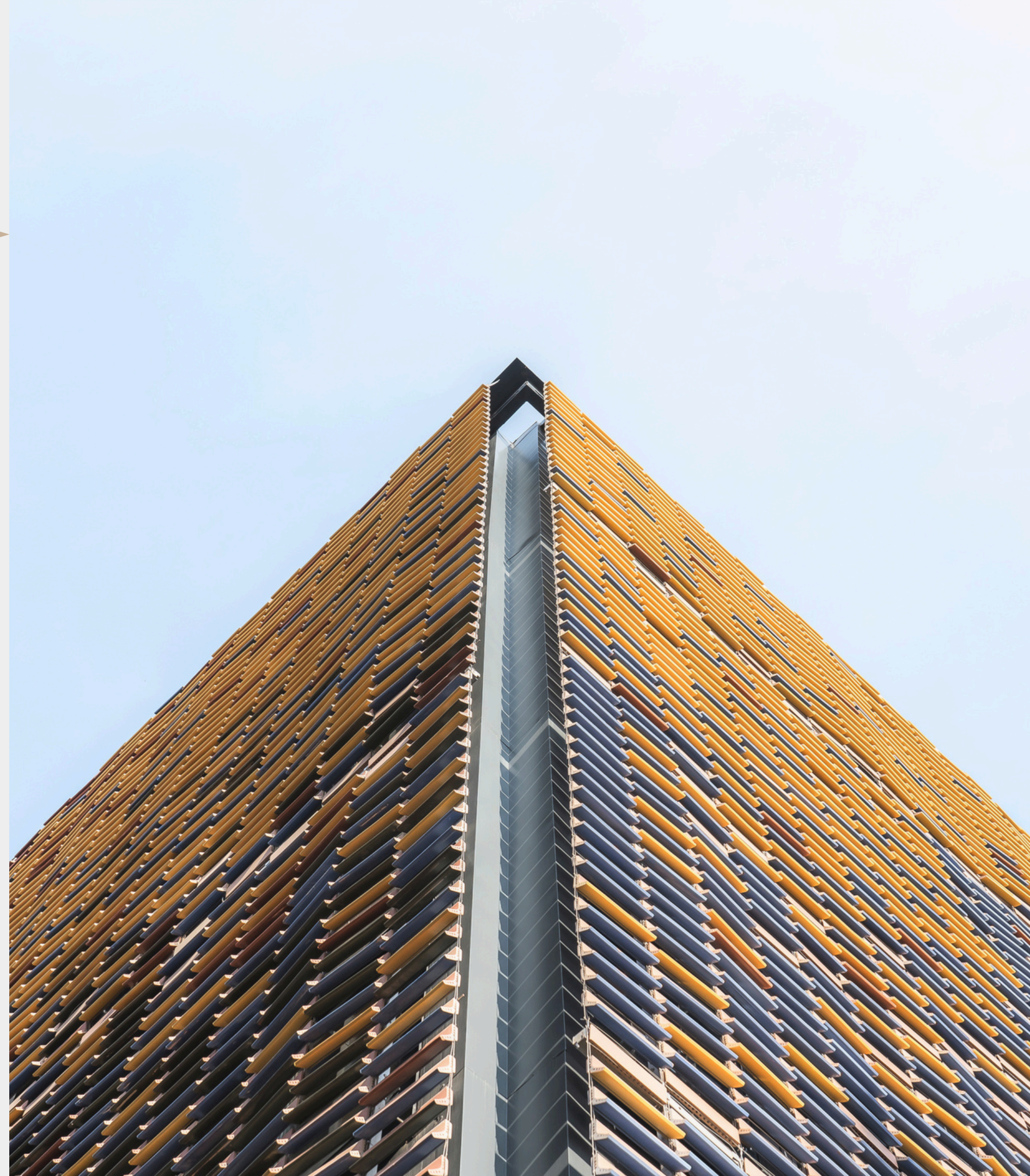


Corporate Social Responsibility

ANNUAL REPORT 2025

GRES ARAGÓN
SOLUTIONS FOR LIVING

FAVEKER
ARCHITECTURAL CERAMICS



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LETTER FROM MANAGEMENT

The main purpose of **Gres Aragón** is to provide architectural ceramic solutions worldwide, sustainable, innovative, and healthy . It operates locally and acts globally.

As a socially responsible company, Gres Aragón is part of **Grupo SAMCA**, and among its objectives is to contribute to the progress of its stakeholders: investors (SAMCA), employees (by creating quality employment), customers (by fostering loyalty and trust), suppliers (by working in close collaboration), and society (in the areas where it operates). Together, these efforts contribute to the community by promoting a more sustainable environment from economic, environmental, labor, and social perspectives.

For this reason, **Gres Aragón** finds in Corporate Social Responsibility (CSR) the ideal framework to reflect its business philosophy, activities, and management, through ongoing dialogue with its stakeholders.



PARTNERS



ENVIRONMENT



SOCIETY



MANAGEMENT



CUSTOMERS



PEOPLE



SUPPLIERS

On behalf of everyone at Gres Aragón, both professionally and personally, I am proud to introduce this updated "**Sustainability Report**," endorsing this compendium of actions aligned with the RSA Program (Social Responsibility in Aragón), in which we participate. We feel as committed now as—or even more than—when, 35 years ago,* we instilled our values in this company, working enthusiastically towards a promising and increasingly sustainable future, to whose realization we contribute.

**In October 1943 the original company was established under the name "Cañada S.L.," which has been part of Grupo SAMCA since 1991.



Marco Lahoz
Gres Aragón General Manager



SCOPE

This report refers to the company **Gres de Aragón S.A.** It presents performance data for 2025 and, where relevant, for previous years, as well as certain advances made in 2026 in line with the focus of the “2025–2027 Strategic Plan.”

Industrial activity is carried out in the Teruel regions of Bajo Aragón and Andorra–Sierra de Arcos, while part of the logistics and commercial activity takes place in the Plana Baja area of Castellón. From three different operating sites, the company serves the many countries to which its products and services are delivered.

This Sustainability Report will continue to be updated annually in line with the renewal cycle of the **RSA Seal**, with the future commitment to raise this level of social reporting to that of the RSA+ Seal, the highest level of CSR recognition awarded by the Government of Aragón.



It is inspired, among others, by the GRI (Global Reporting Initiative) standard, version G4, the most widely used global reference for social reporting and triple-bottom-line reporting.



It is framed within the United Nations (UN) Sustainable Development Goals (SDGs) and their targets for the 2030 Agenda. It is also aligned with the UN Global Compact, the UN initiative that promotes corporate sustainability worldwide.

To promote transparent communication on sustainability matters, we have enabled the following email address:

rse@gresaragon.com



We strongly encourage this direct communication channel to become a genuine channel for dialogue with our stakeholders. As a Socially Responsible Group, and in order to promote the social and corporate sustainability of our comarcas, the Province

In this regard, and in accordance with its founding spirit that continues to inspire the Group, Gres Aragón is committed to Corporate Social Responsibility and ethical management through adherence to the “Ten Principles” of the United Nations Global Compact.



SAMCA GROUP



9 INDUSTRIA, INNOVACIÓN E INFRAESTRUCTURA

11 CIUDADES Y COMUNIDADES SOSTENIBLES

Since 1991, Gres de Aragón S.A. has been part of the Ceramic Division of the SAMCA Group.



95%* OF OUR RAW MATERIALS ARE SOURCED FROM COMPANIES WITHIN THE SAMCA GROUP.

*% by weight, 2025 data.



CLAYS

- Ariño (Teruel)
- Onda (Castellón)
- Tamame (Zamora)



GLAZES AND COLORANTS

- Alcora (Castellón)

SAMCA Group

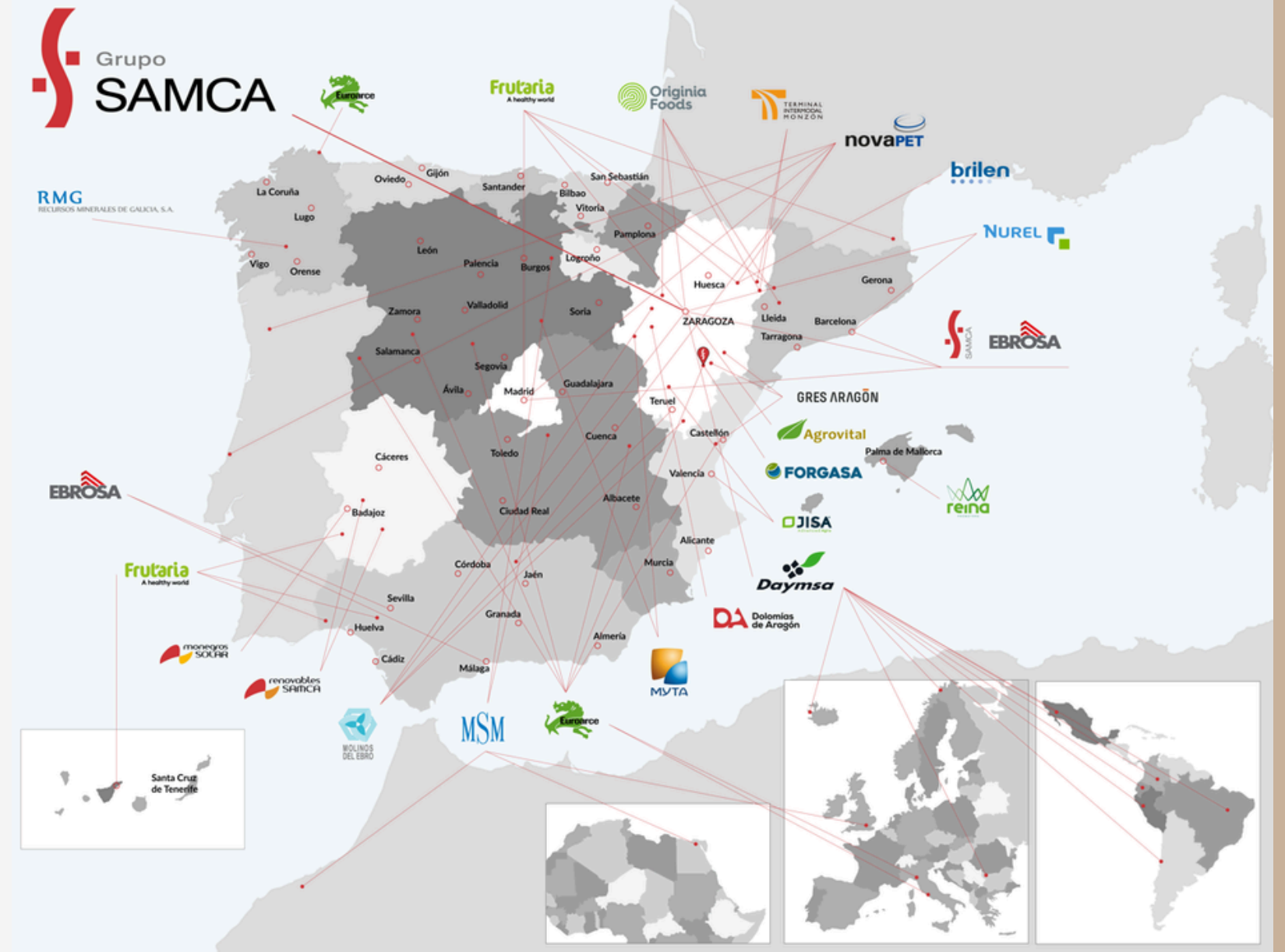
- Privately owned, family-held company
- Over 100 years of history
- More than 70 production sites
- Annual turnover exceeding €1.3 billion
- More than 4,000 employees
- Presence in more than 12 countries

SAMCA Group. Aragonese roots. Leadership across **six business sectors**:

- | | | |
|---|-----|--|
| <ul style="list-style-type: none"> • Mining and ceramics • Renewable energy • Polymers, packaging and synthetic fibers | and | <ul style="list-style-type: none"> • Agrifood • Plant nutrition and crop protection • Real estate and logistics |
|---|-----|--|

Key Differentiating Factors

- **Ongoing reinvestment**
- **Innovation** across all business areas:
 - More than 160 patents and 250 plant variety registrations
 - Over 50 professionals dedicated exclusively to R&D
- **A long-term approach** to planning and decision-making, building lasting relationships
- **Social and environmental sustainability**
 - Renewable energy generation equivalent to 100% of our industrial energy demand
 - More than 70 projects funded through the SAMCA Foundation
 - Three endowed university chairs



GRES ARAGÓN



MISSION

To provide sustainable, quality, innovative and healthy ceramic architectural solutions, in collaboration with customers and prescribers, while creating quality and high-value employment.



VISION

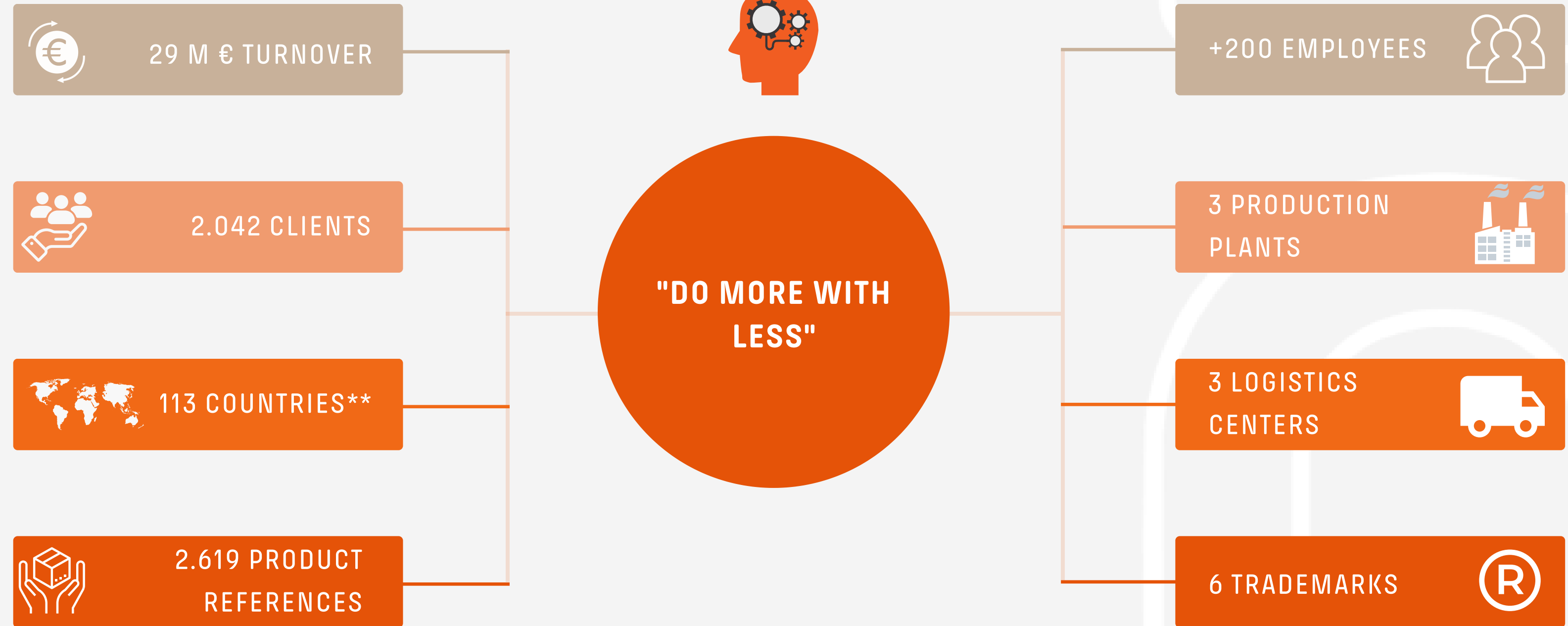
To be leaders on quality and service in ceramic products, providing optimal solutions for exterior and interior spaces: tiles, skin of buildings and swimming pools. Facilitating the achievement of the SDGs, especially by contributing to the decarbonisation, as well as to the health and well-being of all stakeholders.



VALUES

- Achievement of the highest level of satisfaction among customers, employees, shareholders and suppliers
- ESG sustainable through a balance between social welfare, environmental care and economic growth
- Socially responsible with the people employed (health and safety, quality employment, training,...), with the environment (circular economy, energy efficiency,...) and with Society
- Committed through continuous improvement towards Excellence
- Innovation in products and processes through a profit reinvestment strategy, and applying and developing state of the art technology
- Teamwork involving all employees in collective effort
- Honesty, sound judgement, consistency, transparency and legal compliance
- Committed to the UN Sustainable Development Goals

OUR STRATEGY



This Strategy guides us and is primarily focused on sustainability centered on our key stakeholders: customers, people, and the environment, as well as on the principles of Corporate Social Responsibility.



*The data reflect GRES ARAGÓN figures for 2025.
** Number of different sales countries during the 2021–2025 period.*

SUPPORT OF THE UNITED NATIONS (SDGS)



GRES ARAGÓN is committed to the UN Sustainable Development Goals (SDG) as expressed in our Mission, Vision and Values; particularly, the following:

3. GOOD HEALTH AND WELL-BEING



- We safeguard the hygiene and safety of our workers.
- We promote a preventive culture regarding health.
- The well-being of users of our products, thanks to their antimicrobial properties.
- Ceramic façades and roofs provide protection against weather events.

