

100% bagasse plant – Vale do Paraná, Brazil



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Albioma – An independent renewable energy producer

Albioma is an independent renewable energy producer, supporting the **energy transition** with renewable energies (biomass, solar and geothermal).

The Group operates in **Overseas France, Metropolitan France, Mauritius, Brazil and Turkey. Over the past 25 years**, it has developed a **unique partnership** with the sugar industry, producing renewable energy from bagasse, a fibrous residue of sugar cane.

Albioma is also the **leading producer of photovoltaic energy in Overseas France**, where the Group builds and operates innovative facilities with integrated storage, and in Metropolitan France.

The Group recently completed a first acquisition of a **geothermal power** plant in Turkey.

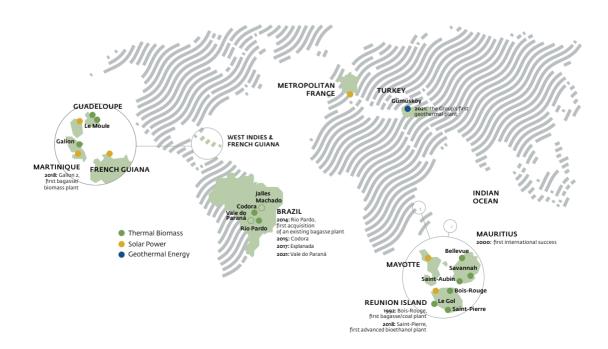
Key figures for 2020

606 experts

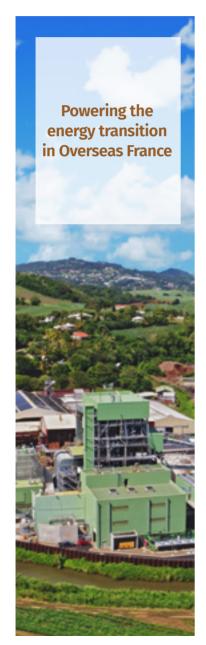
€507 MILLION

2.6 MILLION
people supplied
with electricity

>1 GW total capacity



Our strategic vision, serving our communities

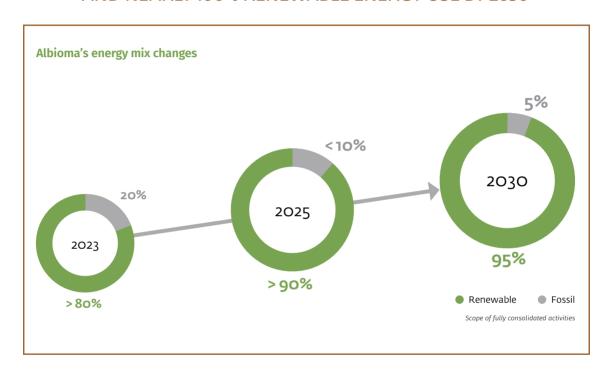






Our objective

+90% RENEWABLE ENERGY BY 2025 ENDING COAL USE IN OVERSEAS FRANCE AND NEARLY 100% RENEWABLE ENERGY USE BY 2030



It's time TO CHANGE ENERGY!

The international community is committed to fighting climate change and accelerating the energy transition. At Albioma, we are deploying our expertise and innovative capabilities to take up this environmental commitment defined in the Climate Plan adopted for France in 2017.



Establish our unique partnership on Islands and In Isolated areas

Our growth is built on the recovery of biomass residues, an abundant yet currently under-exploited resource. Energy from biomass can be used to generate electric power by harnessing the heat released by burning organic matter. Various forms of plant waste are used as fuel, including agricultural waste such as shredded shipping pallets, forestry waste and in particular, bagasse, a fibrous residue of sugar cane produced by the sugar extraction process.

For more than 25 years, Albioma has been developing a unique partnership with the sugar industry, enabling local bagasse-to-energy conversion at power plants sited near sugar refineries.

The solutions developed by Albioma and providing stable, renewable biomass-fuelled energy production do the following:

- ensure the stability of the electricity networks into which this power is injected, enabling a greater share of other, intermittent renewable energy (IRE) sources such as solar power, particularly in areas with a vulnerable electricity network;
- protect local agricultural sectors, by enhancing their competitiveness by recovering biomass for energy.

