benchmark contract: 415,000 inhabitants, 1,200 employees and annual sales of €70 million over ten years! What's more, it's a fantastic technological showcase, with its fleet of 320 clean vehicles, over 90% of which run on electric power and city natural gas (CNG). *"This major step reinforces our development strategy and gives us the legitimacy to tackle other key markets in Spain"*, says Mathieu Petithuguenin, Chairman of Paprec's Spanish subsidiary.



Paprec has been operating Barcelona's urban waste collection and cleaning contract since early December. This exemplary contract uses a fleet of 320 clean vehicles, over 90% of which run on electric and CNG power.

SUPPORT

Mandatory sorting of bio-waste at the source : Paprec by your side

One of the new features as of January 1st, 2024 is the official introduction of source separation of bio-waste for everyone. This legal obligation has already been applied to large-scale producers since 2012 under the Anti-Waste for a Circular Economy Act (known as the AGECE Act) promulgated in February 2020. The aim of this new stage is to put an end to the wasteful use of a valuable resource. Today, bio-waste accounts for 35% to 40% of residual household waste. It can be recycled into biogas and fertilisers (compost and digestate), ensuring that the organic matter is returned to the soil. This is the answer to the challenges of climate change and the need for agronomic independence!

To help local authorities and industrial companies set up separate bio-waste collection and treatment systems, Paprec has launched a dedicated "Bio Collect" offer. Our collections are suited to both dense and rural areas. They are carried out using bi-compartmentalised skips, at the same time as the collection of recyclable waste. Today, some 750 local authorities and industrial customers trust us to manage their bio-waste.



EVENT

A new corporate film

Our corporate film "Paprec, excellence the French way" was released a few days ago and is much more than a corporate video. It's an invitation to discover the heart of our organisation, understand what drives us, and share our passion for excellence.



It embodies our commitment to a greener planet and a more fraternal company and opens with evocative images of our history, highlighting the milestones of our growth and the challenges we have met over the last 30 years with the success we know.

Selection

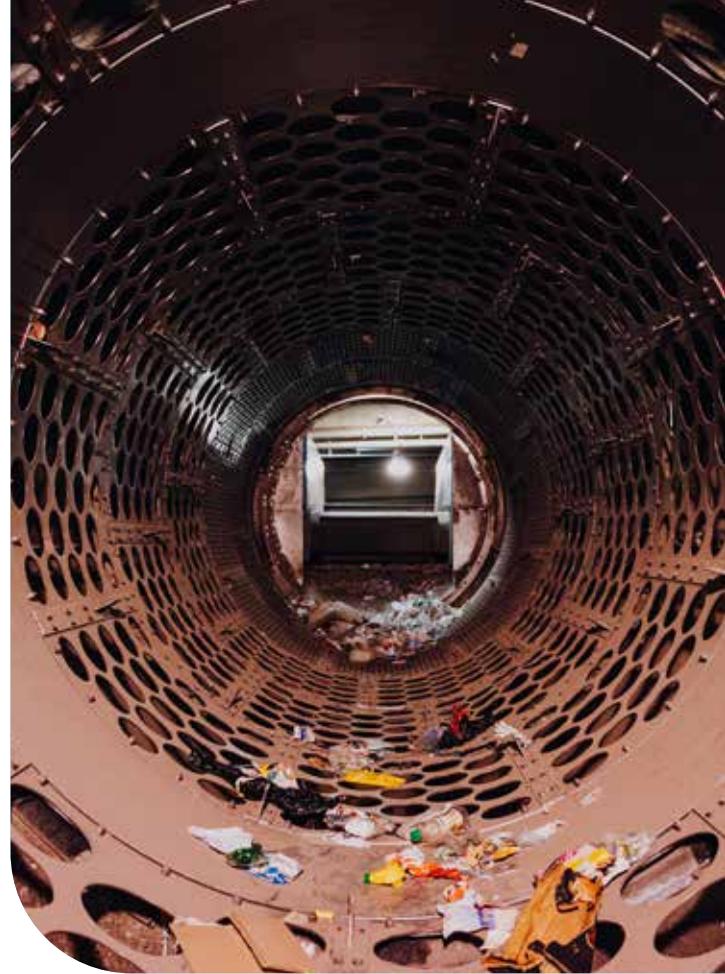
SOMETHING
TO REMEMBER
THIS QUARTER

DEVELOPMENT

Trivalo: High-performance sorting centres

Whether it's a question of modernisation or the construction and commissioning of new plants, the group is committed to innovating in order to offer its customers the best possible service. In the thirty or so Paprec Trivalo centres, we always strive to offer the most cutting-edge technologies, in order to achieve the highest possible sorting performance. With one million tonnes of selective collection, Paprec sorts the waste of one in three French residences.

Our recent projects include :



Paprec Trivalo Châteauroux: increased capacity

Our departmental sorting centre in Châteauroux is getting a facelift. After six months of construction, the plant's capacity has been increased from 17,000 to 25,000 tonnes of selective collection waste per year. The sorting line benefits from new ultra-modern equipment: ballistic screen, sorting robots (bringing the total to six at the sorting centre) and aeraulics (film suction). The sorting and grading teams have also been strengthened, with the recruitment of a dozen new employees.

Paprec Trivalo Touraine (Parcay-Meslay): delivery in January 2024

We were commissioned by 12 local authority customers in three Val-de-Loire departments (Indre-et-Loire, Loire-et-Cher and Sarthe) to design, build and operate the brand new interdepartmental sorting centre to replace the one at La Riche. Elected representatives were able to visit the plant in October, during its test phase. With an annual capacity of 54,000 tonnes, it will come into service in early 2024.



