



**ALTHEORA**

smart & sustainable  
industrial leader



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Created to face the industry's ecological, societal and economic challenges, ALTHEORA is an industrial leader that brings together business line expertise and know-how from French industries producing mostly on French national territory.

Bénédicte Durand – CEO

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## ALTHEORA is the French leader in composite material applications.

Since 1934, the company has been known for its specific tools development in construction and public works (boxes for electrical, gas, telecommunications, and other applications). The Group has developed **expertise** and **state-of-the-art technologies** in wide-ranging and exacting sectors such as railways, aeronautics, ground mobility, healthcare, leisure, urban outdoor furnishings, and more. ALTHEORA offers **solutions that are 100% integrated**, starting from R&D to production. Alongside its clients, it develops new products responding to **the needs of tomorrow** (new types of mobility, smart cities, etc.).

The Group is built around three centers of excellence:



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Backed by the skills and talents of its employees spread across **4 sites in the Auvergne-Rhône-Alpes region**, as well as **1 site in Romania**, ALTHEORA currently supports **more than 500 international clients**. The group won the best **innovation award** in the Design & Furniture category of the **JEC Innovation Awards**.



# key figures

2021 REVENUES  
**32,1M€**  
+15% compared to 2020

**3M€** IN 2021  
dedicated to  
INVESTMENTS  
(R&D, CAPEX, OPEX)

**4 SITES**  
in Auvergne Rhône-Alpes

**220** EMPLOYEES  
ALTHEORA  
FRANCE AND ROUMANIE

**1 SITE**  
en Roumanie  
*1 site in Romania*

ALMOST  
**90 ANS**  
OF EXPERIENCE

COMPRESSION  
**32 PRESSES**  
from 100 to 2,000 tons  
that are mostly robot-operated and automated

INJECTION  
**15 PRESSES**  
from 50 to 550 tons  
for technical or class A parts

LOW PRESSURE INJECTION MACHINES  
**2 MACHINES**

NEW PAINT PLANT  
**3000 M<sup>2</sup>**

**10M**  
parts  
produced  
PER YEAR

**6000**  
references

**500**  
customers

**28**  
countries

## **our story :** **Taking up technical challenges for 90 years**

For almost 90 years, we have used our know-how to serve the needs of our clients, industry, and the people of our territory.

Each step in our development has helped us to face the challenges of the moment: setting up electricity distribution networks, the arrival of polyester, the industry digitalization, the development of natural and recyclable materials...

Today, ALTHEORA is meeting the challenge of the 4th Industrial Revolution, meaning that we will create sustainable growth by accelerating CSR transformation in companies sharing our vision, and in so doing, revitalize our territory.



**19  
34**

**Creation of MECELEC**  
(electrical networks)



**19  
58**

**Introduction of plastic  
and composite elements**



**19  
76**

**Creation of MCR**  
(MECELEC COMPOSITES & Recyclage)



**19  
97**

**1<sup>st</sup> key partnership with NEXANS**  
(electrical cabinets)



**20  
13**

**Construction of a  
2<sup>nd</sup> plant in MAUVES**



**20  
19**

**Creation of MCI**  
Transforming bio-sourced composite materials at an industrial scale



**20  
20**

**Acceleration of the Strategic Plan  
implementation in 3 areas:  
Innovation, CSR  
& international development**



**20  
21**

**Creation of an innovative and  
respectful industrial ecosystem:  
ALTHEORA  
Creation of ALTHEORA's  
innovation booster:  
ALTHEORA SHIFT**