Thermal business

15

2.2 MT of biomass waste recovered/year

466 MW in the Indian Ocean

182 MW in the West Indies

138 KWH exported to the grid per tonno of sugar can be in the French

24/7 continuous base-load

Converting the Albioma power plants A KEY STAGE IN THE ENERGY TRANSITION OF THE OVERSEAS DEPARTMENTS AND REGIONS

The urgent problem of global warming means that there is no future for coal fired power plants.

It is generally agreed that the coal-fired power plants operating worldwide have a very large carbon footprint. Drastically reducing CO₂ emissions is essential to reach the goals set in the Climate Plan. Converting our plants to all-biomass operation is a logical step to reach this goal.

We will be phasing out coal use in favour of sustainable, traceable biomass, gradually increasing the share of renewable energy in our mix to 90% by 2025.

This conversion to biomass offers a "smooth transition" for those working at Albioma.

In our plants, we are changing energy by exclusively using biomass but not radically changing the work of our employees. We are firmly committed to keeping our employees and installations while ensuring that our equipment meets the most stringent environmental standards.

Converting our plants has a positive effect to improve the renewable energy mix and at the time promote a circular economy by Overseas France.

This key step brings our target energy mix to the overseas departments and regions and also boosts the circular economy, recovering green residue and waste and developing new sectors.



Biomass, TACKLING ENERGY CHALLENGES IN OVERSEAS FRANCE

Three main sources of biomass

When converting our plants, we prioritise the use of local biomass waste with no conflicting uses.

Bagasse: sugar cane residue

Sugar cane, the main agricultural resource in Overseas France and Mauritius, is available in large quantities and well suited the local climate and weather variations. Sugar cane is harvested during four to six months a year and when transformed into sugar a waste called bagasse is obtained. Bagasse is an excellent fuel for thermal biomass power plants, producing electricity and process steam.

Other local sustainable biomass fuels adding socio-economic value

To complement the bagasse, we use wooden pallets, composting waste or packaging wood along with the bagasse in our plants.

This provides an opportunity for the regions to minimise waste to landfill and develop a circular economy.

Our plants are also a lever for the development of agroforestry. The trimming of hedges planted on the border of agricultural plots has already been tested successfully as a source of fuel in our plants to ensure it complies with the environmental requirements.

Lastly, we work alongside the National Forestry Office (Office National des Forêts – ONF) to develop a way to combat the issue of invasive species, a major threat to biodiversity protection in these regions.

Recovering these previously unused local resources helps these regions reach their goal of energy self-sufficiency.

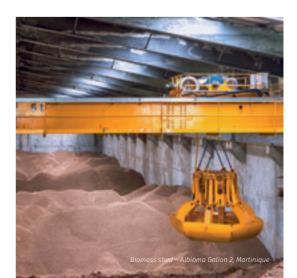
Sustainable biomass imports

We require our suppliers to comply with our strict policy of sustainable fuel procurement

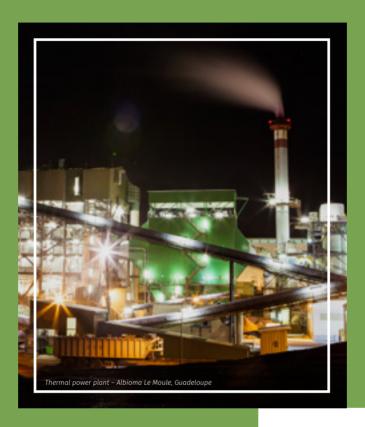
All suppliers in our power production chain are FSC®, PEFC™ and SBP certified, ensuring that they respect these requirements, with traceability checked by independent inspections. Certifications provide us a guarantee that high conservation value forests are preserved, carbon stocks are preserved, the impact upon soils and biodiversity is minimised, the forest's production capacity is maintained and the forest remains a forest after cutting.

Lower carbon emissions from biomass than from coal

Our carbon footprints are calculated using methodologies approved by the European Commission, based on supplier data already checked and approved by audit. The CO₂ emissions from our plants are more than 80% lower than corresponding coal fired power plants.



Le Moule In Guadeloupe: Working towards an all-biomass model



- ➤ The plant's greenhouse gas emissions will be 87% lower than at present.
- ➤ Significant increase in the proportion of renewables in the energy mix in Guadeloupe (from 20.5% to 35%).