Paprec wins the Dreux sorting centre

The elected representatives of Sitreva have chosen Paprec to modernise and operate the selective collection sorting centre in Dreux. The new facility will handle the recyclable waste of the area's 310,000 inhabitants. With this new process, the plant's capacity will increase from 17,000 to 25,000 tonnes per year in two shifts over five days, i.e. 8 tonnes per hour, with the possibility of increasing to 30,000 tonnes.

Selection

SOMETHING
TO REMEMBER
THIS QUARTER

Paprec in figures



16 000
employees



300
industrial sites



3 BILLION
in sales in 2023



Industrial presence in
10 COUNTRIES



70 000
industrial customers



1 500
local authority
customers



The Group sells raw
materials in
65 COUNTRIES

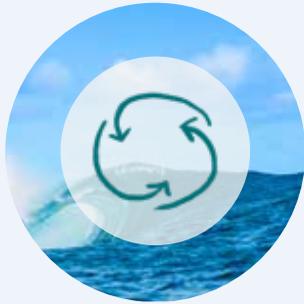


**31 ENERGY
RECOVERY UNITS**
with a capacity of 4 million
tonnes of waste per year



16 MILLION
tonnes of waste
collected and processed

Our activities



MATERIAL RECYCLING

8 million tonnes

- Paper
- Cardboard
- Plastics
- Scrap metal
- Metals
- Wood
- Ordinary industrial waste (OIW)
- Bulky goods
- Selective collection
- Electrical and electronic equipment waste (EEEW)
- Construction site waste
- End-of-life vehicles (ELV)



ENERGY RECOVERY

4 million tonnes

- Incineration
- Solid Recovered Fuel (SRF)
- Heat and energy production



BACK TO EARTH

2 million tonnes

- Composting
- Green waste
- Amendment
- Methanisation
- Capture of methane gas from landfill sites



STORAGE

2 million tonnes

- Production of biogas from methanisation

Live

**EMMANUEL KATRAKIS,
SECRETARY GENERAL,
EURIC**

" No decarboni- sation without a recycling industry "

Emmanuel Katrakis is Secretary General of Euric (European Recycling Industries' Confederation). The role of the ten or so permanent members of this structure, alongside the directors, is to be the voice of a competitive recycling industry, a major player in the circular economy conservation of resources.

Could you introduce EuRIC?

Emmanuel Katrakis : The European Recycling Industries Confederation (EuRIC) is made up of the national recycling federations present in the majority of Member States of the European Union (EU) and the European Economic Area (EEA). In addition, there are companies, like Paprec, where there is neither national union for certain sectors, nor Partners and Sponsors.

What is the confederation's main objective?

E. K. : EuRIC's mission is to support the European Commission's objectives of moving Europe towards a circular economy for all flows and aiming for carbon neutrality by 2050 (with a -55% reduction by 2030 compared to 1990 levels). Recycling is essential if we are to achieve this goal !

"If we want to offer a professional future to the younger generations, we need to keep our factories!"





SHORT BIO

Emmanuel Katrakis

Emmanuel Katrakis has a degree in European law. He is also an expert on circular economy at the European Commission.

Beyond carbon neutrality, EuRIC has a real industrial vision...

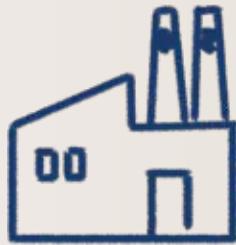
E. K. : Our action is based on the principle that reducing Europe's carbon footprint by choosing the path of de-industrialisation is not an option! If we want to offer a working future to the younger generations, we need to keep our factories. But to have a viable European industry, we need a real recycling economy, with quality materials in the quantities we need. A recycling economy that also increases national sovereignty over raw materials - and makes us less dependent on raw materials and fossil fuels.

And to meet these needs, we need a recycling industry capable of investing!

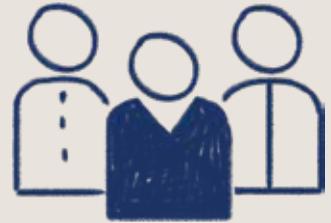
We're not yet on the way out of fossil fuels?

E. K. : Indeed. This year, the countries whose GDP is growing strongly are those that depend on the fossil fuel industry. If we are to move in the right direction, we will absolutely have to integrate negative externalities. Recycling waste can save up to 90% of CO₂ compared with processes that use raw fossil materials. It is, therefore, urgent to put incentive mechanisms in place that value these environmental benefits and reward value chains that use recycled raw materials.

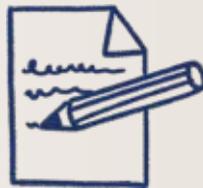
The recycling economy in figures



5 500
recycling companies



+ 400
recycling experts



€ 95 billion
in sales



300 000
green and local jobs

What are the levers to achieve this?

E. K. : Of course, there are carbon credits, but for the moment, we haven't managed to impose them for recycled materials, but we'll have to get there. Currently, the main lever we're working on is the incorporation of recycled materials, so that we can really get into circularity. There is substantial scope for improving the circularity of the materials used by European manufacturers. In 2022, only 11.5% of the materials used in industry came from recycling. Legislation currently only covers plastics and rare soils, but we are aiming to extend it. We are very satisfied in this respect with this aspect of the regulation on end-of-life vehicles (ELVs), which includes this dimension of compulsory incorporation.

What is the impact of public procurement?