# our ambition

## create the first French symbiotic ecosystem

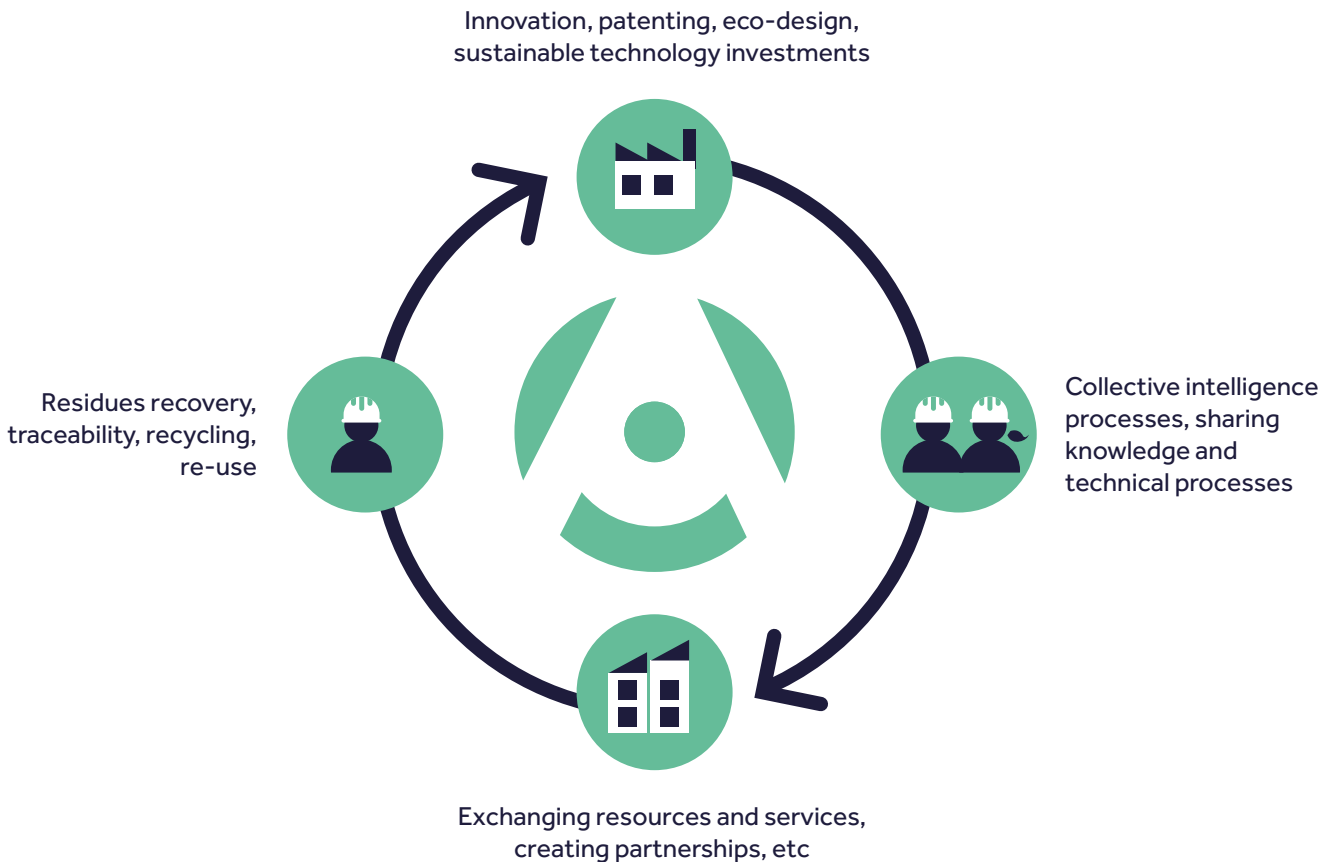
**ALTHEORA was made to meet the 4<sup>th</sup> Industrial Revolution Challenges.**

And because challenges are never met alone, it is **by working together** that industrial companies contribute collectively to **create a world that generates sustainable and inclusive growth.**

Working together means **sharing the same vision and the same values.** As an industrial leader, ALTHEORA leads an ecosystem in which each company continually seeks to **improve its practices**, starting by **reducing its environmental footprint** and **favoring the well-being of its employees.**

Convinced that its responsible approach is a **powerful driver of innovation and transformation**, ALTHEORA adopted a **Corporate Social Responsibility (CSR)** approach that is a first in its sector.

Yet, its participation in the 4th Industrial Revolution is not limited to the individual efforts of companies in its ecosystem. What makes it unique is its **ability to create a symbiotic industrial system with these companies and start-ups.**





## our values

ALTHEORA above all is a story of people who share and transmit their team spirit, know-how and values. We are committed to seek ways to extend our responsibility throughout the ALTHEORA value chain, seeking to systematically combine competitiveness and durable positive impact.



CREATIVITY  
& INNOVATION



OPERATIONAL  
EXCELLENCE



CULTURE &  
TRANSMISSION



RESPONSIBILITY  
& COMMITMENT

## our CSR commitments

make the responsibility  
be our driving force

Within its ecosystem, ALTHEORA adopted a **Corporate Social Responsibility (CSR)** approach that is a first in its sector.