Since November 2020, one out on the three units of the plant has been fuelled exclusively by biomass. We are currently converting the remaining two units with the aim of ending use of coal in its long-established cogeneration units.

This project also addresses the green growth objectives set for Guadeloupe France's energy transition legislation.

102 MW

530 GWh exports to the island's

21%

energy production grid

Bois-Rouge Change to all-biomass In reunion island

- ➤ The Group is ending use of coal at its flagship plant.
- ➤ The unit's greenhouse gas emissions will be decrease by 84%.

Conversion work began in 2021 and the plant will operate exclusively on biomass by the second half of 2023, using local biomass resources.

The Energy Regulation Commission's assessment also provides for an investment budget, needed to extend the operation lifetime of the Group's oldest unit (ABR1) by 15 years, including the extension of the power purchase agreement to 2043.

108 MW

15 YEARS of extended operation (2043)

530 GWh from biomass in 2023

20%

of the island's energy production







Solar power

35 MW
In the West Indies
& French Guiana

39 MW in the Indian Ocear

35 MW
In Metropolitan France*

* Including Spain and Italy

Solar power, inexhaustible renewable energy

Taking advantage of our presence in sunny regions, the Group has established itself as a leading player in the photovoltaic power sector in Overseas France since 2006. The Group also operates nearly 200 power plants in Metropolitan France.

Considerable technological POTENTIAL

Several of the Group's photovoltaic power plant projects also include storage technologies to address the challenges posed by the intermittent nature of solar energy. This technology ensures the continuity and stability of energy production throughout the day and facilitates its integration to the grid.

Albioma's expertise rewarded in 2020

The Group has been awarded in 2020 projects representing a total capacity of 40 MWp in all regions where we are present, this include government tenders representing an aggregate capacity of 24.6 MWp. This capacity is distributed across 44 projects (25 with storage and 19 without storage) located in Reunion Island, Mayotte, French Guiana, Martinique and Guadeloupe.

In Metropolitan France, the Group also won 25 projects with an aggregate capacity of 12.2 MWp (Auvergne-Rhône-Alpes, Provence-Alpes-Côte-d'Azur and Occitanie regions).

Protecting the environment AND OUR EMPLOYEES

3.1 tonnes

of worn solar panels were collected in Reunion Island in 2019 thanks to Albioma's partnership with PV Cycle







Our management systems have been extended to include the businesses recently acquired in Metropolitan France, thereby ensuring we maintain the triple ISO certification (9001, 14001 and 45001) for all our Group's Solar Power businesses.

Albioma operates photovoltaic assets split evenly between rooftop and ground-mounted power plants. We pay particular attention to integrating these projects into their host communities, including managing potential land-use conflicts

Innovation, CORNERSTONE OF OUR ENERGY TRANSITION

Stade de l'Est, in Reunion Island

Commissioned in 2020, this 1.25 MWp power plant has a storage capacity of 1.33 MWh and is ground-mounted without any land-use conflicts It produces enough power for 600 Reunion Island households each year.



Sainte-Rose, in Guadeloupe

The plant is located on the land of the Espérance waste treatment and recovery centre in Sainte-Rose. The photovoltaic power plant is installed on ground unsuitable for agricultural use. With a production capacity of 3.3 MWp and a storage capacity of 3.3 MWh using lithium-ion batteries, the plant generates 4,530 MWh (representing the annual consumption of 4,200 people) and eliminates 3,850 tonnes of CO₂ emissions each year.





Mamoudzou market

The largest rooftop plant in Mayotte, operated and maintained by our local team



Port Ouest Reunion Island

Power plant with storage, awarded in the ERC 2016 tender



Concorde
Martinique
Rooftop facilities on social housing



Lassalle Martinique

Ground-mounted power plant with agri-voltaic link (sheep farming and fruit trees)



Pierrelatte Auvergne-Rhône-Alpes

Ground-mounted power plant on industrial land (25 ha) trimmed by a flock of sheep

What sets us apart...