E. K. : Public procurement represents 14% of the EU's annual GDP, which is no mean feat. So, we're looking at the role of public procurement in making a direct contribution to European objectives. Including criteria for reparability, recyclability and recycled content in public procurement procedures would contribute directly to valuing companies offering circular products.

On the subject of recyclability, what role does eco-design play?

E. K. : It is, of course, enormous, and it's an important area of work for us. The design phase determines 80% of a product's environmental impact. We cannot make a successful transition to a circular economy without incorporating circularity requirements right from the product design phase. To achieve this, consumers need to become involved in the circular economy and make recyclability a criterion of choice. We also need to make progress on a clear, harmonised and verifiable label for 'circular' products, either because they are made from recycled materials and/or because they are more easily recyclable. Producers and recyclers also need to work together. EuRIC has also supported, as part of the Waste Framework Directive, the principle of eco-modulation of the financial contributions paid by producers to EPR organisations, depending on the durability, reparability, recyclability and recycled content of the products put on the market.

What do you think of the proliferation of French-style EPRs?

E. K. : We sometimes have the impression that France wants to put the cart before the horse, as in the case of ELVs, where the French authorities have decided not to wait for the European Commission's proposal before imposing a new EPR model on the sector.

More generally, the current debates on the ownership of materials and the willingness of certain eco-organisations, whose role is to organise waste streams, to go operational and take ownership of materials is indicative of a fundamental problem. It's not possible to be both judge and jury - it's an intolerable conflict of interest. How can you expect recyclers to take the risk of investing to generate value if the fruits of their investment evade them? It's nonsense that calls for a strong response from the profession, both in Brussels and in Paris! •

Strategy

DEVELOPMENT



Green energy : Paprec, partnering with local authorities

As a symbol of Paprec's expertise in energy recovery, the group is to build and own a waste-to-energy plant in Scotland. To mark the occasion, it has announced the creation of Paprec Engineering, its division specialising in the design and construction of waste-to-energy plants. These teams will work on both new plant projects and the modernisation of existing plants, while maintaining the continuity of waste treatment and energy supply services.



REC
GIES



Paprec comes to Scotland! Through its subsidiary Paprec Energies, the Group is to design a new waste-to-energy plant outside France, making it its eleventh territory of operation. This Scottish plant, which Paprec Energies will own with its local partner Binn Farm, represents an investment of €120 million and will have a treatment capacity of 85,000 tonnes of waste per year. The plant will largely be supplied by waste from the neighbouring community of Perth & Kinross, via the contract won by Paprec International this summer. The site is scheduled to be operational in 2026. *"The technical, commercial and contractual expertise of Paprec's teams enables local authorities to offer their residents the best solutions for managing and processing their waste. With Paprec, our customers can meet the challenges of the energy transition: they can produce energy from their waste while keeping costs under control"*, says Jean-Luc Petithuguenin, Chairman of Paprec International.

Paprec Engineering, expert in design-build

As a response to growing energy needs, changes in environmental regulations, and the consequent need to develop new sites or modernise existing ones, Paprec Energy has pooled the engineering skills already present at Tiru and CNIM. The latter are long-standing experts in energy recovery. With its mastery of exclusive, patented technology (Tiru's Rock furnace) and exclusive licences (CNIM's Martin grate), the new entity offers its public and private-sector customers expertise that is unique in France and abroad in the design, construction and modernisation of energy or organic waste-to-energy plants of all sizes. *"The mission of these teams is to design and build plants for our industrial and local authority customers, using the most innovative technologies to recover their waste in such a way as to produce and supply electricity and heating networks, while complying with an exemplary environmental approach"*, confirms Sébastien Petithuguenin, CEO of Paprec Energies.



High-performance plants and continuing service

To meet our customers' needs, Paprec teams are mobilised to equip new projects and existing plants with the best possible technologies. The objectives are manyfold: to increase site capacity and boost green energy production, while protecting the environment. In some cases, this means continually operating the site so that the incoming waste can be recycled.

Villefranche-sur-Saône: major upgrades

Between 2020 and 2023, the Villefranche-sur-Saône waste incineration plant, owned by Sytraival, underwent a series of modernisation upgrades worth almost 30 million euros. Paprec Energies carried out these major upgrades in several stages to modernise the site at every stage of the process, from waste reception to energy production, including improved environmental performance with a reduction in atmospheric emissions. With an annual treatment capacity of 88,000 tonnes, the site recycles household waste from 260 municipalities (370,000 inhabitants), as well as industrial and hospital waste, sorting rejects and non-recyclable waste, transforming it into green energy by supplying the equivalent of 7,000 homes with electricity, as well as thermal energy in 2,500 homes, businesses and public buildings. According to Brice Mounier, plant manager: *"These improvements have made each stage of the process more reliable and considerably improved the site's performance. As a result, the plant's electricity sales have risen from 27,000 to 38,000 MWh/year, and its heat production from 33,000 to 44,000 MWh/year."*



"Every time we decide on upgrades, it is our mission to modernise and optimise plant performance, while ensuring quality and service continuity."