4. QUALITY EDUCATION



- Continuous training for employees to improve their skills.
- Agreements with educational institutions and reception of interns, offering them continued employment within the company.
- We provide training to specifiers, architects, installers, ceramic distributors, and vocational training schools.
- Through our policies and the implementation of a Legal Compliance system, we establish commitments to human rights.

5. GENDER EQUALITY



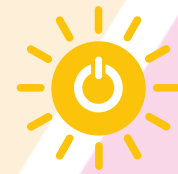
- We have a remuneration policy that ensures equal pay for equal work, regardless of gender.
- We promote work–life balance for both women and men.
- An Equality Plan is currently under development.
- We have a Code of Ethics that addresses gender equality.

6. CLEAN WATER AND SANITATION



- Ensure availability and sustainable management of water and sanitation for all.
- Water is one of the raw materials used in our manufacturing processes, as well as a cooling and cleaning agent. All process wastewater is reused, ensuring zero discharges.

7. AFFORDABLE AND CLEAN ENERGY



- Implement energy-saving measures in our production processes and work toward decarbonization.
- Conduct energy audits.
- Implement the Energy Management System ISO 50001:2018.
- Install photovoltaic systems for self-consumption at our production plants.

8. DECENT WORK AND ECONOMIC GROWTH



- Ensure availability and sustainable management of water and sanitation for all.
- Water is one of the raw materials used in our manufacturing processes, as well as a cooling and cleaning agent. All process wastewater is reused, ensuring zero discharges.



9. INDUSTRY, INNOVATION AND INFRASTRUCTURE



- We are advancing in digital marketing.
- We innovate in products and processes by reinvesting profits.
- We invest in R&D&I through partnerships with universities, the public sector, and other private companies.
- Industry 4.0 technology to obtain automated and systematic information from production processes.

11. SUSTAINABLE CITIES AND COMMUNITIES



- Products with a high content of recycled material.
- The Faveker façade contributes to building insulation, providing constructive solutions for the design of Nearly Zero Energy Buildings (NZEBS).
- We limit the use of paper and plastic.

12. RESPONSIBLE CONSUMPTION AND PRODUCTION



- We use materials with a high recycled content.
- We manufacture products that are 100% recyclable and have long durability.
- We promote the use of renewable energies and energy efficiency.
- We recycle 100% of process wastewater and implement eco-design measures for packaging.

13. CLIMATE ACTION



- Environmental management system certified to ISO 14001.
- Carbon footprint calculation according to ISO 14064:2019.
- Product Environmental Declaration that calculates impacts across the entire life cycle.
- Members of the Green Building Council España.
- We invest in R&D&I to find new solutions to climate change.

16. PEACE, JUSTICE AND STRONG INSTITUTIONS



- We comply with Spanish and international human rights legislation.
- We have implemented a workplace anti-harassment protocol at our sites.
- Implementation and certification under UNE 19601 of a Criminal Compliance system that includes a Code of Ethics and a Legal Compliance Policy. A whistleblowing channel is also available on our website.
- We have a Social Responsibility Policy in which we establish our commitments to respect the human rights of employees, customers, suppliers, and society.

17. PARTNERSHIPS FOR THE GOALS



- Committed to the UN Sustainable Development Goals (SDGs). We have identified and assessed the SDGs related to our core business and work on them through concrete action plans.
- We establish collaborative processes with other stakeholders in the ceramic and construction markets.
- We report progress in the UN Global Compact progress report format, in line with our SDG commitments.

PRODUCTION PLANTS



GRES ARAGÓN - ALCORISA

Ventilated façades and large-format treads made of horizontally extruded porcelain stoneware.



GRES ARAGÓN - ALCAÑIZ

Plant 1: Horizontally extruded stoneware (gres) and specially pressed porcelain pieces.

Plant 2: Stoneware and special clinker pieces vertically extruded.

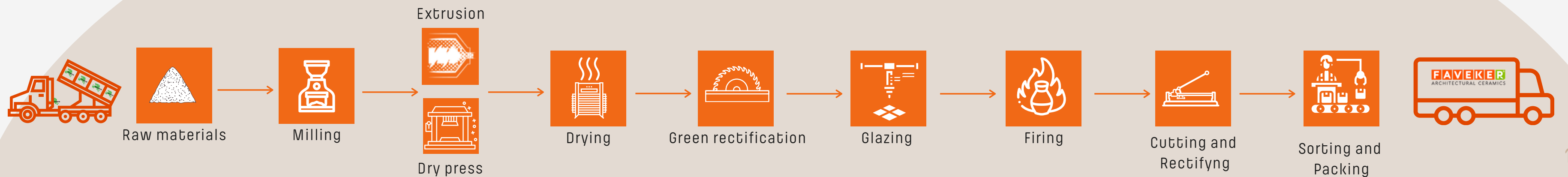


GRES ARAGÓN - ONDA

Logistics center, warehouse, sales office, and product showroom.



PRODUCTION PROCESS



OUR TRADEMARKS



GRES ARAGÓN
SOLUTIONS FOR LIVING

We provide sustainable, high-quality, innovative, and healthy ceramic architectural solutions in a variety of formats and special pieces for all types of environments and finishes, enhancing the aesthetics of both interior and exterior spaces.



FAVEKER
ARCHITECTURAL CERAMICS

Ventilated façade systems suitable for renovation, new construction and special projects, which make buildings more sustainable, efficient and comfortable thanks to thermal and acoustic insulation.



ARAKLINKER

Vertically extruded unglazed stoneware



ACEPOOL
WELLNESS CERAMICS - GRES ARAGON

We offer two specific product lines for swimming pools: one for public pools and another for private and residential pools. We supply top-quality materials offering strength, durability, low porosity and an anti-slip surface.



BIOKLINKER
TECHNOLOGY BY GRES ARAGON

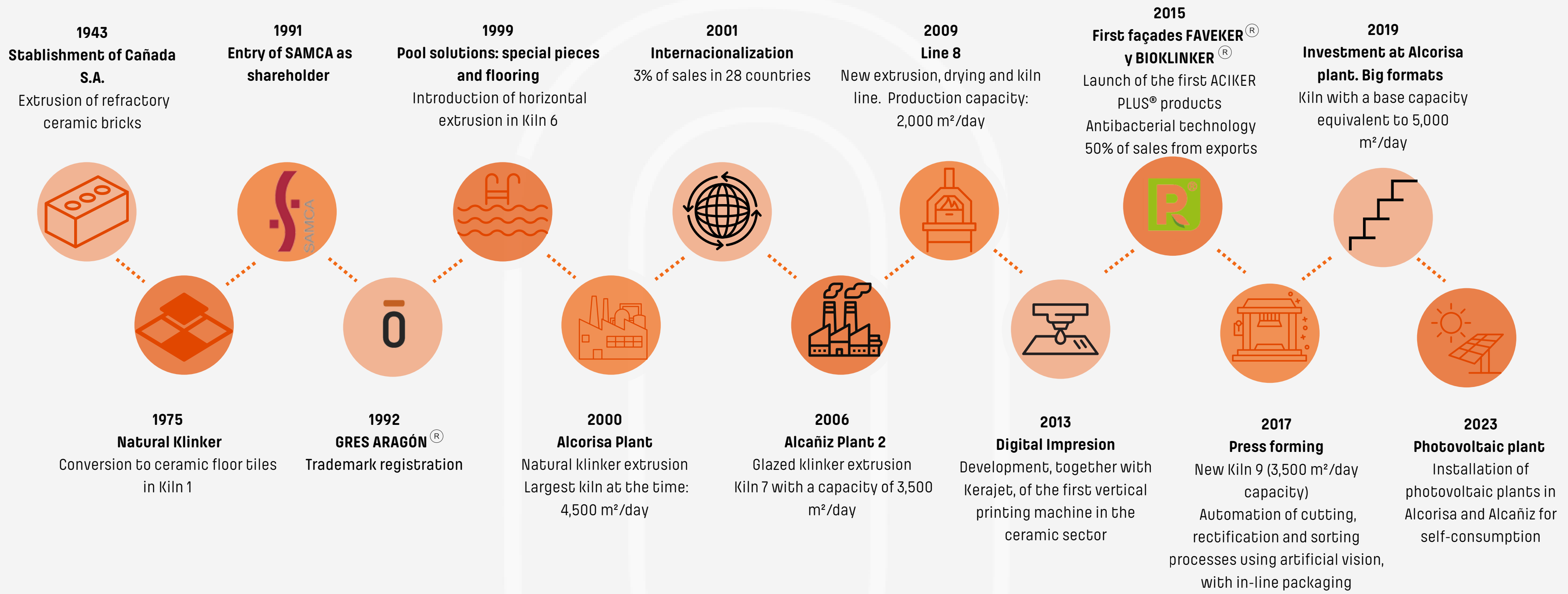
Bioklinker technology inhibits the growth of bacteria, fungi and yeasts, producing a material effective against odors and stains. Because the treatment is applied prior to firing, neither the material's properties nor its color are altered.



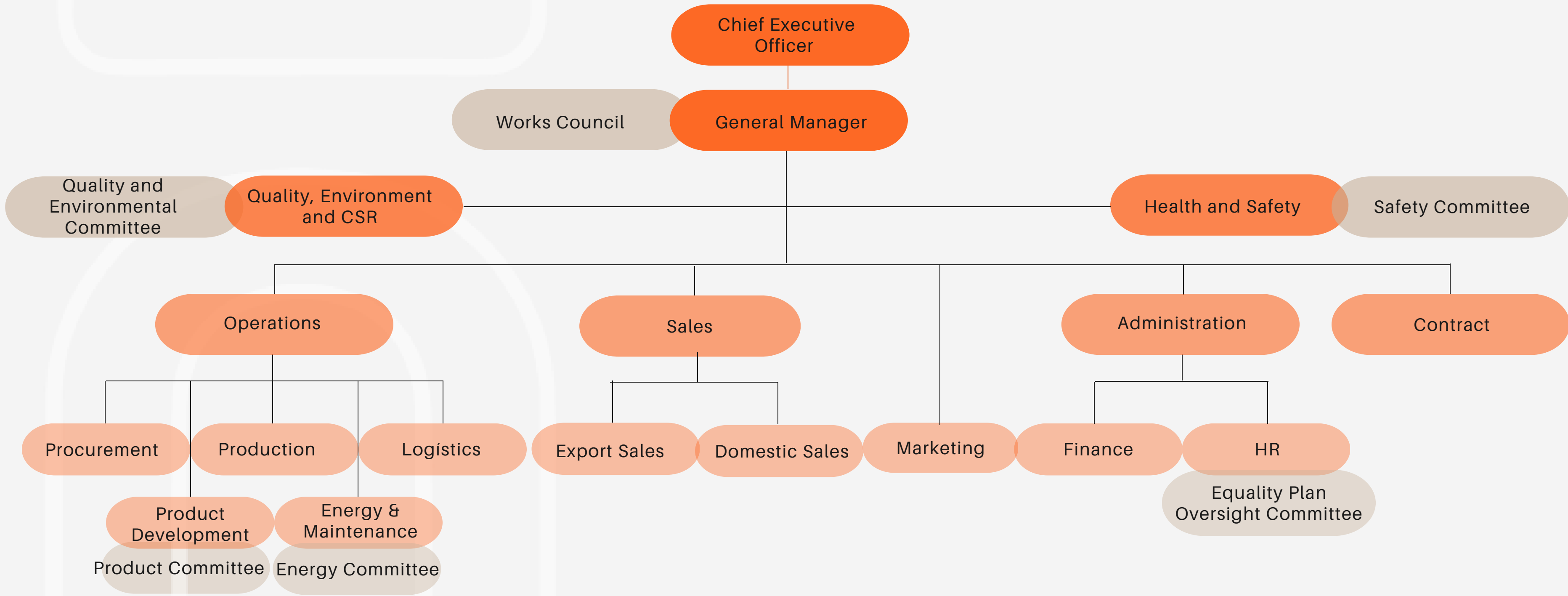
KLINKJET
PRINTING TECHNOLOGY BY GRES ARAGON

Glazed stoneware and glazed porcelain manufactured using inkjet technology

KEY MILESTONES



CORPORATE GOVERNANCE



SOCIAL RESPONSABILITY POLICY



To be a **transparent and exemplary** organisation in the conduct of our activities, with an unwavering commitment to legal compliance, including full adherence to all applicable laws, regulations and internal ethical standards.

To pursue excellence in management and continuous improvement in order to offer the highest quality products to our **customers**, built on trust and credibility.

To foster **professional relationships** based on respect for the dignity of others, collaboration, fairness and open communication, promoting a positive working environment.

To promote **environmental responsibility** through actions aimed at the efficient and responsible use of natural resources, minimising environmental impact and supporting the development of clean technologies.

To ensure ethical and responsible relationships with **suppliers** across the organisation, avoiding any conflicts of interest that could compromise impartiality.

Reinvestment, the creation of quality employment, excellence, integrity and innovation are the commitments we uphold towards **society**.



STAKEHOLDERS



SOCIETY

- Contribution to the community through local employment and economic development.
- Socio-economic contribution to local and regional communities
- Transparent communication on matters relating to our plants, products and services
- Provision of financial support through the SAMCA Foundation

Action lines

- Generate stable employment in the area (Bajo Aragón comarca/region) through Group companies, creating mutual synergies.
- Cooperate with associations and organizations in socio-cultural activities and through donations of ceramic materials.
- Keep the website and information channels on social media up to date.
- Support university research, international cooperation and social solidarity.



PARTNERS /INVESTORS

- Growth.
- Economic sustainability and profitability.
- Use resources and raw materials from the Group.
- Create and maintain employment in Aragón by employing endogenous (local) resources.

Action lines

- Investments to expand production capacity and product lines.
- Effective and efficient management that delivers the returns agreed and expected by the SAMCA Group.
- Collaboration and synergy for the development of new products, leveraging our facilities and mutual know-how.



CLIENTS

- Wide product range and continuous development according to market trends and customer needs.
- After-sales service and handling of complaints.
- Good value for money.
- Pre-sales service: technical support, BIM libraries, technical information and layouts, and cost estimates with descriptive reports for pools, façades and other projects.
- Promotion of products at distributor exhibitions.

Action lines

- Continuous generation of products/services adapted to customer requirements.
- Product quality certifications and quality management systems (ISO 9001).
- Competitive prices thanks to the SAMCA Group's complete value chain.
- Resources in the Contract Area to provide pre-sales service.
- Improvement of exhibitors' image and graphic materials.



ADMINISTRATIONS

- Collaboration with academic institutions (secondary schools, vocational training centres, universities, etc.)
- Tax contributions at local, regional and national levels
- Compliance with and, where possible, exceeding legal requirements
- Participation in institutional events and collaboration with public institutions and associations

Action lines

- Signing of collaboration agreements, information exchange and offering internship placements.
- Increased contribution through taxes in parallel with the business growth of the SAMCA Group.
- Certification of the Criminal Compliance Management System (UNE 19601) as a subsidiary of the SAMCA Group.
- Renewal of agreements with the Chamber of Commerce, CEPYME, and participation in business associations such as ASCER, ASOFAP, HISPALYT, etc.



EMPLOYEES

- Continuous training and specific training on new equipment
- Job stability
- Transparency regarding company performance (sales, investments, etc.)
- Occupational health and safety
- Two-way communication

Action lines

- Annual training plan.
- Ongoing job creation, historically and in the future, in line with the Strategic Plan.
- Regular meetings of the Works Council to share information and proposals for improvement.
- Continuous improvement of Health and Safety management, with regular meetings of the Safety Committee involving workers' representatives.
- Two-way internal communication channel via mobile application and interactive screens in common areas.



ENVIRONMENT

- Commitment to the Sustainable Development Goals (SDGs)
- Reduction of environmental impact through technically and economically viable solutions
- Responsible use of resources, particularly energy
- Sustainable products with life cycle impact assessments

Action lines

- Environmental management systems ISO 14001, promotion of the 6Rs, circular economy, Zero Waste, etc.
- Promotion of the calculation of the carbon footprint of products and the organization in order to establish actions for its reduction.
- Energy use control through an ISO 50001 certified Energy Efficiency Management System.
- Environmental Product Declarations (EPDs).



SUPPLIERS

- Stable relationships
- Long-term, sustainable contractual relationships
- Competitive economic conditions

Action lines

- Information, planning and forecasting of orders.
- Payment of invoices in compliance with the deadlines established in the offer-order.
- Respect for suppliers in accordance with the Social Responsibility Policy.

ENVIRONMENTAL POLICY



Maintain our Environmental Management System certified to **UNE-EN ISO 14001** and **UNE-EN ISO 50001** standards, ensuring compliance with all applicable environmental laws and regulations, as well as with the limits and conditions established in Integrated Environmental Authorisations and any voluntarily assumed commitments.

Drive continuous improvement by promoting energy efficiency and the sustainable use of resources, preventing pollution, mitigating climate change, and maximising the reuse of ceramic waste by incorporating it into the production process.

Reduce environmental impact and improve environmental performance throughout the product life cycle. We promote the adoption of strategies and actions aligned with a **circular economy** model.