**Every day, we combine our efforts to be recognized as a competitive industrial ecosystem, a responsible employer, a provider of innovative environmentally responsible solutions, and a partner that can be trusted.**

To monitor our non-financial performance, ALTHEORA has chosen to refer to the **Sustainable Development Goals (SDGs)** as they are defined by the UN. 16 SDGs were selected to lead **five large impact areas**. For each of these, ALTHEORA defines and implements a dedicated CSR policy, alongside its stakeholders.

**REDUCE  
OUR ENVIRONMENTAL  
FOOTPRINT**

**IMPROVE  
WELL-BEING  
FOR EVERYONE**

**STEER  
A RESPONSIBLE  
SUPPLY CHAIN**

**COMMUNICATE  
WITH COMPLETE  
TRANSPARENCY**

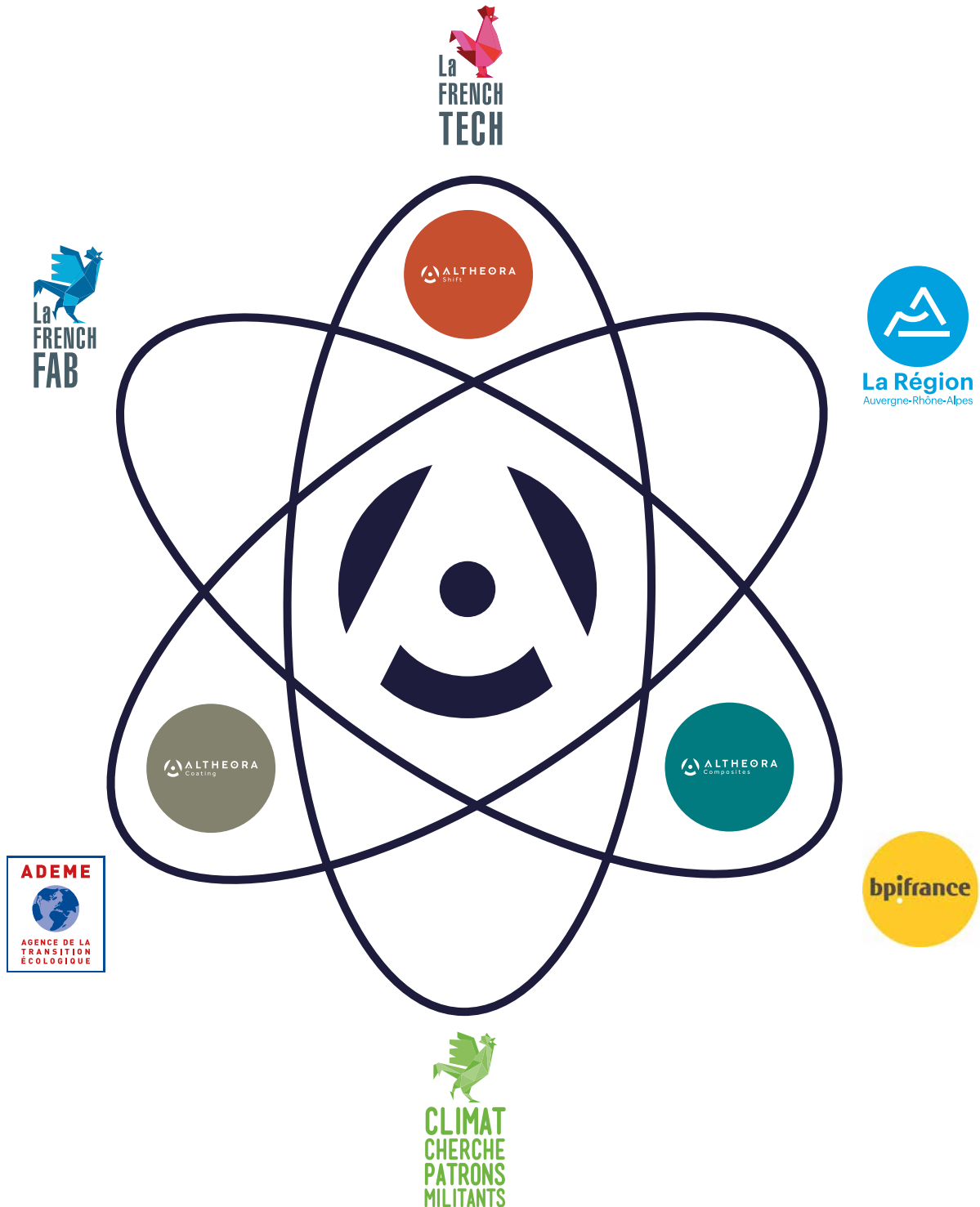
**GET INVOLVED  
IN THE ORGANIZATION  
OF THE LOCAL  
ECOSYSTEM**

 **OBJECTIFS DE DÉVELOPPEMENT DURABLE**



# our ecosystem

the innovation and the environmental responsibility  
serving the industrial revolution







ALTHEORA supports French-sourced manufacturing. Its manufacturing sites are primarily in France, and more than 65% of the company's purchases are made in the AURA region. ALTHEORA is a member of La French FAB, which supports the French industry modernization.

Innovation fuels growth at ALTHEORA. ALTHEORA Shift is its innovation accelerator. Its engineers / researchers support the development of all technological projects focused on industry, and on eco-responsibility. ALTHEORA is a member of French Tech.



La Région  
Auvergne-Rhône-Alpes

ALTHEORA's story begins in AURA. It is also in this region that it continued to develop alongside its population, its resources, and its administration. By participating in revitalizing the local industrial fabric, ALTHEORA strives to be the leading high-performance and responsible mid-cap industrial company in the AURA region.

In recognition of its efforts to reduce impact, ALTHEORA has been selected by BPI France and ADEME to participate in the 1<sup>st</sup> promotion of industrial decarbonation accelerator: ALTHEORA is pursuing its low carbon path.



ALTHEORA SHIFT is both an innovation division serving the entire ecosystem, and an accelerator for innovative projects that support the development of start-ups selected by ALTHEORA. It is a true technological laboratory, developing custom projects for ALTHEORA's clients. As a business accelerator, it nurtures technologically innovative projects that generate positive impact, and that have the potential to be integrated into the ALTHEORA ecosystem.