Grégory Richet

Chief Executive Officer of Paprec Energies



Saint-Saulve: speed and continuity of service

Major maintenance work - mainly boiler making and smoke control - has been undertaken at the Saint-Saulve plant in Hauts-de-France. The aim is to modernise the boilers and furnace. At the request of Ecovalor (the Hainaut Valenciennes inter-municipal household waste recovery association), the work was carried out in just three months, mobilising a large number of equipment and teams, including a 250-tonne crane. The work had become essential because the leaking boilers were causing too many unplanned shutdowns," explains Wafa Jebbouri, Plant Manager. *"This major operation was carried out without interrupting our service. Thanks to the work of all our teams and Paprec Engineering, the plant was able to continue treating our customers' residual waste and injecting electricity into the grid."*

Sète: more green energy for the region

To limit landfill and increase the region's waste treatment capacity, Sète Agglopôle Méditerranée has decided to modernise its waste-to-energy plant, which was commissioned more than 30 years ago. The new plant, designed by Paprec Energies, on which work began in early 2023, will be built alongside the existing one and will eventually replace it. It will use patented ROCK kiln technology, a piece of equipment manufactured in Normandy. This technology provides optimum energy and heat recovery.

Scheduled for completion in the summer of 2025, the new plant will recover all of the region's waste, increasing its capacity to 55,000 tonnes, while maximising the supply of energy to the entire agglomeration - local industry, public buildings and homes. In this way, the local authority will increase its energy independence by producing green energy from locally generated waste. The aim is to put a definitive end to landfill and to no longer have to divert waste to landfill and other treatment centres.



A micro-turbine to reduce operating costs

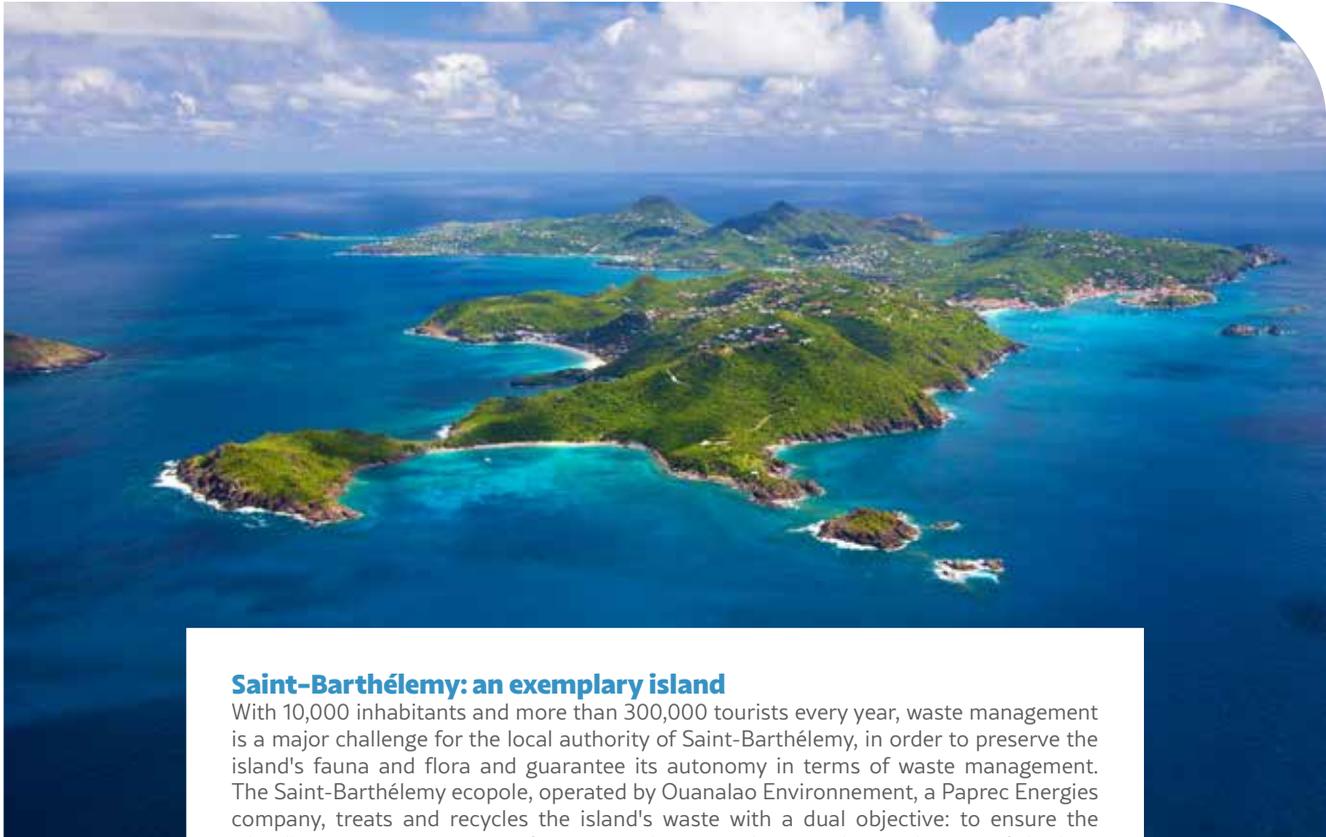
While waiting for the new facility, the Paprec Energies teams have been making improvements to the existing plant. They started by reducing the site's energy consumption, thereby cutting costs. Paprec Energies has introduced new processes, such as cleaning the air condensers and designing and installing new compressors. The second step is the use of a micro-turbine to recover water vapour that was previously unused. In just nine months, our teams carried out the feasibility studies, engineering and commissioning of this equipment, which now provides the plant with its own electricity supply, ahead of the arrival of the ROCK furnace in 2025. All these actions have already helped to reduce operating costs during 2022 and 2023. In addition, Paprec Energies employees have been trained in thermodynamics, a new process for this site that will be upheld with the installation of the ROCK furnace.