Promote the calculation of the carbon footprint of both products and the organisation in order to define and implement **decarbonisation** actions.

Promote environmental management **training** within the organisation and ensure the competence of personnel directly involved in the management system.



ENVIRONMENTAL PRODUCT DECLARATION



Type III ecolabel providing quantified and verified information on the environmental performance of our products:

Pressed porcelain stoneware, 2022.

Bla classification according to UNE-EN 14411 – water absorption < 0.5%.



Ventilated façade system, 2022

Ala classification according to UNE-EN 14411 – water absorption < 0.5%.



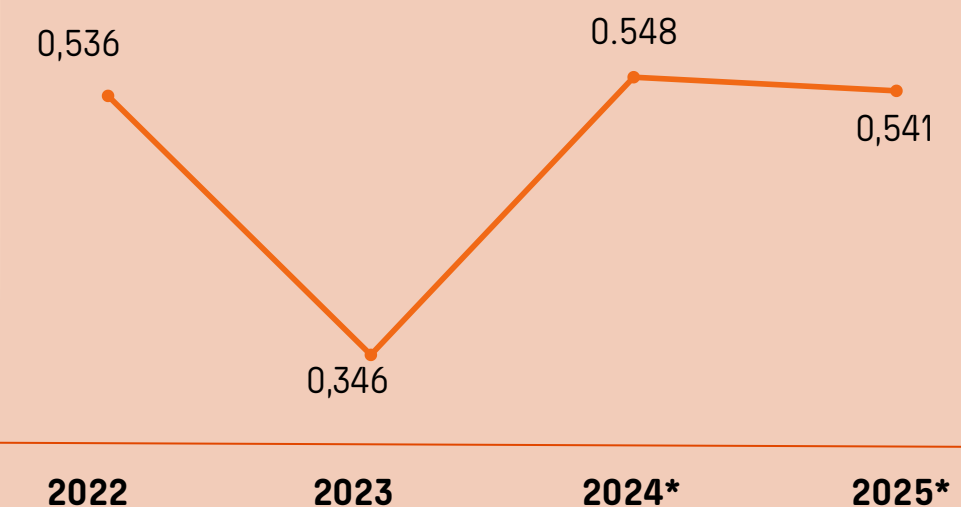
CARBON FOOTPRINT



Calculation of the organisation's carbon footprint across all three scopes, in accordance with UNE-EN ISO 14064, as well as the product carbon footprint for ventilated façades and pressed bases.

Our objective is to quantify emissions to support the development and implementation of emission reduction plans.

t CO₂e per tonne of processed raw material



*In the 2024 and 2025 calculations, emissions attributable to investments and to the use/end-of-life stage of the product have been included; these were not included in previous years.

GRES ARAGÓN - FAVEKER 6R



REDUCTION OF PATHOGENS



Thanks to Bioklinker treatment, our products develop antimicrobial properties that inhibit the growth of bacteria and fungi and are also effective in reducing odours..

RECYCLED



Sustainable materials with up to 31% recycled content

RESISTANCE AND DURABILITY



No change in performance – a material that endures over time, not affected by weathering.

RESPECT FOR THE ENVIRONMENT



The recyclable nature of our products, their recycled content and zero wastewater discharge... make our products environmentally friendly.

RECYCLABLE



100% recyclable at the end of their useful life; they can be recovered and valorized as raw material for manufacturing new ceramics, as filling materials, or as aggregates.

ZERO WASTE



Only 0.08% of the waste generated in the production process is disposed of in landfill. 99.92% is recovered either within our own processes or managed by authorised waste operators

Thanks to the Bioklinker treatment, ventilated façades are provided with anti-pathogenic properties, contributing to the sanitisation of spaces.

100% recyclable at the end of their service life

Porcelain pieces manufactured by extrusion, allowing support spans of up to 1,200 mm.

The recyclable nature of the products, their recycled content, and the reduction of emissions achieved through lower energy demand make our solutions environmentally responsible.

Standardised panel heights and lengths enable modular refurbishment projects, enhancing both the external appearance and the energy performance of buildings.

The increased insulation provided by the system allows for significant savings in the building's primary energy demand.



REDUCTION OF PATHOGENS



RECYCLABLE AND RECYCLED



RESISTANCE



RESPECT FOR THE ENVIRONMENT



REFURBISHMENT



REDUCTION OF EMISSIONS

CIRCULAR ECONOMY



SPANISH PACT FOR THE CIRCULAR ECONOMY

Commitment to the pact promoted by the Ministry for the Ecological Transition and the Demographic Challenge, including the selection of key circular economy KPIs to measure progress.



	2022	2023	2024	2025
Total water reused in the production process	100%	100%	100%	100%
Environmental Product Declaration (EPD))	3	3	2	2
Environmental Management System	Yes	Yes	Yes	Yes
Recycled content of products	38,2%	32,3%	34,1%	34,6%
Quantity of waste recycled / recovered	99,91%	99,94%	99,99%	99,98%
Ceramic waste recycled as raw material	91,34	92,3%	92,7%	90,8%
Ceramic waste recycled by third parties	8,7%	7,8%	7,3%	9,2%
Carbon footprint, Scope 1 + 2 (t CO ₂ / t of product)	0,2345	0,2352	0,2343	0,2216



Less than 0.02% of waste is sent for final disposal.



A 5.6% reduction over the last four years.

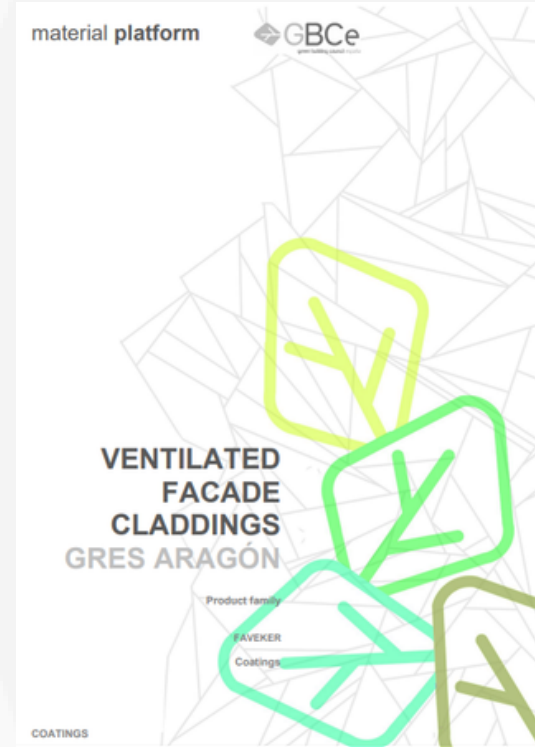
CIRCULAR ECONOMY

plataforma materiales



GREEN BUILDING COUNCIL

Membership of GBC España, the association that promotes a culture of sustainable, energy-efficient construction that is respectful of the environment. FAVEKER® ventilated façades contribute to the achievement of LEED®, BREEAM and VERDE credits, as detailed in the product datasheet available on the GBCe Materials Platform.



NEW FAVEKER FAÇADE PRODUCT DATASHEET AVAILABLE ON THE GBCe MATERIALS PLATFORM

	Backup documents	Certificates :	EPD, Laboratory tests	Self-declarations	Potential			
Plot Mobility	Index material reflection SRI	Rainwater management	External light control	...				
Energy Atmosphere	Embedded energy	Effect of greenhouse gases	Reduction in energy demand	Efficiency equipment	Other pollutant gases	Renewable energy	Gestión energética	...
Materials	Proven source	Pre-consumer recycled materials	Post-consumer recycled materials	Potential re-use	Certified wood	Building waste	Chemical Composition	...
Water	Consumption < reference	Water management	...					
Indoor environment	Low VOC emissions	Low formaldehyde emissions	Comfort control	Lighting comfort	Acoustic comfort	Air quality	...	
Innovation	Innovative Design	...						



Verde credits:

- Site and location
- Energy and atmosphere
- Natural resources
- Building quality



Breeam credits:

- Management
- Materials
- Waste
- Energy
- Health and wellbeing
- Innovation



Leed credits:

- Sustainable sites
- Energy and atmosphere
- Materials and resources

CIRCULAR ECONOMY



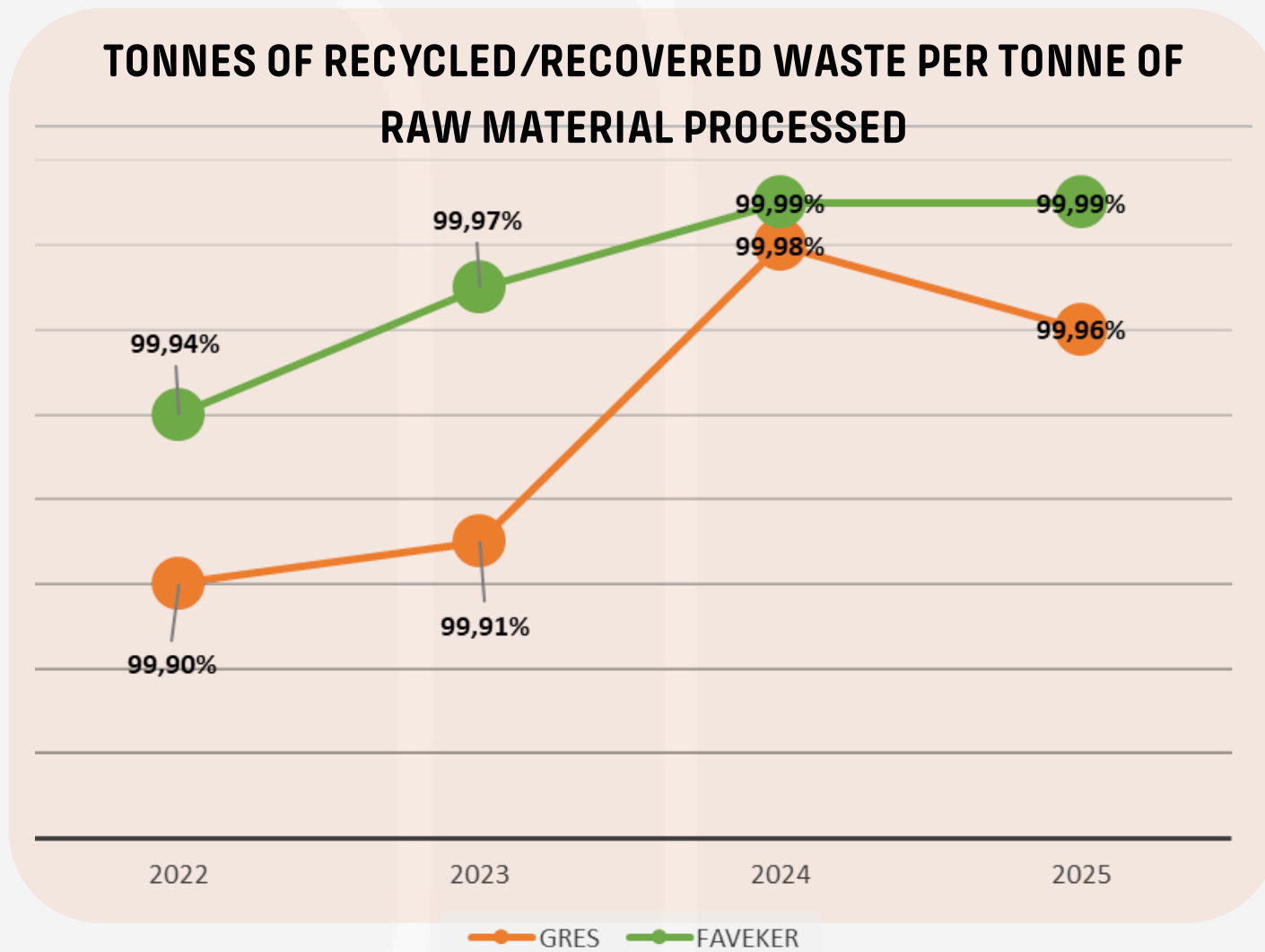
ZERO WASTE



Certified since 2021 under the Zero Waste environmental label. In 2025, 99.98% of waste was recycled or recovered—either internally, delivered to authorised waste managers, or supplied to other manufacturers for use as a by-product.

ZERO DISCHARGE

All cleaning water from the glazing process is recycled as mixing water for extrusion without prior filtration and evaporates during firing, thereby generating zero sludge and resulting in zero discharge



91% of ceramic waste is recycled internally and reintroduced into the same production process.

The remaining 9% is recycled externally for the production of aggregates and refractory materials; this waste is inert.



CIRCULAR ECONOMY

At Gres Aragón we are committed to implementing measures that promote the circular economy in the management of raw materials and waste.

Highlights include:

- Internal reuse of grinding dust from ceramic parts as a raw material for the production of our products.
- Internal recovery/valorization of tile waste both before and after firing by reintroducing it as raw material.
- External recovery/valorization of ceramic waste by supplying it to refractory manufacturers and to aggregate producers, who use it as raw material.



150 tonnes of ground tile powder valorized internally



1.388 tonnes of ceramics valorized with a refractory manufacturer



Wastes

Internal recycling of 92.66% of the waste generated.



Raw materials

Reduction in raw material purchasing requirements.



CO2 Emissions

Reduction of transport emissions from waste manager and raw material supplier



Internal management

Improvement of internal waste management processes through conveyor-belt transport.





On 1 January 2025, Extended Producer Responsibility (EPR) for commercial and industrial packaging came into force, regulated by Royal Decree RD 1055/2022.

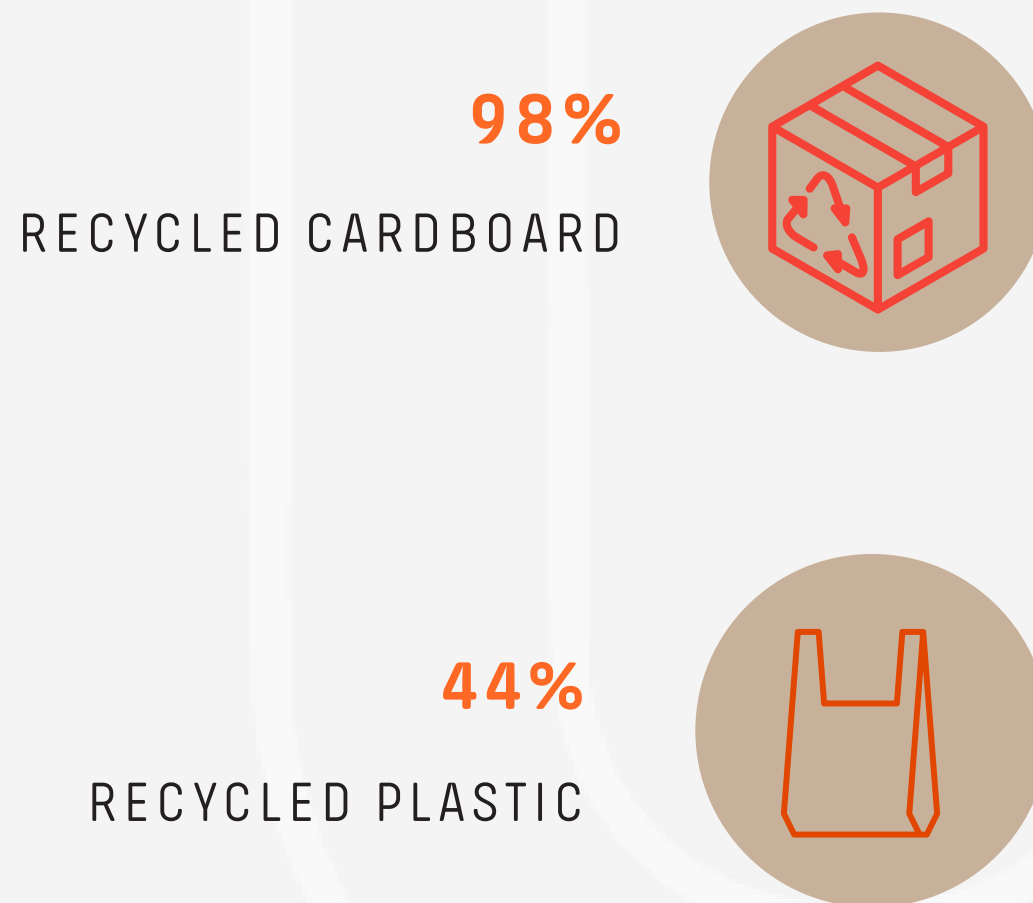
GRES ARAGÓN complies with this regulation by being registered with the Spanish Ministry for the Ecological Transition and the Demographic Challenge (MITECO), by joining the SCRAP known as **GENCI**, and by reflecting the corresponding financial contribution on its invoices, as stipulated by the Royal Decree.

GRES ARAGÓN has decided not to pass this cost on to its customers, assuming it in full.

Final holders of the packaging may manage their packaging waste through any authorized waste manager, including those within the GENCI network, which offers free collection.

RECYCLED CONTENT – PACKAGING

At Gres Aragón, packaging is selected in a way that promotes the circular economy by increasing recycled content without compromising product preservation and safety.



ACTIONS THAT REDUCE OUR ENVIRONMENTAL IMPACT



Metawave Research

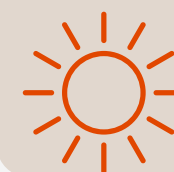


GRES ARAGÓN participates in a project led by ITA and composed of 19 partners from 9 countries to improve the efficiency of high-temperature industrial heating processes using microwaves.