- Expert teams in every region
- Proven financial strength
- Trust-based partnerships with public institutions (including schools, sports centres, etc.) and private-sector operators



International business

In Brazil:

242 MW

4 plants

 $\times 1.7$

average increase in exported kWh per tonne of sugar cane achieved in Brazil when plant operation was transferred to Albioma

In Mauritius:

195 MW installed capacity

3 plants

In Turkey:

13 MW

| power plant

Producing renewable energy: MULTI-SECTORAL EXPERTISE

In Mauritius, where the Group has been operating since 2000, we have successfully developed a partnership model with the local agricultural and industrial sectors, and now generate 45% of the island's electricity.

In 2014, our unique know-how enabled us to roll out our innovative model in Brazil, the world's leading producer of sugar and of ethanol obtained from sugar cane. Brazil naturally remains our international priority for the coming years.

Keen to continue rapidly developing the Group's model, Albioma is also studying other opportunities involving biomass-to-energy projects free from conflicts of use, as well as other forms of renewable energy.

In January 2021, the Group announced the acquisition of a geothermal power plant in Turkey.

Turkey: GEOTHERMAL ENERGY, A COMPETITIVE LOCAL RENEWABLE ENERGY

Gümüşköy power plant – the Group's first step in geothermal energy

The Group announced in January 2021 the acquisition of a majority stake (75%) in the geothermal energy power plant (GEPP) Gümüşköy (in the Aydin region); the remaining 25% has been acquired by Egesim, a well-known company in the geothermal sector in Turkey.

The acquisition gives Albioma a bridgehead in a new business characterised by significant technical added value, offering a strong fit with the Group's well-established biomass and solar energy businesses.

GEPP extract heat from underground hot water/ steam reservoirs and convert into electricity. This locally-produced, economically competitive energy source is available on a 24/7 basis. Like biomass, geothermal energy production is dispatchable, which enhances the management of electrical networks and facilitates the integration of other, intermittent energy sources such as solar power.

Long-term investment

Commissioned in 2013, the Gümüşköy GEPP uses heat from 4 production mells to generate electricity under the terms of an operating licence valid until 2040 (with the option it being renewed for an additional 10-year period).

With an installed capacity of 13 MW, the plant currently exports annually up to 45 GWh of renewable electricity to the grid, under a feed-in tariff scheme of approximately USD 105/MWh, valid until the end of 2023.



13 MW of gross installed capacity of renewables

45 GWh

net electricity exported 24/7 to the grid

With the support of the existing teams, integrated at Albioma, works are about to be performed onsite to improve the amount production levels

With an installed capacity of more than 1,600 MW, Turkey ranks fourth in the world for installed geothermal capacity, with considerable potential for future development.

Brazil: ENERGY EFFICIENCY AND RENOWNED EXPERTISE

An exceptionally deep market

Brazil is the world's biggest sugar cane producer (with 700 million tonnes of sugar cane produced annually.

There are currently more than 340 sugar refineries operating in Brazil, making it the world's largest market for bagasse-based energy production.

A booming market

Currently, 7% of the country's electricity is generated by recovering bagasse. The Brazilian electricity market offers strong growth prospects. According to the most recent version of the energy development plan, the energy market is expected to grow at a rate of 2.3% per year.

However, the bagasse recovery efficiency of Brazilian sugar mills is sub-optimal. On average, Brazilian bagasse cogeneration plants export 50 kWh per tonne of sugar cane, compared with 120 kWh per tonne for Albioma's plants in Overseas France.

The scale of these potential productivity improvement and energy efficiency gains is what first prompted Albioma to take an interest in this market in 2013.



Vale do Paraná all-bagasse power plant was commissioned on 25 December 2020

The biomass-fuelled cogeneration unit, located in the town of Suzanápolis in São Paulo state, is the Group's fourth plant located in Brazil. The new plant is covered by operated under a long-term, inflation-indexed sales agreement that secures electricity sales of 120 GWh until 2046. This is the first Brazilian project for which the Group managed the construction and network connection works as well as the subsequent operation joint venture between Albioma and the Vale do Paraná sugar mill. With an installed capacity of 48 MW, the new plant can export up to 30 MW of renewable electricity to the grid.

Acquisition of Rio Pardo

Signature of the Val

Commissioning of Vale do Parana

2013 2014 2015 2016 2018 2020

Prospecting begins in Brazil Acquisition of Codora Acquisition of Esplanada



OUR CSR POLICY

OUR CORE BUSINESS





Our CSR policy fostering sustainable development

Actively contributing, TO THE SUSTAINABLE DEVELOPMENT GOALS (SDG) OF THE UNITED NATIONS FOR 2030

The Group contributes particularly actively to three of the 17 SDGs through its business model and strategy.