Gien: a paper mill powered by energy

In the Loiret region, the Gien site was already equipped with the ROCK kiln in 2022 to replace the old equipment operating with fluidised sand bed technology. The plant's second line will now be equipped with the same model oscillating kiln. The modernisation of this line will almost double the region's waste treatment capacity, taking it to 78,000 tonnes a year (compared with 42,400 tonnes today). Commissioning is scheduled for 2025. At present, the energy from the waste captured at the exit of the first line's furnace is transformed into steam, thanks to a recovery boiler, and supplies 70 GWh of energy to the Essity paper mill, located 4 km from the site.

The second furnace will supply the plant's turbine-generator set (GTA), ensuring the site's self-consumption and delivering 17 GW of electricity to the grid. *"Our teams are mobilised for the duration of the upgrades to ensure business continuity. The aim of the upgrades is to further improve the plant's energy production performance, thereby confirming the choice made by the region's elected representatives in terms of waste treatment and local energy production"*, says Sébastien Vigneron, Director of the Gien plant. Other energy supply projects are also under consideration, including supplying the Gien district heating network, a methane gas plant and heat for a nearby fish farm. A way of developing local energy independence.



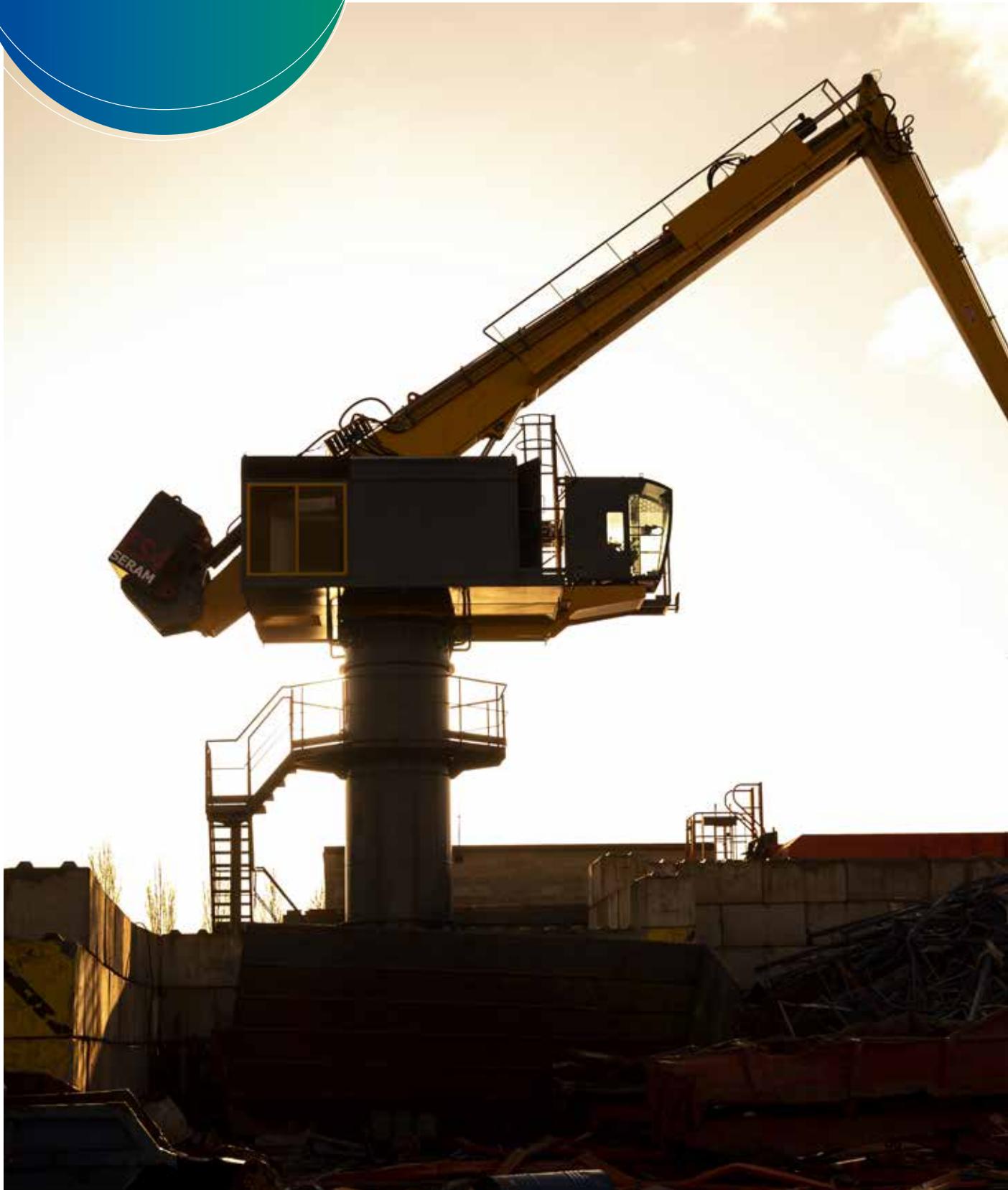


Saint-Barthélemy: an exemplary island

With 10,000 inhabitants and more than 300,000 tourists every year, waste management is a major challenge for the local authority of Saint-Barthélemy, in order to preserve the island's fauna and flora and guarantee its autonomy in terms of waste management. The Saint-Barthélemy ecopole, operated by Ouanalao Environnement, a Paprec Energies company, treats and recycles the island's waste with a dual objective: to ensure the island's autonomy in terms of energy and to contribute to the production of drinking water. By 2021, the site will have benefited from a second waste recovery line, giving it an annual treatment capacity of 30,000 tonnes, of which 20,000 tonnes will be converted into energy. The UVE supplies a third of the energy needed to produce the island's drinking water, i.e. around 250,000 m³. On an island where storing and moving waste is extremely difficult, waste-to-energy conversion is a solution that will help the region to become more autonomous. *"Waste-to-energy is an essential solution for island territories like Saint-Barthélemy. The island is setting an example: it is aiming for 50% renewable energy by 2030 and total energy autonomy by 2050"*, emphasises Jean-Luc Petithuguenin, Chairman of Paprec International.