The project focuses on reducing energy consumption and lowering greenhouse gas emissions while achieving superior performance. This initiative has received European funding under the Horizon call CL4-2023-TWIN-TRANSITION-01.

More info at
<https://www.aspire2050.eu/metawave>

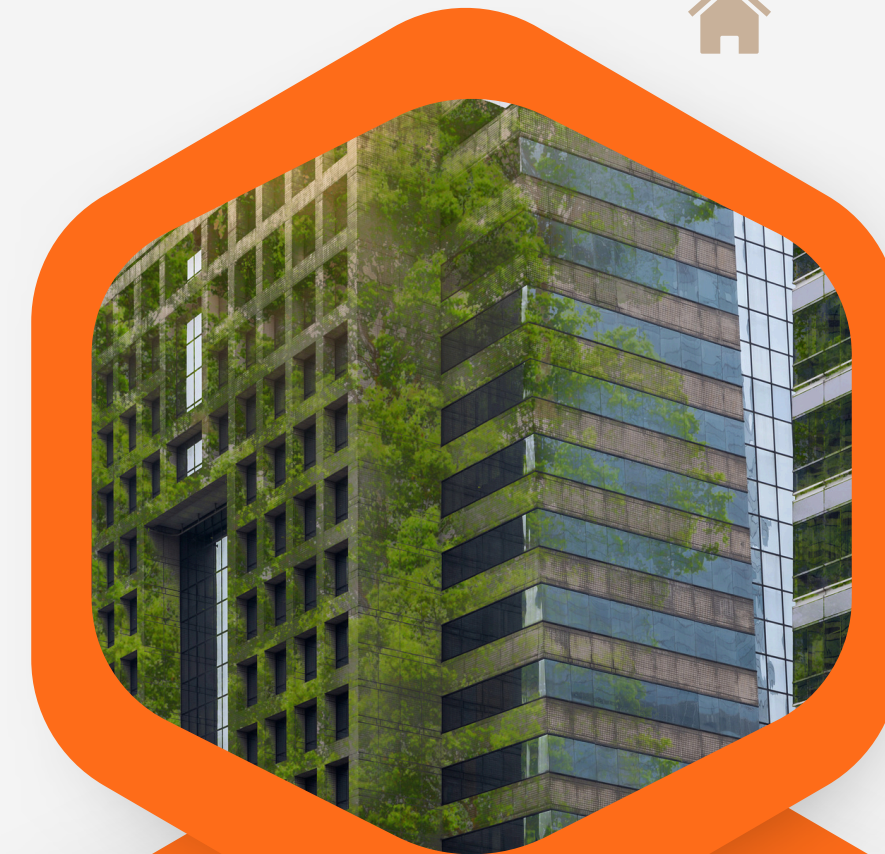
Boniface Research



GRES ARAGÓN, together with the University of Zaragoza, has secured funding for research into architectural integration solutions for photovoltaic cells in porcelain gres substrates to address environmental challenges.

These grants aim to respond to society's scientific and technological challenges by promoting public-private scientific research and its transfer within the framework of the State Plan for Scientific, Technical and Innovation Research 2021–2023.

More info at
<https://euroarce.com/en/research-development-and-innovation/boniface/>



ENERGY POLICY



Maintain and certify the Management System in accordance with the **UNE-EN-ISO 50001 standard**, ensuring compliance with energy legislation and other applicable requirements related to the company's energy use, consumption, and efficiency.

We work on **continuous improvement** by increasing the energy efficiency of processes, focusing efforts on reducing gas and electricity consumption, investing in on-site **electricity self-consumption**, and encouraging and promoting the adoption of **decarbonization technologies**.

We promote the **calculation of the carbon footprint** of both products and the organization in order to define actions for its reduction, controlling energy use by identifying, characterizing, and minimizing energy impacts.

Promote **training** in energy management within the organization and ensure the competence of personnel directly involved in the management system.





PHOTOVOLTAIC PLANT

In March 2023 the photovoltaic systems for on-site electricity self-consumption at the Favaker plant and Gres Aragón Plant 2 were commissioned.



1,2 MWp of installed capacity

13 % self-consumption in 2025

370 t CO2 avoided in 2025

1.434 MWh self-consumed in 2025



ACQUISITION OF ELECTRIC VEHICLE



In November 2025 an electric van was acquired to replace a company diesel car; this action saves:

- 3 t CO2 /year
- 1,500 liters of diesel/year



ACTIONS FOR THE IMPROVEMENT OF ENERGY EFFICIENCY - YEAR 2025



Acquisition of an electric vehicle for office use to replace a diesel car.

Replacement of the gas boiler in the changing rooms with a more efficient heat pump.

Replacement of low-efficiency motors with higher-efficiency motors in the milling process.

Replacement of the administration offices' heat pump with a more efficient unit.

PLANT 1 ALCAÑIZ

Replacement of kiln 7 nozzles with higher-performance models capable of withstanding higher combustion air temperatures, reducing gas consumption.

Increase in productivity for the 15x15 format by manufacturing at double stacking height, from 50 to 70 m² per kiln car.

Replacement of low-efficiency motors with higher-efficiency motors in the draft and combustion air systems of kiln 7.

Replacement of mercury vapor lighting with LED luminaires in the outdoor warehouse.

PLANT 2 ALCAÑIZ

Replacement of a 75 kW modulating compressor and a 75 kW on/off compressor with a 90 kW modulating compressor.

Improvement of kiln 10 efficiency by using residual heat from exhaust gases to increase the combustion air temperature of the burners.

Reduction of bag filter energy consumption on the glazing line through automatic shutdown when no tiles pass through for 10 minutes.

PLANT FAVEKER

€ 108.807€ INVESTMENT

TOTAL ELECTRICITY SAVINGS

593 MWhe/year

TOTAL THERMAL SAVINGS

2.332 MWpcs/year

TOTAL CO2 EMISSIONS SAVINGS

657 t CO2/year

PRODUCT ENERGY EFFICIENCY



VENTILATED FAÇADES

- 50%

REDUCTION IN ENERGY DEMAND

The FAVEKER Ventilated Façade guarantees improved thermal insulation of the building where it is installed, as it allows the installation of continuous insulation between the external support, the load-bearing wall, and the exterior façade cladding.

Condensation is eliminated because the external load-bearing walls and insulation remain permanently dry, thus fully preserving their function.

The driving rain that may have leaked through open joints will dry quickly due to air circulation in the ventilation cavity.

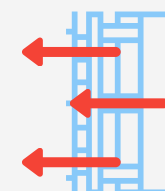
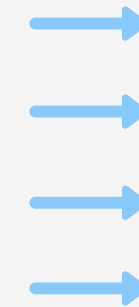
Winter



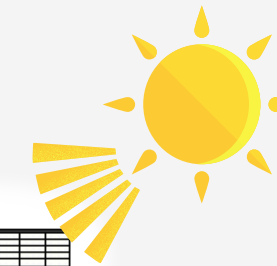
When solar radiation is not sufficient to move the air, the façade acts as a heat accumulator, helping the air cavity to maintain the thermal stability of the system.

Thermal insulation provides maximum thermal accumulation of the interior components, preventing heat loss inside the building.

Ventilated façades allow the correction of thermal bridges, generating energy savings by eliminating direct contact between brackets and walls.



Summer



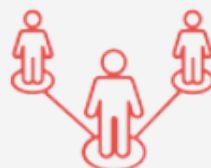
Solar radiation strikes directly on the cladding rather than on the building itself, heating the air in the cavity. As the air temperature rises, its density decreases and it moves upward by convection, being replaced by cooler air. This phenomenon, known as the "chimney effect", prevents heat accumulation on the façade.



Thermal insulation provides additional protection against atmospheric agents.



SAMCA FOUNDATION



A large part of our social contribution is channelled through the SAMCA Foundation.

UNIVERSITY RESEARCH INTERNATIONAL

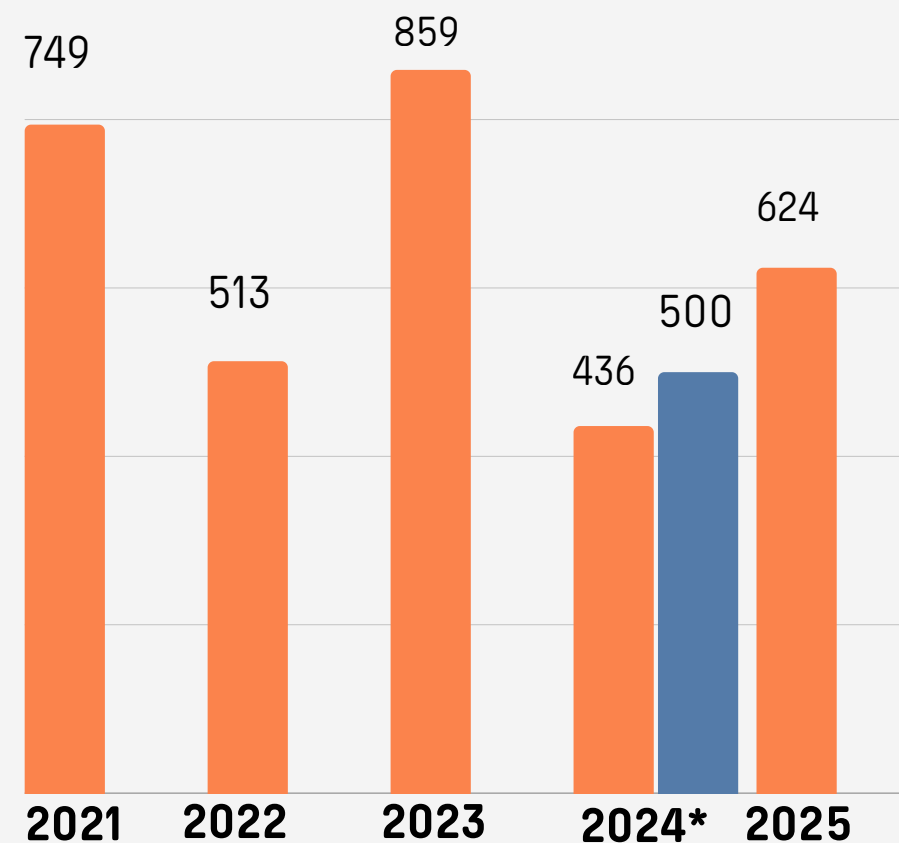
Together with the University of Zaragoza:

COOPERATION

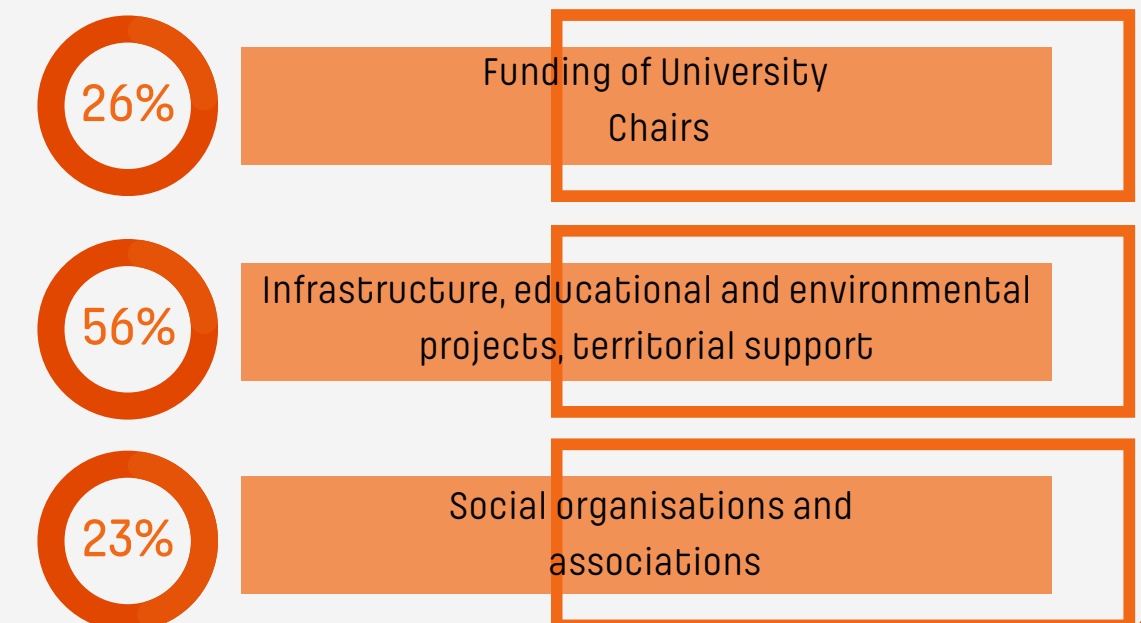
Creation of the Chair in Nanotechnology and the Chair in Technological Development of Aragón.

SOCIAL SOLIDARITY

ANNUAL CONTRIBUTION (K€)



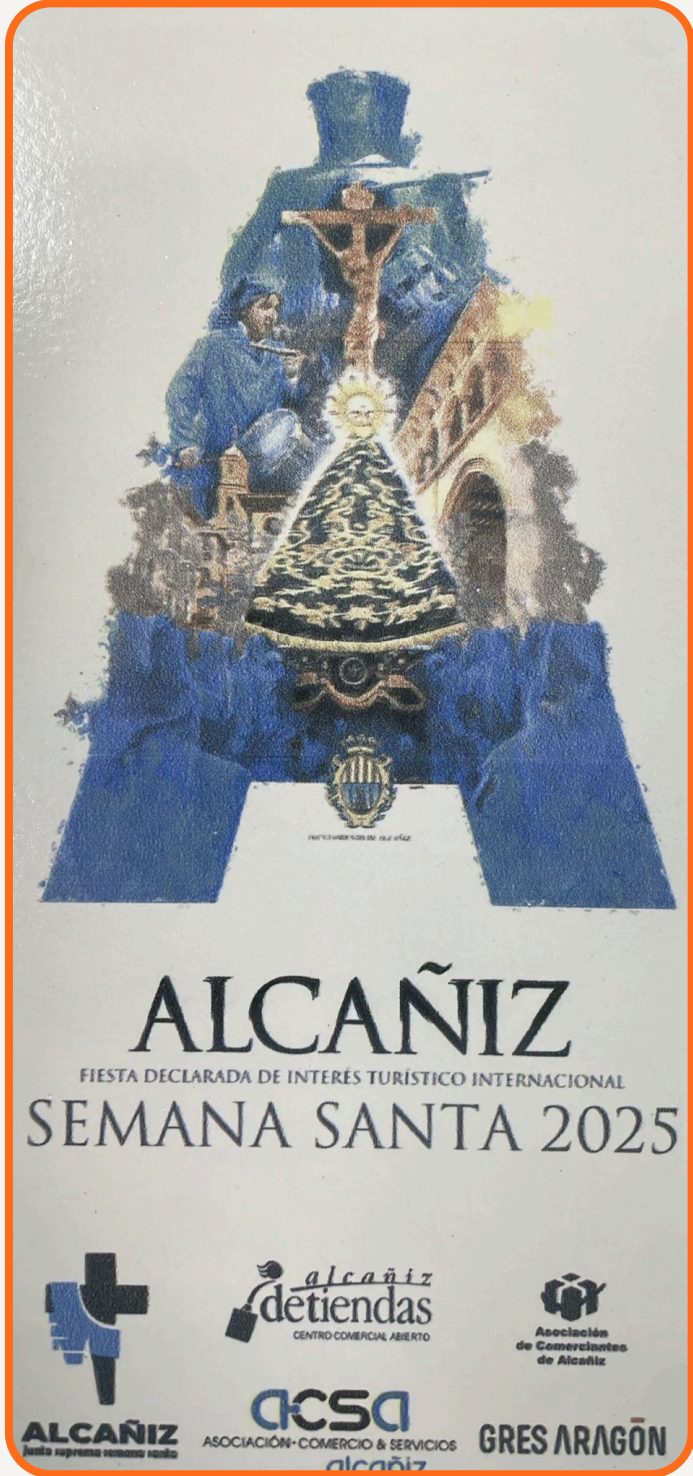
DISTRIBUTION OF SOCIAL CONTRIBUTION



*Additional contribution of €500k in November 2024 for DANA. SAMCA made a financial contribution of €250k and an in-kind contribution valued at €250k.