Within ALTHEORA Coating, MC Coating is the company that is specialized in finishing work on industrial parts. Its experts develop the technological know-how that ensures a finished product that is ready to be integrated.



Within ALTHEORA Composites, MECELEC Composites currently supports more than 500 clients in their projects, from the creation to the end-use application. In this new organization it provides know-how that is recognized in 28 countries, and an ambitious CSR transformation policy.



By joining the "Coq Vert" BPI France community as a pioneer, ALTHEORA pursues its mission: create, steer, and develop an industrial ecosystem to join the 4th Industrial Revolution.

To guarantee economic growth and employment while meeting environmental challenges, ALTHEORA, in partnership with ADEME, develops audit and measuring tools that enable to monitor its impact.



## our trades

ALTHEORA deploys **strong industrial synergy** by combining business lines and know-how that always provide the best and most wide-ranging solution to meet its clients expectations. ALTHEORA is built around three centers of excellence, each of them housing companies that are experts in their fields:



### MECELEC Composites, leader in processing composite materials

**MECELEC Composites** masters technological know-how and cultivates **innovation in composite material applications.**

With more than 6,000 product references and 500 clients in 28 countries, MECELEC Composites is the expert partner in consulting and engineering, supporting projects from proof-of-concept to production. Our teams develop processes that allow us **to support projects from their creation to their end use, whatever the technical constraints are,** ensuring client satisfaction.

MECELEC Composites transforms composite material in many sectors: **Aeronautics, Railway Industry, Ground Mobility, Sports, Leisure, Water Sports and Medical.**

MECELEC Composites masters all the major composite processes:

**Thermosetting compression (SMC), Thermoplastic Injection, Contact, Infusion and RTM (resin transfer molding).** It processes all existing materials, and produces technically sophisticated parts (of non-standard sizes, resistant to extreme temperatures, fireproof, with strong electrical insulation properties, etc.). The company also offers finishing work for parts up to the end product (painting, marking, insertion, cabling, surface treatments, etc.).