Dossier



Scrap metal and metals : Paprec strengthens its network



The recent acquisitions of the Paprec Métal division have strengthened the Group's position in this market, enabling it to offer its customers and suppliers solutions to all their needs.

This machine is the pride and joy of the Métal division. In Saint-Pierre-des-Corps, near Tours, the Menut agency is showcasing its 2,000 HP shredder with a capacity of 10,000 tonnes per month. *"All you have to do is insert the material from scrap yards or industrial ports, and the technology does the rest"*, explains François Dionne, Scrap and Integration Excellence Manager. *"Using suction systems, magnets and eddy currents, the shredder sorts and crushes the material, producing fragments smaller than 4 mm. All this is done in less than a minute, so 60 tonnes are processed every hour!"* The shredded material is ready to be sent to steelworks and foundries to produce new bodywork, bicycle frames, cans, doors and manhole covers.

Acquisition of five companies

The acquisition of this site illustrates the strong growth of Paprec, whose scrap metal and metal processing capacities have increased considerably this year to meet demand from suppliers, who are required to recycle the waste they produce. In the space of a year, Paprec has added five new companies: Cernay Environnement (in Alsace), SLR (Rhône- Alpes),

Garnier (Île-de-France (two sites), Menut - with six sites - and recently SME. Owing 28 specialised branches, the Division's territorial coverage enables the Group to respond to national calls for tender, in line with all regulatory requirements. While the Tours site centralises the management of platinum (i.e. scrap metal to be shredded), the other sites manage waste that has already been sorted using shears. Steel beams used in the building industry, such as IPNs, pass through these 1,000 to 1,300 tonne machines to be cut to the format required by foundries, in preparation for their new use.

Tailor-made offer

Paprec Métal's offer is therefore an alternative to that of the sector's traditional players. *"We always position ourselves as a long-term, responsive and efficient partner, offering regular updates to adapt our waste collection and recovery system to changes in our customers' business or new regulatory obligations,"* stresses Pierre-Marie Urvoy, Managing Director of Paprec Métal. *"Our sales network works closely with our team of experts to build a tailor-made offer together, with the best quality of service, perfect traceability and local contacts throughout the country."*



Pierre-Marie URVOY
Chief Executive Officer of Paprec Métal

Paprec Métal on land... and at sea

Symbolising the development of the Group's Scrap & Metals business, the division has carried out three shipments in recent months. On each occasion, more than 3,000 tonnes left the port of Nantes, bound for Bayonne and the Celsa plant in Spain. A real logistical challenge! *"Shipping 25 tonnes of scrap by lorry can easily be delayed by a day or two. But committing to supplying 3,000 tonnes by boat means that we have to assemble the entire quantity promised in one month, with impeccable quality"*, explains François Dionne, Head of Scrap Metal Excellence and Integration, who organised this first event. *"We are now in a position to ship the material directly to the biggest steelmakers in France, Spain and Portugal. And in due time, why not Morocco, with shipments of 4 to 5,000 tonnes, and Turkey, with shipments of 8 to 10,000 tonnes"* confirms Pierre-Marie Urvoy, Managing Director of Paprec Métal. All with a lower carbon footprint than road transport!



800,000 tonnes
of materials sold per year



€300 million
in sales



400 employees



28 plants
in France

3 questions for...

Mathieu Petithuguenin

Chairman and CEO
of Paprec Métal



What new developments mark the history of Paprec Métal?

The division's investment strategy continues. The acquisition over the past 18 months of major players with strong local positions embody this strategy. The acquisitions include Garnier in the Paris region, Menut (which manages six particularly modern and well-equipped sites in the Centre and Nouvelle Aquitaine regions), Cernay, SLR and, most recently, SME in the Haute-Savoie and Ain regions. Several hundred new employees have joined us, enabling us to reach a major milestone: 800,000 tonnes processed, making Paprec the third-largest player in the sector.

What impact will this have on our customers?

Firstly, our geographical network is being strengthened in Central and Western France, and the division is implanting itself in the Île-de-France region. But above all, it's the development of tools and expertise in non-ferrous metals that will enable us to control the entire scrap metal value chain. With the acquisition of our first high-capaci-

ty shredder for the Menut plant in Tours, we can manage all categories of waste ourselves. This ensures the group's independence in all qualities. As a result, we have strong, comprehensive offers for customers in the sector (end-of-life vehicles, platinum plating, etc.) and greater clout with downstream industries such as the steel industry and metal foundries.

What are the division's objectives?

Our ambition is to reach one million tonnes, by building on what has made our group so successful: the ability to offer customers tailor-made solutions and services across the whole of France, and our capacity to acquire companies to strengthen our presence and expertise.



Remarkable expertise

- A metal offer backed up by a comprehensive global management offer for all your waste
- Solutions ranging from the dismantling of large structures (factories, submarines, aircraft, train sets, etc.) to retail purchases for craftsmen and private individuals directly from our branches.