SOCIAL ACTIONS



Donation of ceramic material with a specific design for Holy Week in Alcañiz 2025



3rd Christmas Padel Tournament for Gres Aragón employees, December 2025



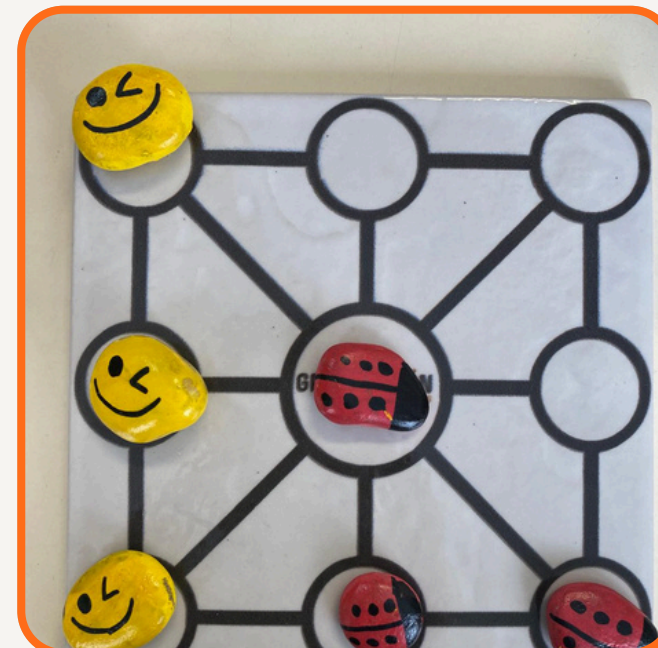
Donation of ceramic material for prizes at the Trail Zoquetes race, Alcorisa, November 2025



Participation in the Castellón Companies Race, May 2025



Excolegiata Parish of Santa María la Mayor, Alcañiz – Donation of €6,000 from the SAMCA Foundation for the replacement of the electrical switchboard



Collaboration with CEIP Concepción Gimeno Gil of Alcañiz



Sponsorship of the Annual Quick Painting Contest of Alcorisa, January 2025



Sponsor of Alcañiz Volleyball Club, 2025–2026 season

ECHOES E IMPACTS



**SABADELL AWARD –
COMPANY OF THE YEAR 2025**

The SAMCA Group was awarded the prestigious Company of the Year 2025 prize at the second edition of the #PremiosEmpresaAñoBSabadell in Aragón.

This recognition, promoted by Banco Sabadell and El Periódico de Aragón, highlights the Group's commitment to innovation, sustainable growth, job creation, and its strong impact on the Aragonese region.



**FERNANDO GARCÍA MERCADAL
ARCHITECTURE AWARD – MAIN SPONSOR**

GRES ARAGÓN was the main sponsor of the 39th edition of the "Fernando García Mercadal" Architecture Award, organized by the Official College of Architects of Aragón (COAA) in May 2025.

The Fernando García Mercadal Award is one of the leading references in architecture in Aragón, recognizing not only architectural quality but also projects that best respond to contemporary challenges, both within and beyond the region.



**CERCO INTERNATIONAL
CONTEMPORARY CERAMICS AWARD –
SPONSORSHIP**

GRES ARAGÓN was a sponsor of the 19th edition of the International Contemporary Ceramics Award CERCO, held at the Aragón Craft Center on September 27 and 28, 2025.

The new national award bearing our name, CERCO – Gres Aragón – Faveker, reinforces our commitment to contemporary ceramics made in Spain, supporting local and national artists while also recognizing the international dimension of the competition.

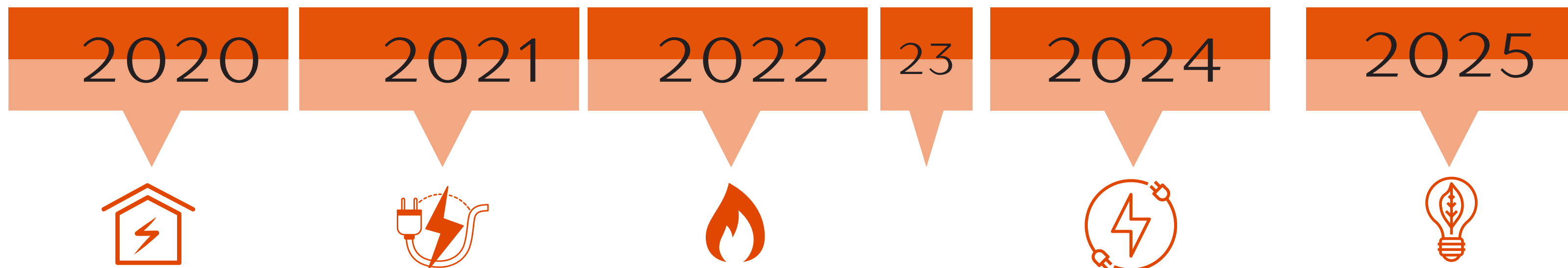


**DONATION OF MATERIALS FOR
DANA RELIEF**

In June 2025, GRES ARAGÓN made a donation of ceramic materials to the Felisa Foundation, with the aim of contributing to the reconstruction of bathrooms and kitchens in homes affected by the 2024 DANA floods.

The contribution, valued at €22,513, includes a selection of high-quality tiles to improve the living conditions of numerous affected families. In addition, Gres Aragón covered the transportation costs to the city of Valencia.

GRANTS. ENERGY EFFICIENCY AND EMPLOYMENT



**GOVERNMENT OF ARAGÓN - IAF
R&D**

€242,716 for industrial research into new efficient construction solutions at FAVEKER

INAEM

Training €14,525 for a training course for ceramic plant workers and job creation at FAVEKER

**MINISTRY OF INDUSTRY,
TRADE AND TOURISM**

Electro-intensive €24,090 support for electro-intensive consumers at GRES DE ARAGÓN

**MINISTRY OF INDUSTRY,
TRADE AND TOURISM**

Electro-intensive and Gas-intensive €290,723.07 aid at GRES DE ARAGÓN

**MINISTRY OF INDUSTRY, TRADE
AND TOURISM**

Electro-intensive €14,295 aid at GRES DE ARAGÓN ALCAÑIZ

IDAE

Incentives for electric self-consumption at GRES ARAGÓN ALCAÑIZ AND ALCORISA €155,939

**MINISTRY OF INDUSTRY, TRADE
AND TOURISM**

Electro-intensive €8,400 aid at GRES DE ARAGÓN ALCAÑIZ-ALCORISA

**UE-HADEA .B. Digital, Industry
anda Space**

Proyecto Metawave
76.934 €

**GOVERNMENT OF ARAGÓN —
DIRECTORATE GENERAL OF LOCAL
ADMINISTRATION**

Aid to entities affected by DANA
€27,459.36

QUALITY POLICY



Maintain certification of our Management System to the **UNE-EN-ISO 9001** standard, meeting the requirements of our customers, the end users of the product, and the legal and regulatory requirements applicable to the products.

We promote the setting of **continuous improvement** objectives for processes and products to increase the quality and productivity of the products manufactured.

We participate in initiatives and drive actions that help fulfil the commitments established in the **Sustainable Development Goals (SDGs)**.

Throughout the organization we foster awareness, motivation, training and **skills development** in order to engage all personnel in continuous improvement.

We promote **training** in quality management within the organization and ensure the competence of those persons directly involved in the management system.



CERTIFICATIONS



Ceramic products are tested annually in accredited external laboratories in order to guarantee compliance with all mandatory requirements of the Spanish Building Technical Code (CTE), CE Marking (Europe), UKCA (United Kingdom), CCC (China), KUCAS (Kuwait), QM-SASO (Saudi Arabia), GOEIC (Egypt), and other certifications required in export markets.



EUROPE



SAUDI ARABIAN



UNITED KINGDOM



EGYPT



KUWAIT

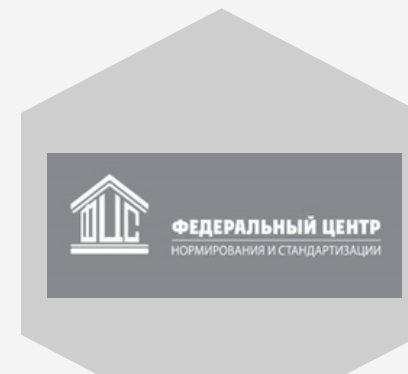


CHINA

Specific for Ventilated Façade:



European Technical Assessment



Russia



United Arab Emirates Civil Defence

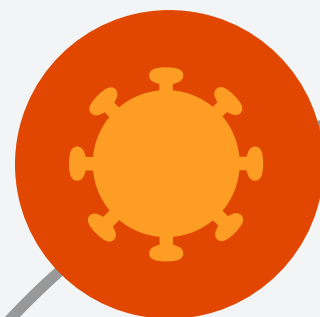
GRES ARAGÓN has its **own in-house laboratory** at its facilities for quality control of raw materials and finished products in accordance with ISO 10545 standards for ceramic tile testing. Among the tests carried out are water absorption, mechanical strength, glazed surface finish, and slip resistance. Product quality is monitored at all stages of the process, and all control equipment used in both production and laboratory environments is subject to regular verification and calibration.

ADVANTAGES OF OUR PRODUCTS



Hygienic, anti-allergenic and aseptic

Impermeable, harmless material that does not transmit odors or allergens. It does not emit Volatile Organic Compounds (VOCs)..



Natural, plastic-free and free from toxic substances

Mainly composed of inorganic mineral materials, water and fire, and free from composition and emissions of VOCs.



Slip resistant

Material that ensures good grip underfoot, preventing slipping whether barefoot or wearing footwear.



Resistant and durable

Resistant to high and low temperatures, water, humidity and contact with aggressive chemicals. Long-lasting over time.



Recycled material content in our products in 2025



17%
Porcelain tiles

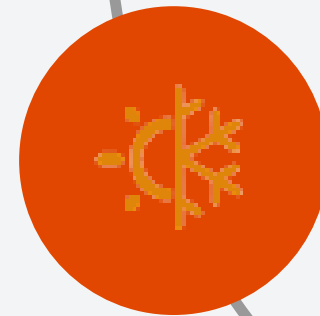
53%
Porcelain stairs

32%
Klinker pieces

53%
Ventilated façades

Resistant to thermal shock and frost

Material resistant to sudden temperature changes as well as frost.



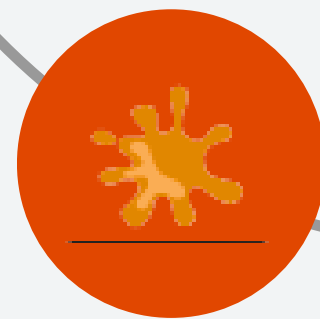
Fire-resistant

Naturally fire-resistant material that does not emit toxic smoke when exposed to fire.



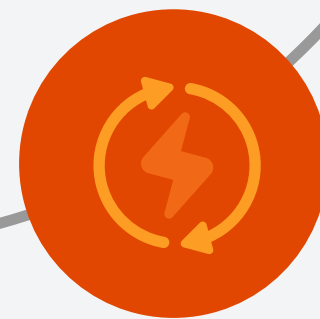
Easy Maintenance

Easy to maintain and clean, without the need for strong chemical products, contributing to improved indoor air quality.



Energy efficient

Provides thermal and acoustic insulation properties and has thermal conductivity and thermal inertia capacity.



NEW PRODUCT DEVELOPMENT



GRES ARAGÓN has an internal New Product Development process whose mission is to manage requests for the development and industrialization of new products:



Driven by the R&D department of the SAMCA Group and in collaboration with technology centers and external laboratories, our objective is to lead pure research projects as a preliminary step toward the possible industrial implementation of the results and/or products obtained.



Requests from our customers and product specifiers for customized products for a specific project.



Launch of new products for inclusion in the catalogue based on market needs detected at trade shows, customer visits, market studies, satisfaction surveys, etc.



New innovative designs developed by the R&D department to provide construction solutions with environmental and technical improvements.



Collaboration with the Wyss Institute at Harvard University to create technologies and products that combat climate change.



Together with the University of Zaragoza, we participate in the Boniface Project, researching architectural integration solutions for photovoltaic cells.

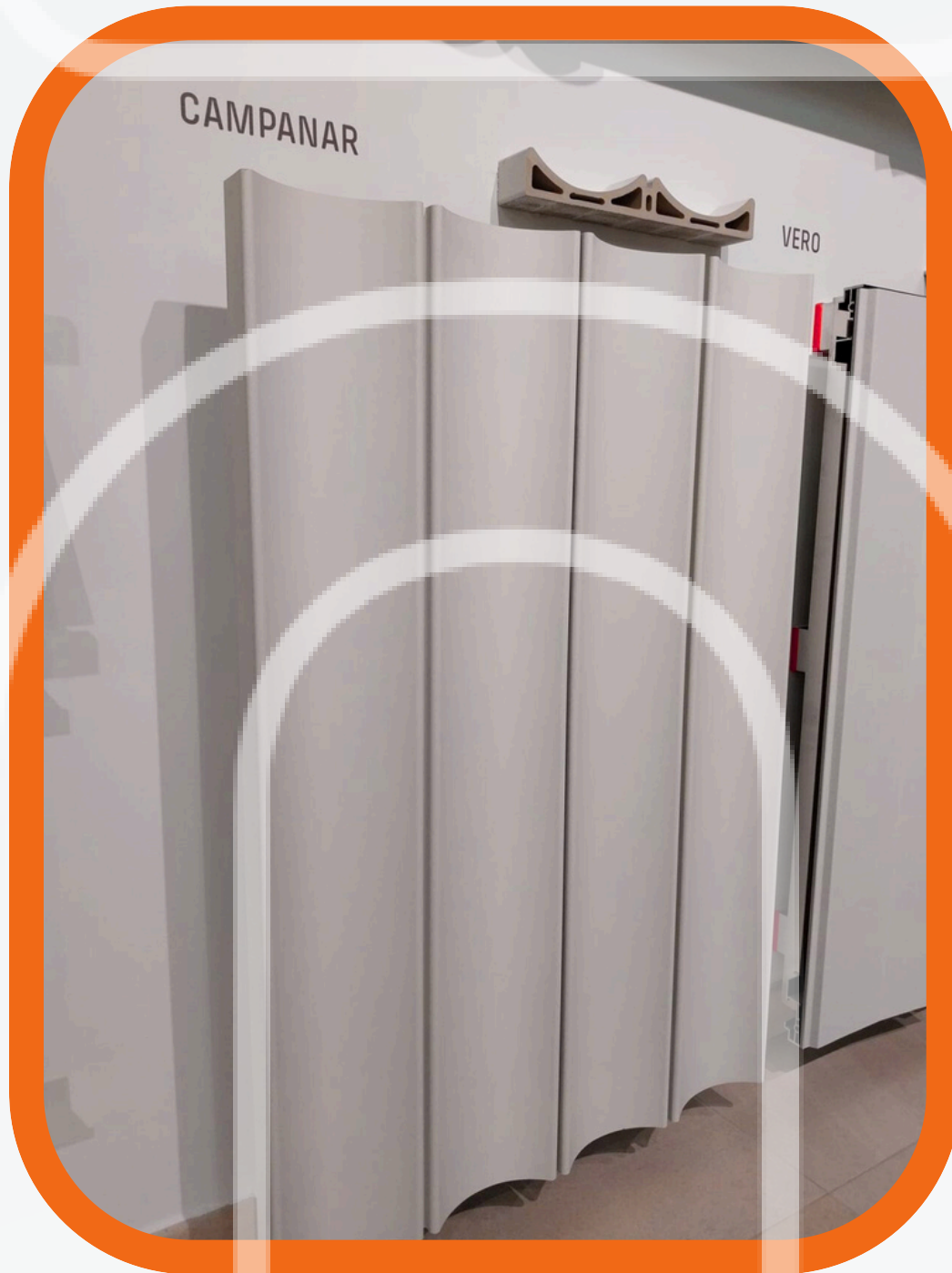


We participate in the Metawave Project, led by ITA, to improve the efficiency of industrial high-temperature heating processes using microwaves.

**67 PATENTS
AT SAMCA**



NEW PRODUCTS



After the tragic events of February 2024, the rehabilitation of the building in the **Campanar** neighborhood of Valencia is not merely a reconstruction project but has become a benchmark of engineering and passive fire safety across Spain.

At FAVEKER® we had the opportunity to participate in this rehabilitation project by supplying the building's new skin. The objective was clear from the start: to transform the envelope into an impregnable barrier through a ceramic ventilated façade system designed according to strict fire-protection criteria.

For the Campanar building, the components were custom-designed by FAVEKER® in collaboration with the ARQUEHA architectural studio, adjusting their proportion, relief and modulation to the new reading of the volume. This customization turns the ceramic skin into an active element of the architectural composition, capable of adding rhythm and depth. Therefore, in addition to safety and energy efficiency, this choice provides an attractive, modern aesthetic.





OUR CLIENTS

SATISFACTION



On a triennial basis, GRES ARAGÓN has established the need to evaluate Customer Satisfaction regarding product quality, grouped by product families, service and delivery times, commercial attention, problem resolution, pre-sales and after-sales service, technical information and promotional channels (catalogues, displays, trade fairs, website and social media).

The sample includes domestic and international customers and the survey is translated into several languages: English, French, Italian, Polish and Russian (representative of the main foreign markets).

TECHNICAL RECOMMENDATIONS AND ESTIMATES



GRES ARAGÓN has a technical office made up of engineers and senior building technicians to collaborate on façade, pool and bespoke projects at any stage.

Services range from initial advice on materials, solutions or types of thermal façade envelope to certification of correct installation execution.