AFFORDABLE, CLEAN ENERGY



- An ambitious strategy of converting its biomass/ coal-fired power plants for all-biomass operation to substantially increase the share of renewables in its energy mix in the French overseas departments.
- Positioning designed to meet the base-load electricity requirements on islands, cut off from continental power generation (French overseas departments and Mauritius) and provide a more stable electricity supply, as well as greater use of intermittent renewable energies (solar, wind, etc.).
- Higher performance to improve efficacy and consume fewer resources as a key element of its thermal power plant acquisition model in Brazil.

INDUSTRY, INNOVATION AND INFRASTRUCTURE



- ➤ A combustion technology that enables different types of fuels to be used while protecting the environment and favouring the adoption of a circular economy.
- Ground-breaking innovation with the commissioning of the world's first combustion turbine powered by bioethanol fuel.
- Our photovoltaic energy generation and storage expertise.
- ➤ A third business line consisting of developing and operating geothermal facilities.

MEASURES TO COMBAT CLIMATE CHANGE

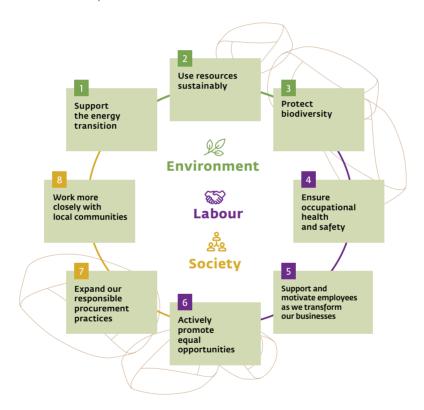


- ▶ Our commitment to actively helping the regions achieve their energy transition.
- ▶ A roadmap consisting of reducing our dependency on coal in line with changes in our energy mix, and a goal of achieving 100% renewable energy operation by 2030.
- ➤ Our support for the deployment of industrial Carbon Capture Utilization and Storage (CCUS) solutions as a founder member of CO₂ Value Europe.

An effective strategy rewarded by advanced performance

The Group has set itself priority commitments relating to its social responsibility chart.

These commitments form our roadmap for 2018–2023 and are carried out with all Albioma employees and stakeholders where we operate.



A constantly rising CSR score

63/100

Top 2%

of the companies assessed by Vigeo Eiris

Top 15

in the European energy sector in 2021

The relevance of our strategy has produced results including a 13-point increase in our CSR score in less than three years.

This increase is the fruit of committed efforts by all the Group's employees and clearly shows our environmental, social and governance performance.

Practical actions contributing to local development

Promoting our businesses IN THE ENERGY TRANSITION

Through our partnership with the "CGénial" foundation, we have continued to present, albeit virtually, the businesses involved in the energy transition to high-school students and sixth-formers. One of our actions, to around a hundred year-14 students, served as an alternative to a work placement.



Fostering access TO ENERGY

In Madagascar, our support for a local association enabled a partner company on the island to install solar panels in an Antananarivo village.

Acting for the future OF BIODIVERSITY

Albioma contributes to the "Péyivert" operation, which aims to plant a million trees in Martinique in five years.

Supporting, populations HIT BY THE HEALTH CRISIS

In 2020, a year that will mainly be remembered for the COVID-19 crisis, we mobilised to support the vulnerable. Albioma has made donations to organisations including the Catholic charity Secours Populaire Catholique in Mayotte, the French governmental agency Fondation de France by donating days off matched by the Group, the Kéré foundation fighting hunger in Madagascar, and associations that help the elderly in Brazil.



Our employees, driving our success



Employee safety is our top priority. After a period of extensive consultations, we introduced a five-year safety master plan. We are constantly working to improve our quality and ensure that all our actions focus on safety.

Developing the skills of our employees to meet the future needs of our businesses is a leading aspect of the Group's strategic framework. 2020 also saw new training methods set up in the form of e-learning modules.