Last minute

Paprec ended the year with the acquisition of SME. This family business, founded in 1969 by the current CEO's father-in-law, specialises in rail dismantling, asbestos removal and scrap metal recycling. It has 77 employees and handles 45,000 tonnes of scrap metal every year. It has three branches: one in Épernay in the Marne region, another in Culoz at the strategic crossroads between Haute-Savoie, Savoie and Ain, and the third, jointly owned with Vinci subsidiary Neom, based in Ambronay (Ain). "SME is a very high-quality company, with cutting-edge expertise and equipment in railway demolition and asbestos removal", says Mathieu Petithuguenin, CEO of Paprec Métal. "The company's Ambronay site, which is run in partnership with Neom (Vinci), is dedicated to dismantling TGV trainsets", says Mathieu Petithuguenin, adding: "SME will complement the expertise of Paprec Déconstruction, which dismantles boats, aircraft, trains, submarines and other military vehicles and equipment."

Report

AT THE HEART
OF OUR BUSINESS



Saint-Gobain : the core of a monument in French metallurgy

The delegated management teams at Pont-à-Mousson work in one of France's oldest factories. A contract with Saint-Gobain's metallurgy plant, which was acquired in 2016. This means that the organisation has to be tailored to meet the needs of this major French manufacturer.



The site is impressive. Seeing the chimneys and blast furnaces rise into the sky, you have the feeling you're looking at a monument in the French industry. Founded in 1856, the Saint-Gobain steelworks in Pont-à-Mousson, France, is one of France's most important industrial sites. "PAM," as it is known to its friends - is effectively a thing of the past. But it is still very much alive and kicking. A fixture of the town since the second half of the 19th century, it stretches for three kilometres, covering an area of 120 hectares at the entrance of the town. It is the last blast furnace still in operation in France. The plant, which runs continuously with metal heated to 1,500 degrees, employs 760 people. It specialises in the manufacture of cast-iron sewer pipes and road plates. Saint-Gobain is the European leader in ductile cast iron pipes, producing more than 12,000 km of pipes a year and exporting them to 140 countries. ●●●



The relationship between Paprec and Saint-Gobain began in 2016, when the first contract was signed. It was then renewed in 2022. Paprec is responsible for the delegated management of this site. This means that Paprec teams manage the site's waste on a daily basis. *"There are four of them, on three shifts, for this site, which operates 24 hours a day"*, explains Olivier Rethiers, the site manager.

Three-station collection

Employees are responsible for collecting waste at the foot of the production lines and at various disposal points. Around thirty skips, as well as bins and big bags, are spread over the two parts of the plant: the centrifuge, where cast-iron pipes are made, and the foundry, where manhole covers are produced. Waste is characterised by its great diversity: CIW, paper, cardboard, wood, scrap metal, core, sand, concrete, refractory, WEEE and hazardous waste... all

are sorted and collected in an "eco-zone" dedicated to Paprec. Some of the waste remains in-house, while the rest is sent to the group's sites: Custines, Dieulouard, Pompey and Recydis in Le Blanc-Mesnil.

With the extension of the scope to the plant's R&D technocentre, the Paprec teams have also installed collection bins for sorting glass, wood, paper and cardboard, plastics and even bio-waste.

Being a driving force

Relations with the customer are very good and a meeting with our teams is held every month. One of the challenges, in the high-security environment of the steel industry, is to constantly seek to adapt to the customer's needs. Thanks to the Group's expertise, the teams have managed to increase the recovery rate since the contract was taken over. This is the case, for example, with the sorting of the large translucent plastic film used to wrap the large canal pipes, and which were not sorted before. The teams also contributed the Group's expertise and innovations, particularly in the choice of equipment: *"For example, to optimise the filling of skips and therefore reduce the number of lorry rotations, we use a Packmat to compact the waste"*, explains Stéphane Bussetti, Paprec Lorraine Sales Manager.



KEY FIGURES

- **4 employees** in 3 positions, plus a site manager
- **2016** : start of contract, renewed in June 2022 for 3.5 years
- **6,500 tonnes of waste treated per year** : CIW, paper/cardboard, wood, scrap metal, cores, sand, WEEE and hazardous waste
- **Equipment and machinery** : 30 skips, 1 26t HGV, 1 Roll packer, 2 forklifts, 2 light vehicles

Sponsoring

Transat Fort-de-France / Lorient : Yoann Richomme first !

A brilliant performance by our skipper in his first solo transatlantic race: he finished in first place! Yoann Richomme and the Paprec-Arkéa team are now among the favourites for the Vendée Globe.



"The Fort-de-France - Lorient race was a great event. I'm really proud to have finished in the lead! It essentially came down to the tactical shifts I was able to make, which served me well throughout. We've got a boat that's designed to take on more seas than the others. It's perhaps easier for me to set my sails a little higher. These are committed boats, but they give you their due. There are some crazy moments in the surf, you just have to hang on! Nobody was faking it in this race! This result, along with our second place in the Transat Jacques Vabre, is the culmination of a great story. Our goal for over two years has been to complete this Transat Jacques Vabre and begin the qualification process for the Vendée Globe. We're proud to have succeeded in this mission as a team, to have brought the boat back to Fort-de-France in good condition, and to have achieved a great result."

YOANN RICHOMME



"I'm very happy with the outcome. Yoann Ri-chomme has shown his fighting spirit and daring during his first transatlantic race on the new Imo-ca. The new Paprec-Arkéa boat and the skipper are now among the favourites in the queen of ocean racing, the Vendée Globe."