AFTER-SALES SERVICE

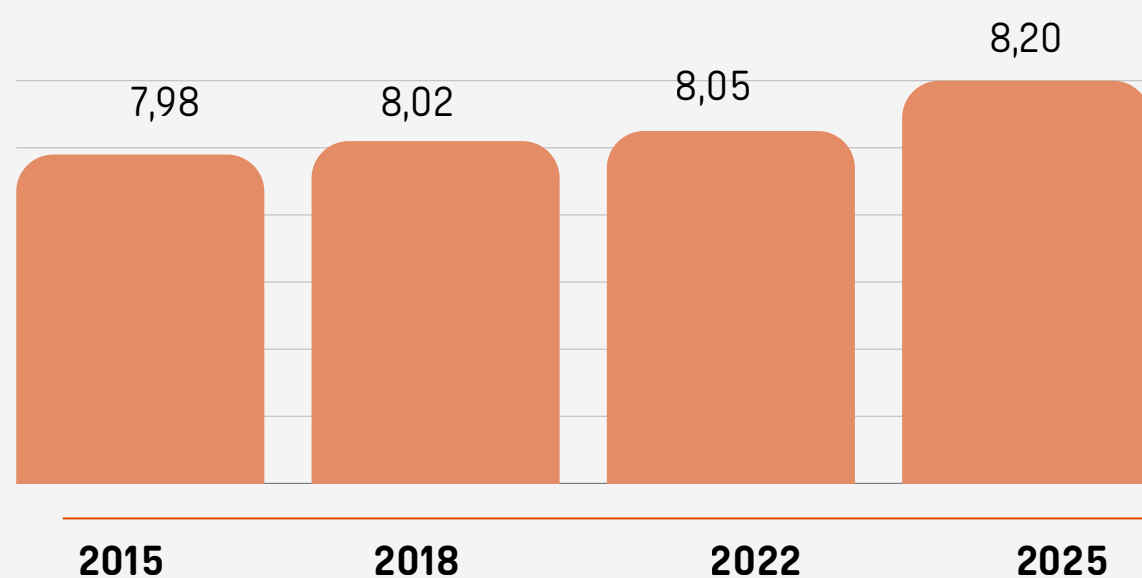


All inquiries, incidents or complaints related to product or service are handled through the Commercial network and the Quality Department.

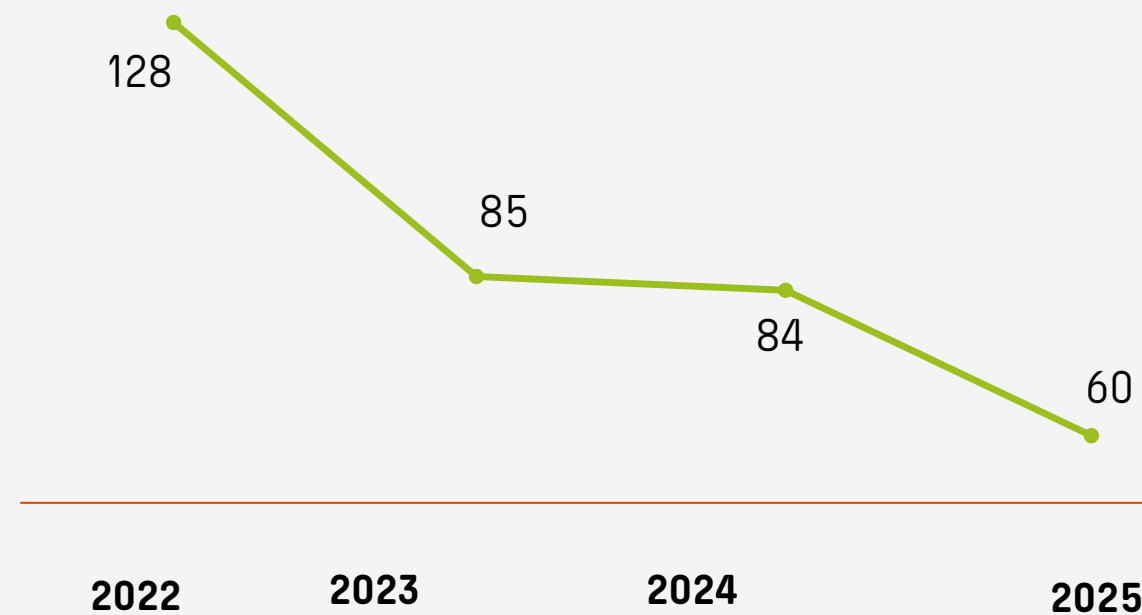
All complaints/claims are recorded and tracked until closure, including the initiation of an action plan if required.

97%
OF CUSTOMERS ARE
VERY SATISFIED OR
SATISFIED WITH OUR
COMPLAINT
HANDLING

OVERALL SATISFACTION (OUT OF 10)



COMPLAINTS HANDLED RELATED TO PRODUCT QUALITY



TRANSPARENCY OF INFORMATION

GRES ARAGÓN
SOLUTIONS FOR LIVING



FAVEKER®
ARCHITECTURAL CERAMICS



The GRES ARAGÓN catalogues and website provide:

Recommendations for product installation and for use and maintenance.

Product technical data sheets.

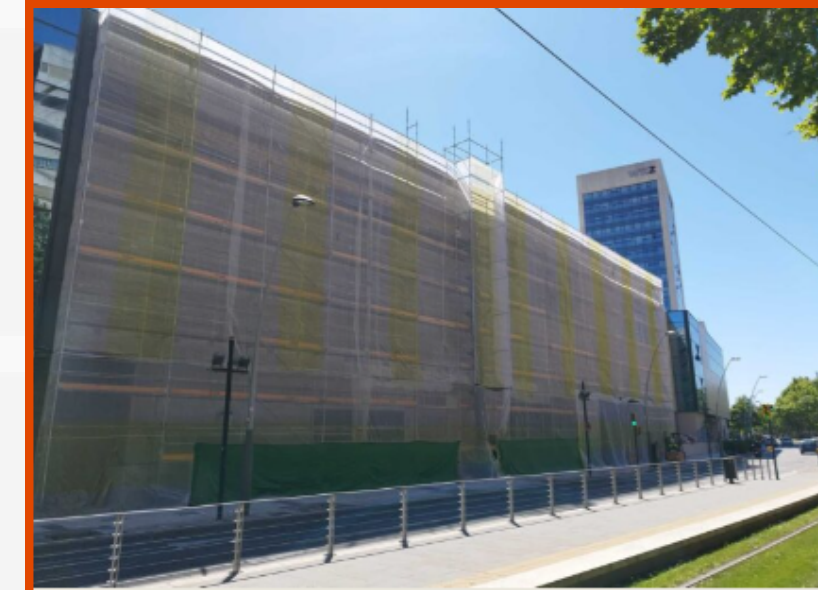
Recycled material content information

Sales terms and conditions.

Technical product information:

- Safety data sheet for the tile.
- Environmental Product Declaration (EPD): analyses the entire product life cycle, with transparent data.

On social media, in addition to announcements of new collections and settings, we publish videos and information on façade installation and special components, together with technical product information. We also share advice, design ideas and guidance on product selection according to specific requirements.



28 DE FEBRERO DE 2025

Rehabilitación energética de un edificio:
soluciones para ahorrar energía

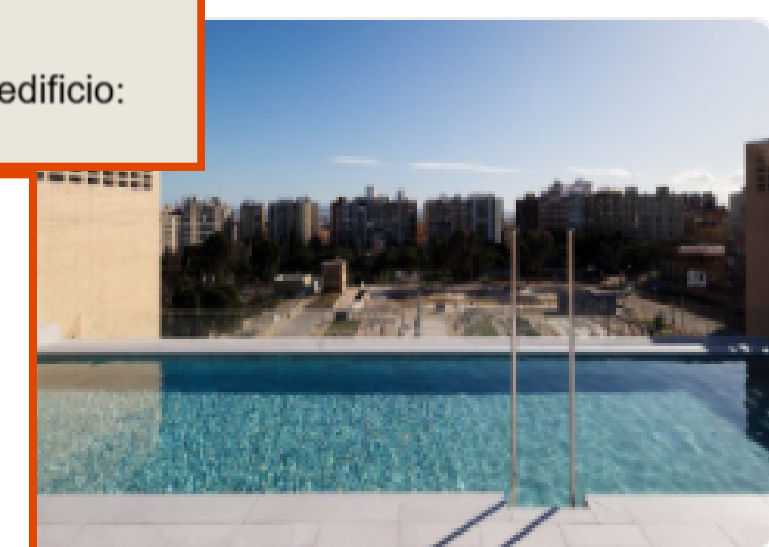


BALDOSAS
ATÉRMICAS: LO
ÚLTIMO EN SUELOS
QUE NO QUEMAN

¡DESCUBRE EL VISOR 3D
DE GRES ARAGÓN!



GRES ARAGÓN



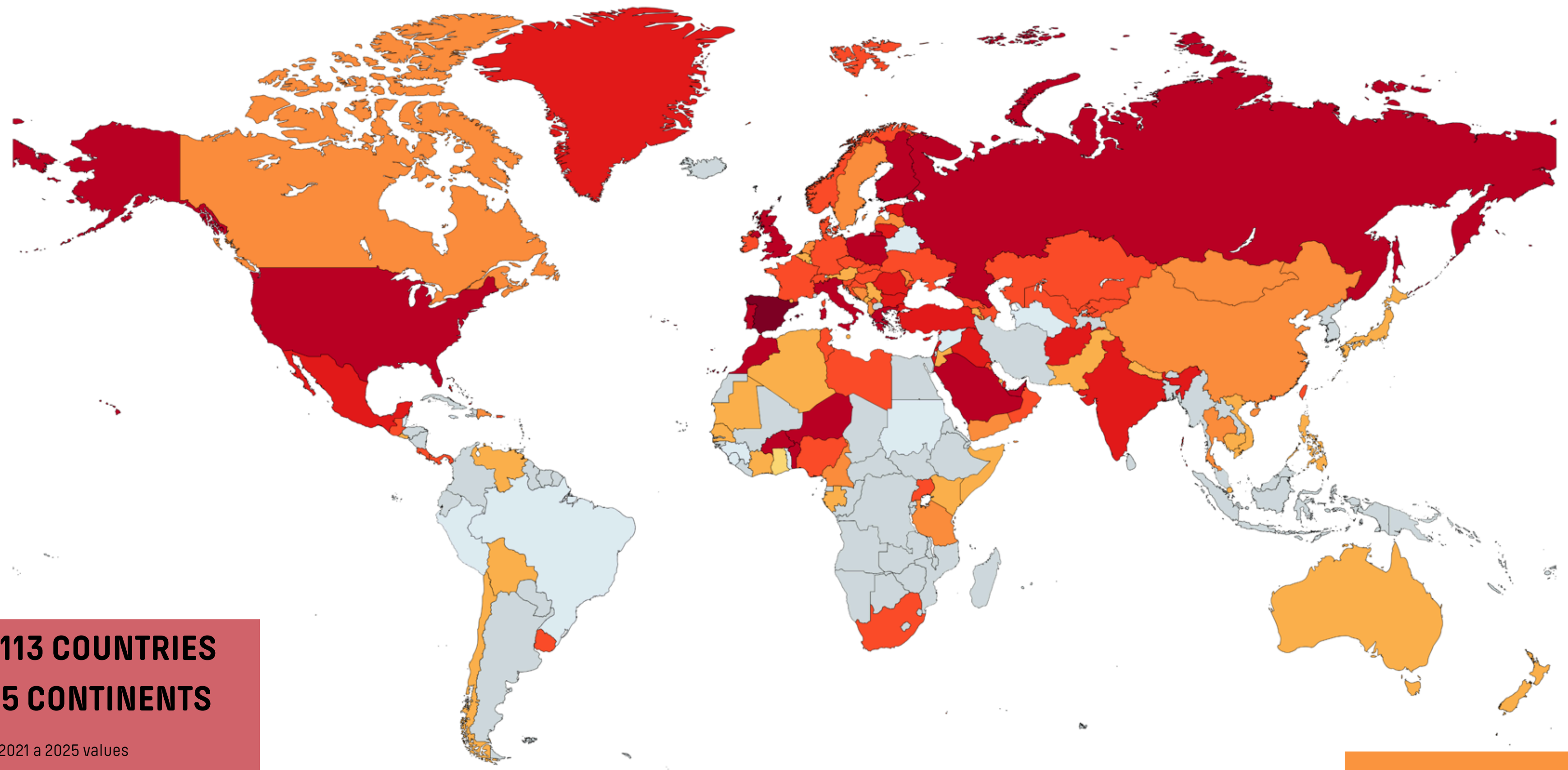
CÓMO LIMPIAR UNA
PISCINA Y
PREPARARLA PARA EL
VERANO

¡Hoy comienza el primer día de

Estamos participando en uno de los eventos más prestigiosos del sector, ... más



SALES: MARKETS



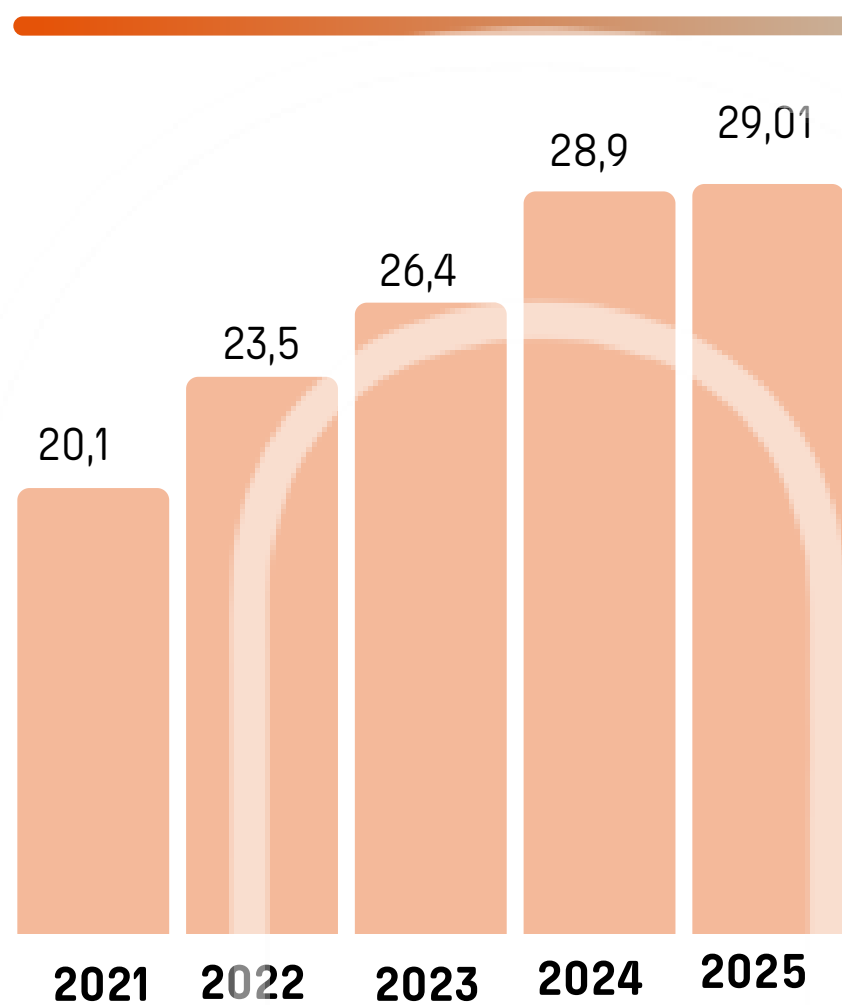
113 COUNTRIES
5 CONTINENTS
*2021 a 2025 values