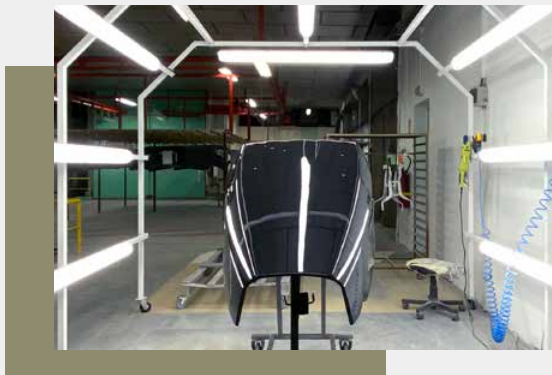
Today, with its 3 manufacturing sites, Mauves, and St-Agrève (Ardèche, France), St-Etienne-de-Saint-Geoirs (Isère, France) and its **exclusive industrial presses in Europe\***, MECELEC Composites offers, parts that meet complex technical specifications and strict standards, whether in terms of resistance, flexibility, impermeability, or electrical insulation.

\*automotive supplier excluded



## MPC, The dedicated offer for the construction industry in Eastern Europe

**MPC Romania** is the manufacturing of cabinets (electricity, gas, telecom, water, etc.), in composite materials in Eastern Europe. For the local construction industry, its offer meets their expectations regarding the support and the technical specifications. Its manufacturing site is located in Cluj-Napoca (Romania).



## MC Coating, specialist in industrial parts finishing work

MC Coating is the industrial painting and coating specialist. Its experts develop **technological skills in liquid and powder painting**.

Its R&D team develops customized formulas for maximum long-term protection of products, even in extreme environments. It constantly sources new types of paint that improve the parts performance.

The combination of MC Coating's skills, cutting-edge technical expertise and manufacturing solutions help to increase productivity, reduces costs and improve the finished parts quality, **whatever the part type or the clients' application requirements**.

Its painting booths make **MC Coating a leader in its market**. Its 3 000 m<sup>2</sup> manufacturing site is located in Mauves (Ardèche, France).



## ALTHEORA Shift, innovation laboratory and industrial projects booster

**ALTHEORA Shift is a true innovation accelerator.**

Its mission: inspire and accelerate the innovative and sustainable industrial patents and projects of tomorrow.

In a hybrid area that mixes applied research and industrial manufacturing, ALTHEORA Shift supports selected projects and start-ups, sharing its R&D teams, as well as its technological, commercial, marketing and legal resources to make the industrial fabric more dynamic, and foster the 4th Industrial Revolution.

For ALTHEORA, **SHIFT is a state of mind**: It is the capacity to think «out of the box», to look at problems from another angle, and in doing so, imagining new technological solutions.

With this vision in mind, ALTHEORA Shift has created **GENDZO PROCESS®**, an exclusive hybrid process. This is an innovative and efficient alternative to painted parts resulting from the assembly of several parts and produced in medium series. **By creating a hybrid of traditional processes and materials, GENDZO PROCESS® creates parts with increased value and performance levels.** GENDZO PROCESS is exclusively patented by ALTHEORA.



Every year, ALTHEORA Shift holds a call for industrial, projects based on composite materials: **THE BOOSTERS**. Their goals: develop new technological solutions, reveal and produce innovative and sustainable industrial projects starting today.



# our achievements

## JC DECAUX

ALTHEORA manufactures the most iconic urban outdoor furnishings in Paris - the roof of the Morris columns since 2019. The challenge was to respect its mythical design while opting to employ a responsible manufacturing process using linen fibers, and guaranteeing that the column is completely waterproof.

**Production:** medium quantities  
**Manufacturing processes:** injection, SMC, RTM and painting



## TRIGANO

ALTHEORA manufactures the front roof of the CHALLENGER and CHAUSSON brands' emblematic motorhome. Using composites improves the quality of the product and makes it easier to install.

**Production:** high quantities  
**Manufacturing processes:** SMC and painting

## IVECO

ALTHEORA manufactures the battery and air-conditioning unit fairings for hybrid buses in urban areas. The combination of manufacturing processes proposed by our design office protects the components and channels the airflow for proper use.

**Production:** high quantities  
**Manufacturing processes:** SMC + injection



## RENAULT TECH

Renault Tech has entrusted ALTHEORA with the manufacturing of the rear floors for its new Kangoo model for reduced mobility passengers. This composite part is more lightweight than sheet metal parts, but has still high structural properties.