Sébastien PETITHUGUENIN
Chief Executive Officer Paprec



Transat Jacques Vabre : the account of coming second

For the first transatlantic race on "Paprec-Arkéa," launched in February, Yoann Richomme and Yann Eliès were impressive: at the front throughout the race, they took 2nd place. This result rewards the work carried out by the whole team since the boat was launched ten months ago, and the tenacity of a duo that never gives up.

The sun rose majestically over Martinique as Paprec-Arkea arrived on 19 November. Despite a last-minute hold-up due to a lack of wind in the final stretch, the two skippers secured their second place. A position they had been clinging on to for several days already, thanks to a great and masterfully handled race

It was an impressive position because, although they were aiming for a top 5 finish, the duo of Yoann Richomme and Yann Eliès had, above all, the task of completing this first Atlantic crossing aboard the Paprec-Arkéa monohull while preserving it as much as possible. Because to guarantee qualifying for the Vendée Globe, which was the major objective of the programme, Yoann had to ensure his "back to base", solo from Martinique to Lorient. This return began on 30 November.

Start delayed by a week, race shortened

There were certainly many moments of stress and apprehension. They had to withstand the cross seas and strong gusts of the first few days, the tactical battle to make headway to the south and the trade winds, which were anything but smooth sailing. They also had to tame this still young boat, its reactions, its moments of weakness - the IMOCA was christened just ten months earlier! Sometimes they had to 'tinker' and often had to dig deep to find the energy to make progress, whatever the cost. Yoann Richomme and Yann Eliès distinguished themselves by their unflappable composure, their capacity for resistance and their ability to make the most of the situation, even during these first few days when they could not really close



their eyes. Despite the experience and talent of Yann (winner of the Transat Jacques Vabre four times) and Yoann, winner of the last transatlantic race (the Route du Rhum) in Class40, the boat is still young and the most effective settings have yet to be found. Opposing them were boats launched earlier ('Charal' in 2021, 'For the Planet' in 2019), and skippers (Thomas Ruyant, Jérémie Beyou) who has far more IMOCA experience than Yoann, who has only been learning the ropes in the class since the start of the year!

Experienced competitors

A situation that encouraged them to approach each day at sea with determination, of course, but also with humility. In the leading trio from the moment they

crossed the Bay of Biscay, the first to approach the Canaries, Paprec Arkéa stood out as a spearhead of the 'southern group', those who skirted the African coast while a handful of other competitors tried the north-westerly option. What followed was a long cavalcade through the trade winds, a series of shifts, changes of tack and a constant war of nerves as the next group of Paprec-Arkéa made their way back. "Life on board is tough, it's very taxing," admitted Yoann on board. Right up to the end, they gave it their all, and with good reason: "For The Planet" held out against them all the way into the bay of Fort-de-France. It was a breathtaking finale, right up to the finish!



Transat Jacques Vabre, a successful race for Paprec

The 2nd place for Yoann Richomme and Yann Eliès was the 5th podium finish for Paprec in this transatlantic race, which celebrated its thirtieth anniversary this year. Yann Eliès had already won in 2017 with Jean-Pierre Dick. The skipper supported by Paprec for two decades brought three other first places to the group in 2003, 2005 and 2017 with Nicolas Abiven, Loïck Péron and Jérémy Beyou.

Sponsoring



Paprec and sailing, 25 years of loyalty

Our Group has a long history of being involved in ocean racing. We've been supporting sailors across the sailing spectrum since 1997. Our skippers have won ten Atlantic trophies, four Transat Jacques Vabre races (including one with Yann Eliès and Jean-Pierre Dick), two Barcelona World Races and have competed in every Vendée Globe for 20 years.

With our partner Arkéa, we decided to create a team dedicated to ocean racing. This Transat Jacques Vabre will see our duo Yoan Richomme-Yann Eliès helping the IMOCA in the Paprec-Arkéa colours for the first time. With Arkéa and Yoann Richomme, we have built the IMOCA that will fly our colours for the thirtieth anniversary of the Transat Jacques Vabre Normandie-Le Havre and the Vendée Globe 2024.

To democratise access to the competition, the Group is a title partner in two of the Figaro circuit's flagship races: the Transat Paprec, between Concarneau and Saint-Barth, in which we have innovated by imposing mixed pairs, and the Solitaire du Figaro Paprec, in which we have created a double-handed event to encourage amateurs to take the plunge.

2024: A packed racing programme with the Vendée Globe in sight

- **28 April 2024**

The Transat CIC, Lorient – Etats-Unis, Single-handed, 3,600 miles (6,500 km)

- **29 May 2024**

New York Vendée – Les Sables d'Olonne, Single-handed, 3,600 miles (6,500 km)

- **September 2024**

Azimuth Challenge in Lorient

- **10 November 2024**

Start of the Vendée Globe, 25,000 miles (almost 45,000 km). Arrival scheduled for the end of January 2025!



In pictures





**Our Castors d'Or:
the group's ambassadors**

Each year, the Group spotlights its best employees in each category. The best drivers and machine operators and the top ambassadors of the brand. They are then given the keys to a new, top-of-the-range vehicle.

COMING FROM AFAR TO WIN

YOANN RICHOMME, 1ST IN THE FORT-DE-FRANCE - LORIENT SOLO TRANSATLANTIC RACE



Start from a long way off, with innovation, determination and then finish in first place : our champion, Yoann Richomme, shows us the way.

At Paprec, excellence and team spirit are driving us towards leadership in waste management and the production of recycled materials and green energy.

Yoann Richomme, who will be setting off in the Vendée Globe, and Paprec, which will be celebrating its thirtieth anniversary as the leader in ecological transition, we'll see you in 2024!



PAPREC