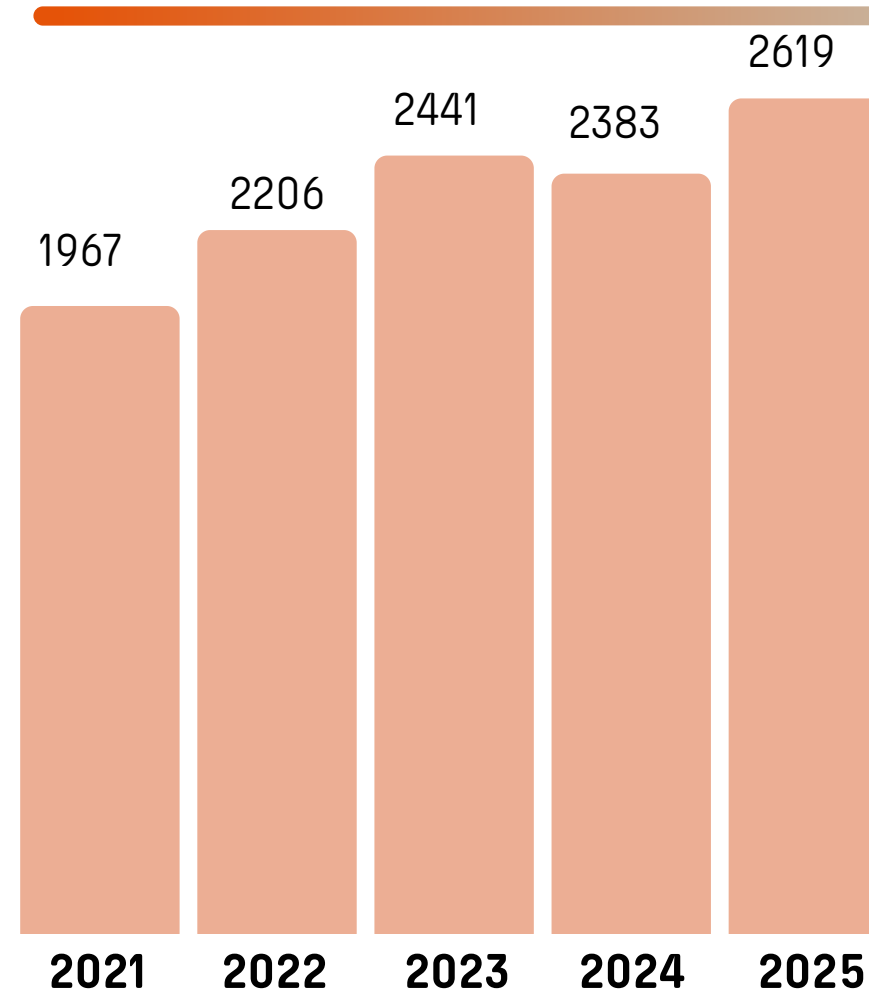
SALES: KPI'S



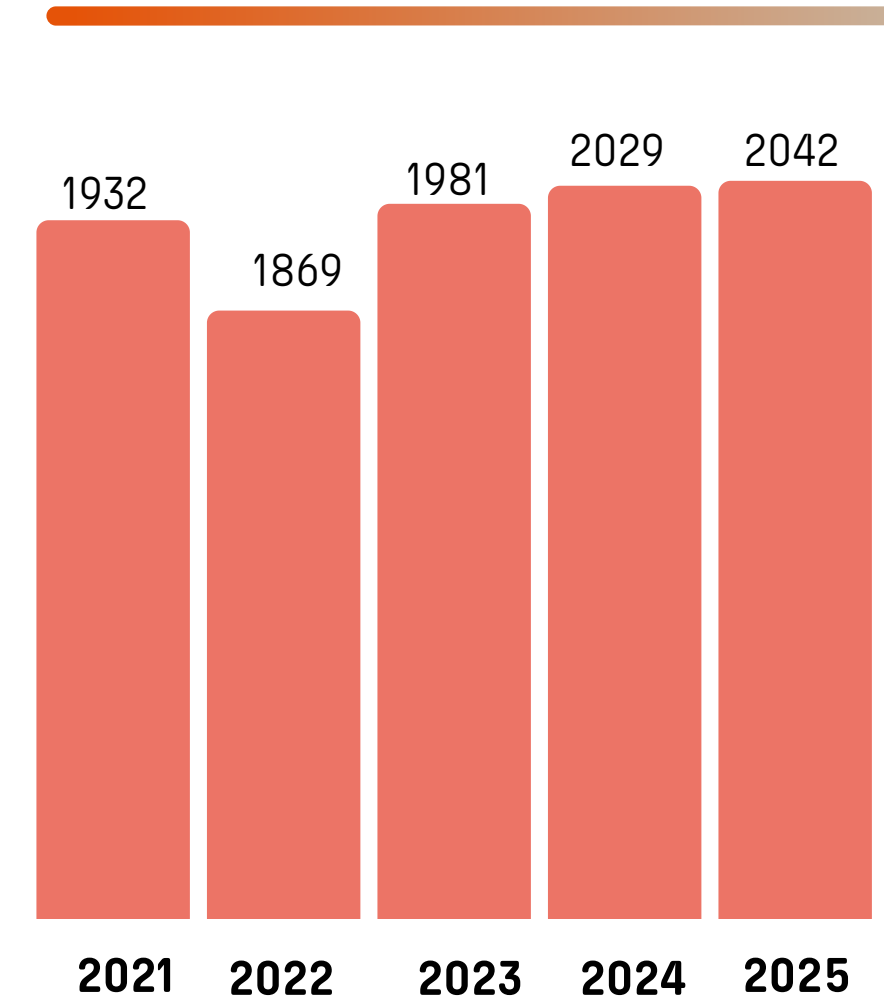
Sales (M€)



Reference product

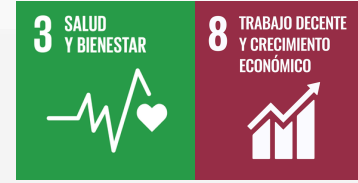


Customers



100% of profits are reinvested.

HEALTH AND SAFETY POLICY



We operate an integrated management system that brings together the Company's existing systems, standardising procedures for communication, training, record-keeping and document control, as well as action planning and the management of non-conformities.

We ensure that all activities comply with applicable legislation and with the requirements established by the organisation in relation to **Health and Safety**.

We carry out our activities with the health and safety of people as a core value, thereby ensuring a **safe working environment**. We eliminate occupational hazards wherever possible and control and/or minimise those that cannot be eliminated through thorough risk assessments of working conditions and procedures, and by providing workers with the necessary personal protective equipment.

We address identified deficiencies and deviations by adapting equipment and work processes, promoting **continuous improvement** and enhancing the health and safety of our workforce.

All employees receive training on the risks inherent to their work and are empowered to implement the necessary **preventive measures** in response to uncontrolled risk situations to which they may be exposed.



JSAMCA workshop for OHS coordinators from each group site, May 2025.

EMPLOYEES

8 TRABAJO DECENTE Y CRECIMIENTO ECONÓMICO
 9 INDUSTRIA, INNOVACIÓN E INFRAESTRUCTURA
 11 CIUDADES Y COMUNIDADES SOSTENIBLES



ALCAÑIZ
67%



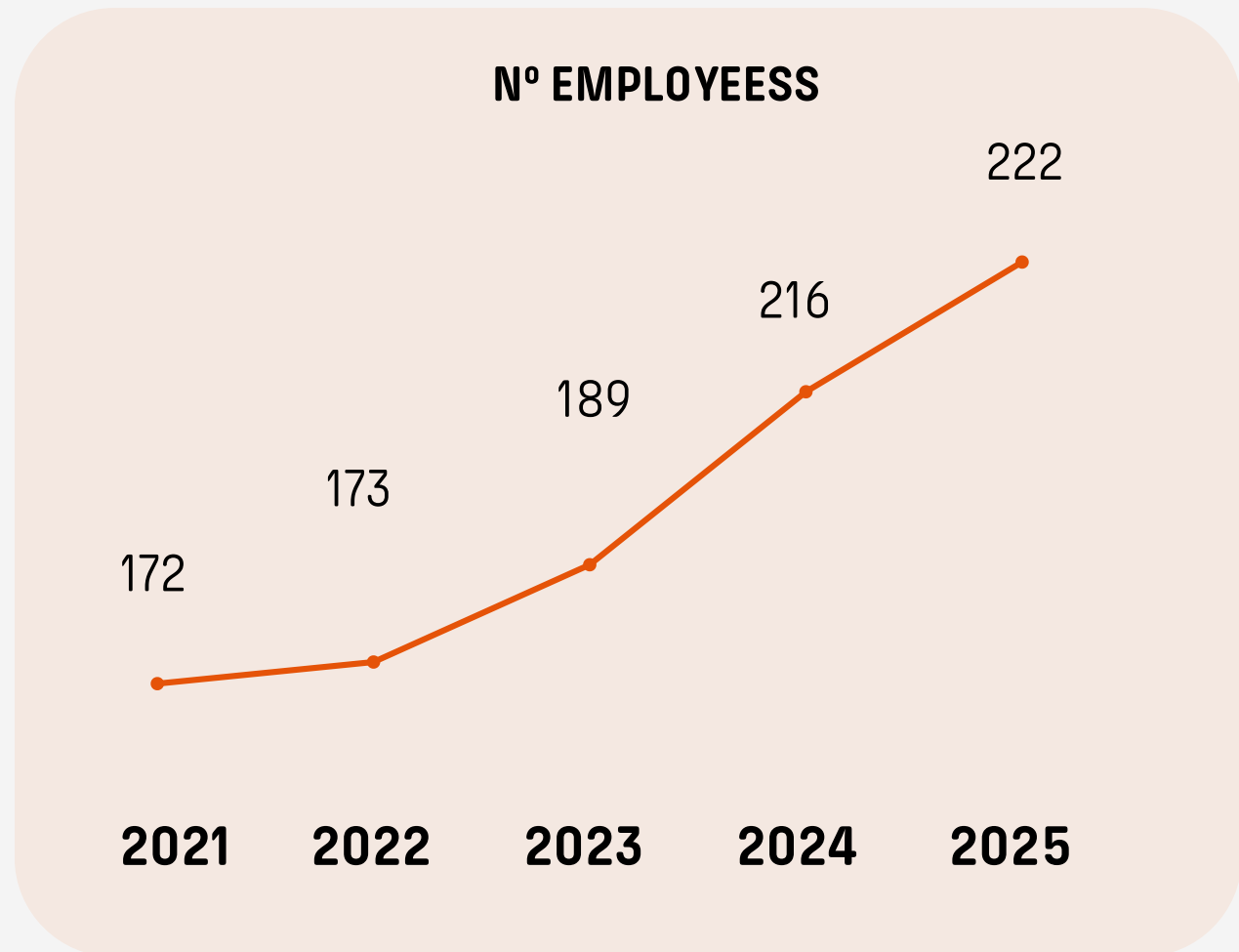
ALCORISA
25%



ONDA
8%



- 90% RESIDENTS OF AREAS WITH LOW POPULATION DENSITY
- 88% EMPLOYEES ON PERMANENT CONTRACTS
- 100% STAFF TRAINED IN-HOUSE
- 38% EMPLOYEES WITH 10 YEARS' SERVICE OR MORE
- 43 AVERAGE AGE OF THE WORKFORCE



24%



76%

OUR COMMITMENT TO EMPLOYEES



To promote at all times professional relationships based on respect for the dignity of others, collaboration, fairness and open communication, fostering a positive professional working environment.

To promote the workplace integration of people with disabilities, eliminating any type of barrier within the company to facilitate their inclusion.

To promote the effective implementation of equality between women and men, guaranteeing equal opportunities for recruitment and professional development in the workplace.

To ensure a working environment free from harassment in any of its forms (workplace, sexual and/or gender-based harassment).

To recognise the rights to freedom of association, trade union membership and collective bargaining.

To encourage a healthy balance between personal, family and working life.



To promote safety, health and hygiene at work, in accordance with occupational health and safety legislation and best practice.

To link employees' remuneration and promotion to merit and ability.

To encourage the professional development, training and career advancement of employees.

SELF-PROTECTION PLAN

The plan identifies potential emergency situations and sets out the required first aid measures, firefighting actions and evacuation procedures, as well as the teams responsible for implementing them.

WORKPLACE HARASSMENT PROTOCOL

Grupo SAMCA has implemented a workplace harassment protocol aimed at preventing such situations and, where necessary, establishing a clear and appropriate procedure for analysing reported incidents, adopting suitable measures and preventing recurrence. The objective is to ensure a working environment based on respect for others.

SAFE WORKPLACE

We work every day to ensure a safe working environment. Risk assessments are reviewed at least once a year, working-condition inspections are carried out and continuous improvements are proposed. In addition, employees' views and suggestions are taken into account through the Health & Safety Committee, which meets quarterly.

EQUALITY PLAN

The Equality Plan was registered with REGCON in 2024, and the identified improvement actions are currently being implemented.

WORK-LIFE BALANCE MEASURES

For non-operational roles:
 Flexible working hours between 08:00 and 19:00.
 Condensed working hours on Fridays: 08:00–15:00.
 Flexible allocation of annual leave
 Remote working options to support work-life balance.
 For operational/production roles:
 Possibility to choose or change shifts in coordination with colleagues.

TRAINING

We provide annual training to all personnel, including general training and role-specific courses.



	HOURS	EMPLOYEES
2022	5957	439
2023	9029	556
2024	1230	289
2025	1989	400

OCCUPATIONAL RISK PREVENTION MEASURES

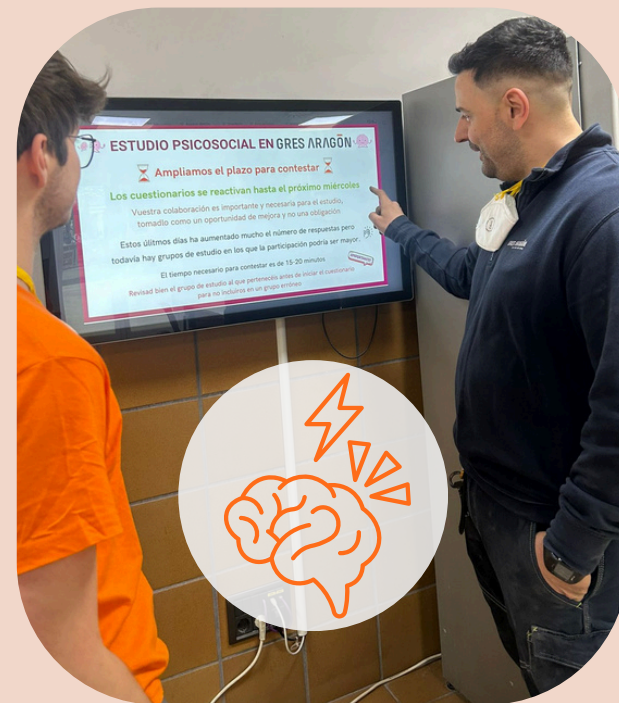


ADAPTATION OF EQUIPMENT AND INSTALLATIONS TO LAWS ON MACHINE SAFETY

All installations and equipment have been inspected by a specialised OCA (authorised inspection body) to identify and prioritise the actions required to guarantee the safety of all users. The findings have enabled the planning and implementation of the necessary corrective measures, thereby ensuring compliance with Royal Decree 1215.

PSYCHOSOCIAL STUDY

A psychosocial study was carried out to assess organisational factors and mental-workload elements that may affect workers' wellbeing. The results made it possible to identify areas for improvement and to define measures aimed at promoting a healthy working environment.



ACOUSTIC ENCLOSURES



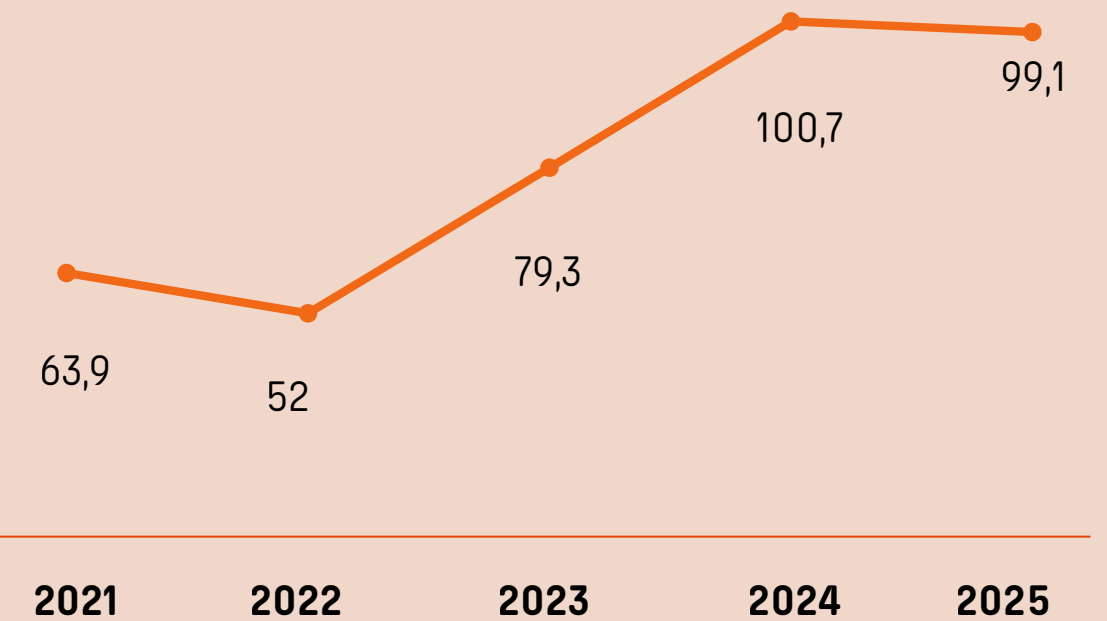
An acoustic enclosure was installed around one of the pieces of equipment with the greatest impact on worker noise exposure, achieving a reduction of 6 dB(A) in the plant's ambient noise level.