**Production:** medium quantities  
**Manufacturing processes:** SMC

## ALSTOM

ALTHEORA manufactures power boxes for the Smart Coradia train produced by Alstom. The combination of manufacturing technologies ensures maximum protection and a perfect insulation.

**Production:** medium quantities  
**Manufacturing processes:** RTM + Contact



## GRDF

GRDF has entrusted ALTHEORA with manufacturing the door of its latest innovation, Gazpar intelligent gas meter. Manufacturing this part in SMC guarantees perfect insulation and a resistance to extreme temperatures.

**Production:** high quantities  
**Manufacturing processes:** SMC

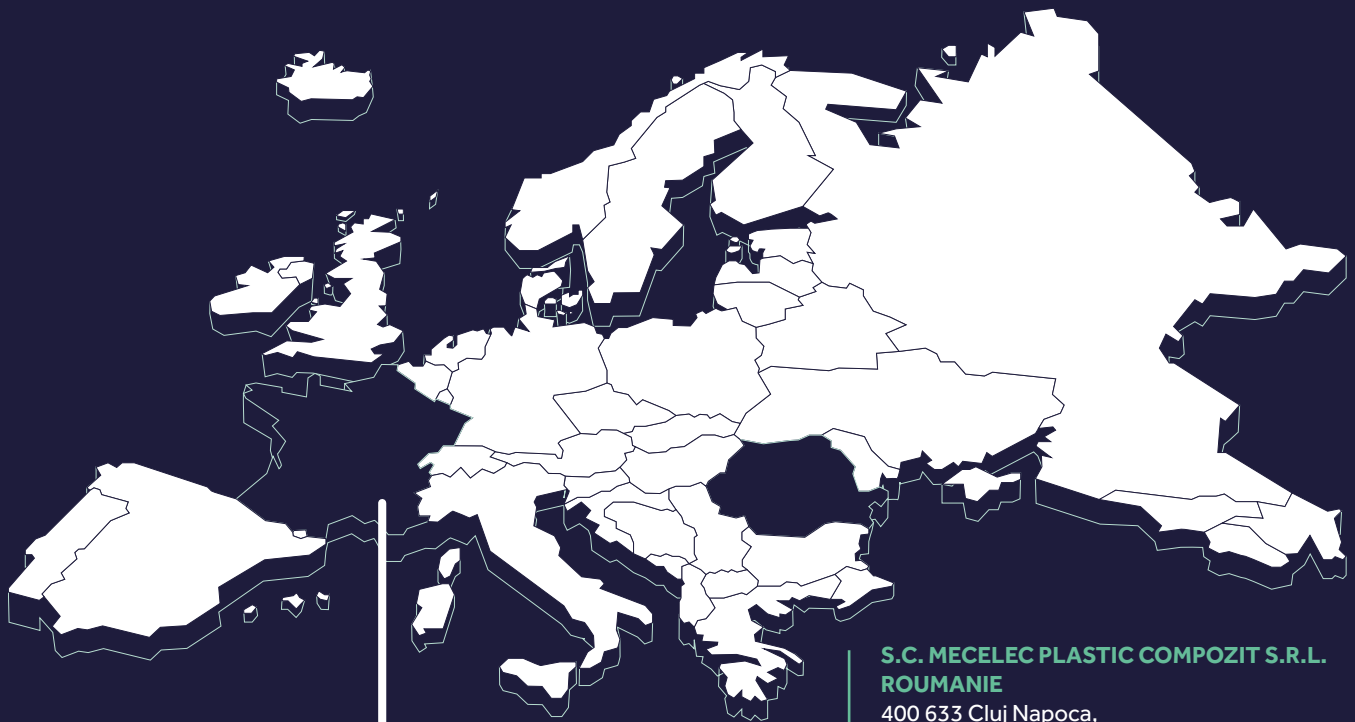


# they trust us



## our production plants

the industry quality and competitiveness mainly  
located in Auvergne-Rhône-Alpes Region



### S.C. MECELEC PLASTIC COMPOZIT S.R.L. ROUMANIE

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-

#### ST-AGRÈVE (2)

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-

#### ST-ÉTIENNE-DE-ST-GEOIRS (3)

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-

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ALTHEORA