Acting for EQUAL OPPORTUNITIES

The proportion of women working for Albioma has steadily increased over the last three years, including in technical operational positions, proof that attitudes are changing. Fighting youth unemployment is another of the Group's highest CSR priorities. It has become even more vital under the pandemic and Albioma has developed programs for apprenticeships, traineeships and international voluntary corporate internship (volontariat international en entreprise – VIE) agreements.

Local roots, one of our employment model's strengths

A strategy forming part OF A CIRCULAR ECONOMY STIMULATING JOB CREATIONS

Our bagasse-to-energy solutions have been supporting the sugar cane industry, which is a defining feature of the heritage of the French Overseas Departments and Mauritius.

In 2019, Albioma commissioned the world's first turbine to partly run on bioethanol fuel. This ground-breaking innovation extends the Group's strategy of forming partnerships with the sugar cane industry by recovering the molasses left over after processing the sugar cane in Reunion Island.

Our activities are one link in a long chain helping to preserve and increase the added value generated in the regions where we operate. For the last five years, we have worked extensively with local contractors to update the flue gas treatment equipment at our established plants in Overseas France.

The planned conversion of these facilities will sustain this trend, including by setting up new local biomass collection and processing industries.

Whenever possible, we also employ local workers in our solar power and geothermal energy businesses.



Performance indicators

CONTRIBUTION TO ENERGY TRANSITION

RENEWABLE ENERGY	UNIT	2020	2019	2018
Renewables as a share of total production	%	68	67	62*
CO ₂ intensity of energy production	geqCO ₂ /kWh	368	384	545
Quantity of bagasse and other biomass fuels recovered	In millions of tonnes	2.5	2.5	1.5
ENVIRONMENTAL IMPACT MANAGEMENT				
RECOVERY & ENVIRONMENT	UNIT	2020	2019	2018
Water intensity of energy production	litres/kWh	1.67	1.58	2.10
Quantity of combustion by-products (coal and bagasse) generated	In thousands of tonnes	292	279	236
Share of by-products recovered	%	44	42	36
Intensity of SOx emissions**	g/kWh	0.20	0.58	1.95
Intensity of NOx emissions	g/kWh	0.34	0.68	1.34
Intensity of CO emissions**	g/kWh	0.15	0.12	0.4
Intensity of particulate emissions	g/kWh	0.15	0.09	0.16
LABOUR AND SOCIAL				
SAFETY	UNIT	2020	2019	2018
Number of occupational accidents	#	14	6	8
Employee accident frequency rate	#	13.42	6.16	9.27
Employee accident severity rate	#	0.33	0.22	0.30
LABOUR	UNIT	2020	2019	2018
Group workforce	#	606	579	506
Number of hours of training per employee	h/yr/employee	29	34	26
Percentage of interns, volunteers and apprentices	0/%	8.0	6.4	4.7
Percentage of female employees	%	19	17	16
SOCIAL	UNIT	2020	2019	2018
Number of households supplied with electricity	thousand households	815	851	699

^{*} Pro forma full year Albioma Solaire France (formerly Eneco) and Albioma Esplanada (Jalles Machado) and excluding Methaneo, sold in 2018
** Excluding Brazil

Business model



Our resources

Industrial technical expertise

- high-efficiency recovery of energy from bagasse as our traditional model
- > innovative projects for storing the intermittent power produced from solar energy
- the world's first power plant to produce energy from sugar cane waste



Our industrial assets

- > more than **1 GW** of installed capacity
- > 15 thermal power stations
- > around 420 solar power facilities



Our employees

- > 606 employees in France and Brazil
- 30% executives, 45% supervisors and 25% employees and workers



A robust financial model

> drawing on project debt to finance around 75% of our investments, with the balance financed by the Group's own equity and its minority partners



Local roots

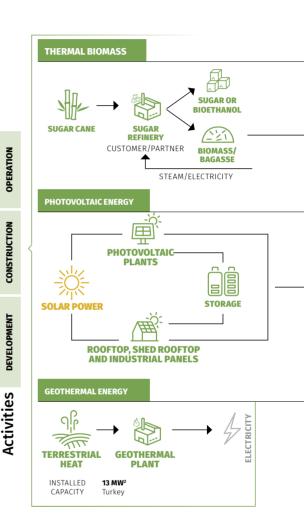
- > a unique partnership with the sugar industry for more than 25 years
- > with electricity distributors
- and grid managers as well as with public authorities



Market share

- > 46% of all power generated in Reunion Island
- > 44% in Mauritius
- > 21% in Guadeloupe
- > 19% in Martinique

Our business: energy the energy transition communities



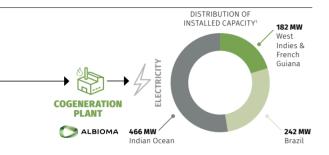


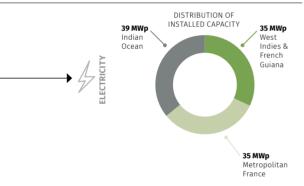












Group strategy

- >Powering the ENERGY TRANSITION IN OVERSEAS FRANCE
- >Accelerating our **DEVELOPMENT IN SOLAR POWER**
- > Rolling out ALBIOMA'S EXPERTISE INTERNATIONALLY

Three strategic priorities supported by an ambitious social responsibility policy built around eight commitments:





2. In the consolidated financial statements for FY2021.

Our value creation

Economic

- > €507 million in revenue
- > €206 million in FBITDA
- > **€55 million** million in net income, Group share
- > €0.80 in dividend per share
- > 80% rise in share price between 1 Ianuary and 31 December 2020

Developing a low-carbon economy

- > 68% renewables in the energy mix
- > 50% reduction in greenhouse gas emissions since 2013 while generating a total of 2.6 TWh of electricity sold and 2.2 TWh of steam

Putting into practice the principles of the circular economy

- > 2.2 Mt of bagasse recovered annually
- > double the average exported power per tonne of sugar cane achieved in Brazil after plant operation is transferred to Albioma
- > 44% of combustion by-products are recovered
- > worn solar panels include the producer's extended chain of responsibility

Protecting the environment

- > **€267 million** invested since 2013 to improve our flue gas treatment systems in Overseas France
- > 54% of revenue is certified Quality-Safety-Environment (QSE)
- > 2 current research partnerships on biodiversity conservation and the recovery of combustion by-products

Investing in human capital

- > 102 people recruited in 2020. including 63 permanent employees
- > 78% of the workforce is trained

Contributing to local development

- > €2.6 million people supplied with electricity³
- > 56% of subcontractors are local4
- > €12 million in taxes paid to the regions5
- > **€106 million** invested in local development projects in 2020
- 3. Scope including companies consolidated using the equity method.
- 4.As a percentage of the total purchases of the Thermal
- Biomass business in France, excluding fuels. 5 Scope France











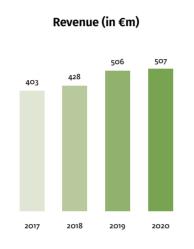




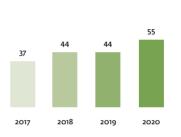




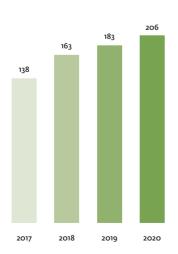
Financial overview



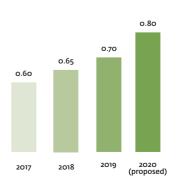




EBITDA (in €m)

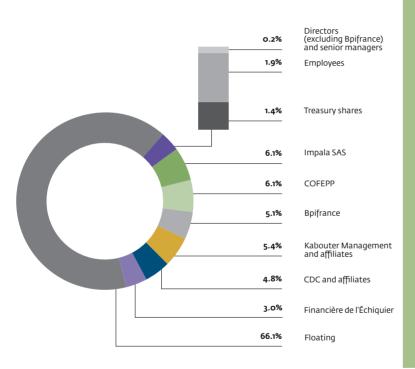


Dividend per share (in €)



Shareholders

Shareholder structure as at 31 March 2021



Key figures for 2020

€507 million

€206 million

€55 million net income, Group share

€0.80

Liquidity

NUMBER OF SHARES TRADED DAILY
(average over 6 months)

DAILY VOLUME
(Average over 6 months)

\$\int \text{8.3 million including} \int \text{3 million over Euronext} \text{Source: Bloomberg on 03/03/2021}

Albioma is listed on the Euronext Paris exchange (compartment A) - Eligible for SRD, PEA & PEA-PME and is included in the SBF 120 and CAC Mid 60.