CONTROL OF CRYSTALLINE SILICA

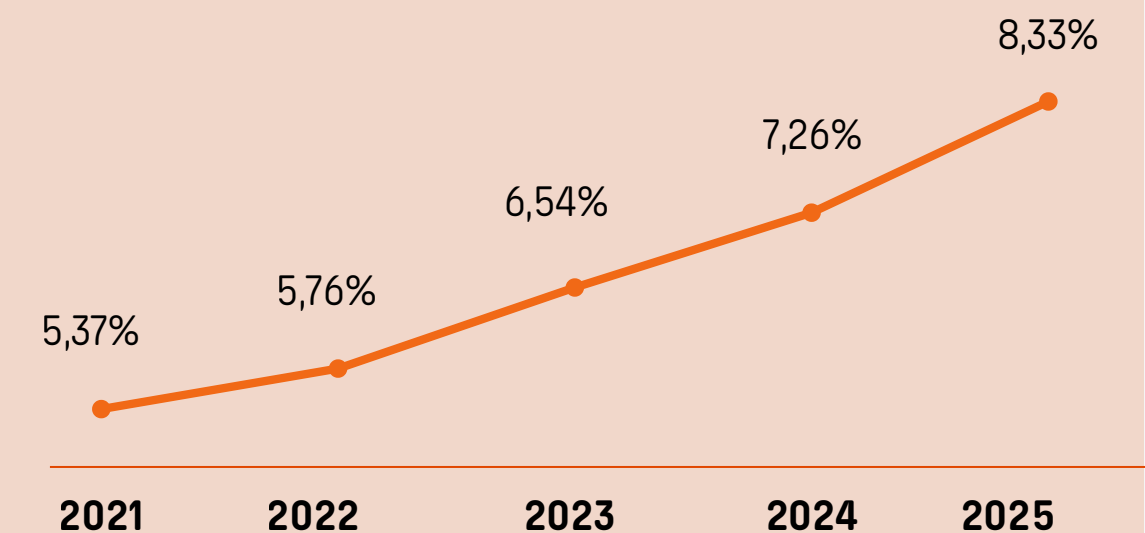


Improvements have been made to extraction systems and to the enclosures of machines and work equipment to reduce silica exposure. Air curtains have also been installed at the entrances to clean areas to prevent the ingress of dust, and therefore of silica.

WORKPLACE ACCIDENT INCIDENCE RATE



ABSENTEEISM

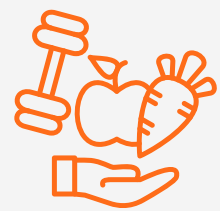


In 2025 Gres Aragón took a further step in promoting the overall health of its workforce within the SAMCA SALUD framework. The measures implemented have been organised into several specific lines of action, detailed below:



EARLY CANCER DETECTION

Expansion of medical examinations to include specific tests for the early detection of prostate and colorectal cancer in individuals over the age of 45. The aim is to facilitate early diagnosis, as identifying these conditions at an initial stage significantly improves the chances of successful treatment.



PROMOTION OF HEALTHY HABITS

Delivery of a nutrition workshop focused on managing sugar intake, interpreting food labelling and identifying healthy alternatives.



INFLUENZA VACCINATION CAMPAIGN

Implementation of the annual influenza vaccination campaign, organised and funded by the company, to protect the health of employees and their close contacts and to help reduce absenteeism.



SOCIAL SUPPORT AND AWARENESS

Training for middle managers to reinforce social support for employees with serious illnesses or with affected family members, promoting a more empathetic and supportive approach to managing such situations.



COMPLIANCE LEGAL



Internal Rules of Conduct are reviewed periodically and communicated to all personnel.



At Grupo SAMCA we have implemented a Criminal Compliance Management System with the objective of preventing, detecting and sanctioning irregular, unlawful or unethical conduct.

Compliance Policy



This system formalises and upholds a corporate culture of absolute respect for the law, internal regulations and the ethical standards set out in the Code of Ethics.

Code of Ethics



The framework sets out the basic principles and lines of conduct that all employees must know and follow in the performance of their duties.

Whistleblowing channel



A reporting channel is available to communicate any suspicion or knowledge of conduct occurring within the Group that may constitute a breach of applicable law and/or non-compliance with the Compliance Policy, the Code of Ethics and/or Grupo SAMCA's Criminal Compliance Management System.



Works council elections at the Alcorisa plant: June 2025.

PURCHASE POLICY AND SUPPLIER RELATIONS



The production plants, located in the Bajo Aragón region, are situated close to the clay quarries, thereby minimising the environmental impacts associated with the transport of raw materials, contributing to population retention and supporting territorial cohesion.

We are committed to **sourcing raw materials** from suppliers located as close as possible and in volumes that allow transport optimisation. In addition, we promote local development through the engagement of local workshops and subcontractors.

Furthermore, **environmental criteria** are considered and applied in the purchasing process and in the selection of approved suppliers, with the aim of minimising associated environmental impacts. Raw materials are purchased in bulk; glazes are supplied in returnable containers and on returnable pallets; and our cardboard packaging suppliers are provided with our own pallets so that products can be delivered on them and subsequently reused in the finished product.

We select suppliers whose business practices respect **human dignity** and comply with applicable legislation, based strictly on the suitability of their products or services, without accepting or offering gifts or commissions.

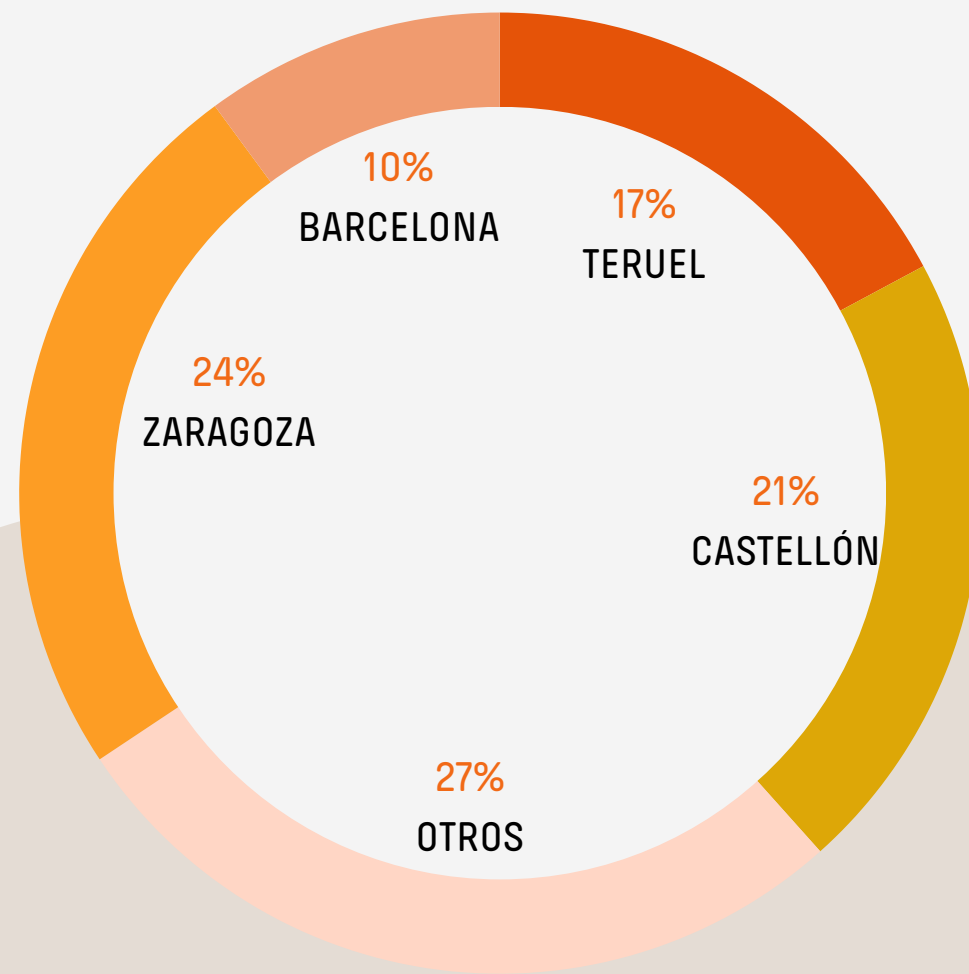
Committed to quality and excellence at all levels, we extend these principles to our suppliers by collaborating in product development, leveraging our facilities and expertise, and sharing knowledge on machinery and common production processes.



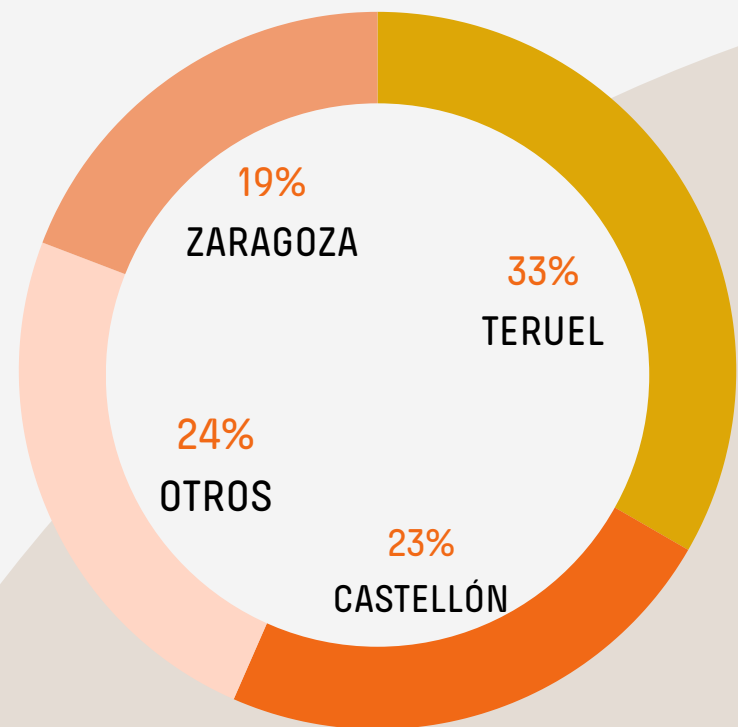
RESPONSIBLE LOCAL PROCUREMENT



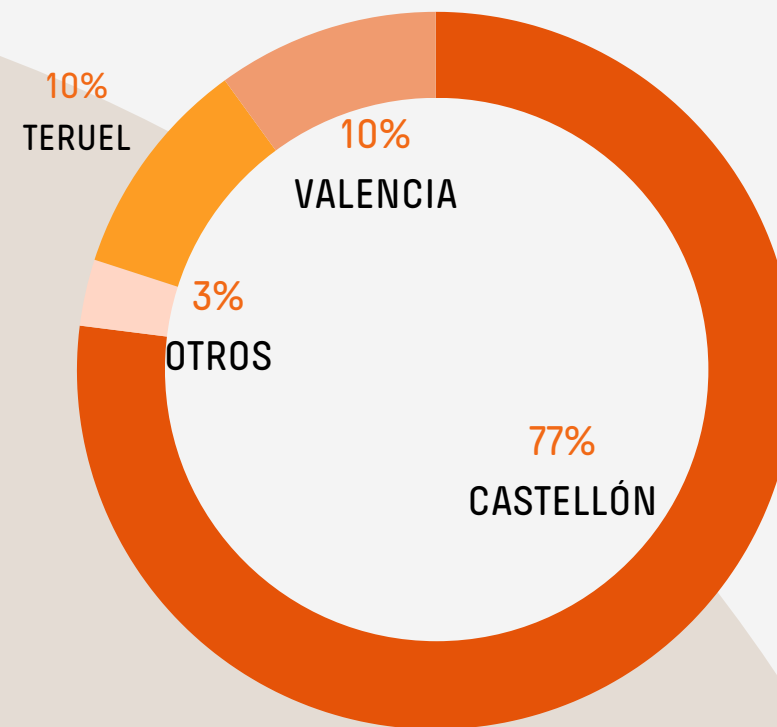
Procurement from industrial suppliers (€)



Procurement from service providers (€)



Procurement of services at the Onda warehouse (€)



RAW MATERIALS

37% WITHIN THE SAME PROVINCE (WITHIN 49 KM)

93% WITHIN 170 KM.

This report has been informed by the following guidelines, guides, models and sources related to Corporate Social Responsibility (CSR):

- Global Reporting Initiative (GRI) Sustainability Reporting Guidelines, G4 version
- GRI, Energy Protocol (December, 2002)
- GRI, Water Protocol (February, 2003)
- WRI/WBCSD: Calculating CO2 emissions from the combustion of standard fuels and from electricity/steam purchases. Calculation worksheets. February 2004. Version 2.0 with update April 2006 (<http://www.ghgprotocol.org>).
- CIS Barometer (Centro de Investigaciones Sociológicas), April 2022 (<https://www.google.com/search?client=firefox-b-d&q=Bar%C3%B3metro+CIS%2C+abril-julio+2022> Main concerns of the Spanish population)
- Barómetro CIS, abril-julio 2021 (http://www.cis.es/cis/opencm/ES/1_encuestas/estudios/ver.jsp?estudio=14586)
- Barómetro CIS, 2020 (http://www.cis.es/cis/opencm/ES/1_encuestas/estudios/ver.jsp?estudio=14508) prioridades (materiales) de la población española post-COVID)
- UN Global Compact. 10 Principles (<http://www.pactomundial.org/category/aprendizaje/10-principios/>)
- UN Global Compact. 17 Sustainable Development Goals (SDGs) (<http://www.pactomundial.org/?p=1135>)
- Accounting audits carried out by the Group's statutory auditor, Villalba, Envid y Cia, Auditores, S.L. (Censor Jurado de Cuentas)
- Internal information sources (set of indicators and procedures of the Group and its companies and parent company Grupo Samca)
- Internal databases (internal management systems/programmes of the Group's companies and cooperatives)
- Grupo Samca Sustainability Policy, which Gres Aragón aligns with and implements (<https://gruposamca.com/medio-ambiente>)



SDG INDEX

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GLOSSARY

AGENDA 2030	Agenda 2030 (UN Sustainable Development Goals): Targets set by the United Nations for sustainable development to transform and improve the lives of all.	CIRCULAR ECONOMY	Production and consumption model that promotes sharing, reusing, repairing and recycling materials and products to extend their life cycle.	VENTILATED FAÇADE	Ventilated thermal-envelope construction solution that clads the exterior of buildings, improving thermal insulation.
CLAY	Main raw material used to manufacture ceramics.	DISPOSAL	When recycling or recovery is not possible, wastes are disposed of appropriately in landfills.	FORMATS	Tiles and special pieces classified according to their dimensions.
FIRED CERAMIC WASTE	Residues from fired ceramic material.	GLAZING	Decoration process that gives the piece its final appearance (e.g., wood or cement look) and the required finish for end use (smooth, anti-slip, textured, etc.).	PORCELAIN STONEWARE	Ceramic tiles with very low water absorption; highly compact, hard, non-porous and with high frost resistance.
LOGISTICS CENTRES	Warehouses and loading points from which our products are dispatched.	GLAZES, INKS, COLORANTS	Raw materials used for ceramic decoration.	RUSTIC STONEWARE (KLINKER)	Ceramic tiles made of klinker material with medium water absorption, manufactured by extrusion; highly frost-resistant.
FIRING	Process performed in a kiln at high temperature (between 1,000 and 1,400 °C).	EXCELENCIA	In a company, the difference between quality and excellence is determined both by their definitions and by how companies apply them. Typically, when a company is described as excellent, it is because it meets high quality standards. Such companies pursue continuous improvement aimed at achieving excellence.	GRI	Global Reporting Initiative, version G4 for sustainability reporting.
COMPLIANCE	Preventing, detecting and sanctioning irregular, illegal or unethical conduct within a company.	EXTRUSION	Process that shapes ceramic products by forcing wet clay through a die, allowing three-dimensional forms and producing a laminar internal microstructure.	STAKEHOLDERS	Individuals and organisations that have an interest in and interact with the company. Identifying their expectations, needs and communication channels is essential for strategy development.
EPD	Quantifies the environmental impact of manufacturing processes according to ISO 14025 and requires independent third-party verification.	HORIZONTAL EXTRUSION	Production process that begins with extrusion and conveys the piece in a horizontal position.	CARBON FOOTPRINT	Measures greenhouse-gas emissions produced directly or indirectly, expressed in tonnes of CO ₂ equivalent.
DECARBONIZATION	Process by which countries, individuals or companies reduce carbon emissions by lowering fossil fuel consumption.	VERTICAL EXTRUSION	Production process that begins with extrusion and conveys the piece in a vertical position (Spaltplatten).	DIGITAL PRINTING	Technology for decorating tiles by printing ceramic inks, reproducing photographic images in high resolution.
GENCI	Non-profit organisation that manages the recycling of light packaging in Spain through financial contributions from companies that place packaging on the market.			ISO 14001	International standard for environmental management systems.
				ISO 50001	International standard for energy management systems.

ISO 9001	International standard for quality management systems.	SACRIFICIAL PLATE	Part of an extruded ceramic piece with three-dimensional geometry, used to facilitate handling during the manufacturing process and later discarded.	RAW WASTE	Tile waste generated before firing, including pieces rejected during forming, drying and glazing.
KLINKER	Products made from special clays fired at high temperatures, which vitrify the capillary structure, yielding low water absorption, high density and exceptional compressive strength.	IMPULSA PLAN	Program that helps channel the recruitment within Grupo SAMCA of bachelor's or master's degree graduates.	WALL COVERING	Ceramic products designed to cover walls; installed vertically and subject to lower mechanical load requirements than floor coverings.
KPI	Key Performance Indicator (KPI): Relevant metric used to monitor and control the company's key objectives.	PRODUCTION PLANTS	Each of the three factories where ceramic products are manufactured	CRS	CSR (Corporate Social Responsibility): A company's responsibility to society and the environment through ethical actions and fair profit practices.
GRINDING-MILLING	Process in which clay is milled in mills until it reaches the appropriate particle size distribution.	POREXPAN	EPS (Expanded Polystyrene): Commonly known as "white foam".	DRYING	After forming, a controlled process that removes moisture until around 0.5% (starting from approx. extrusion 18% and pressing 5%) so the piece can be fired at high temperature.
SDGs	Sustainable Development Goals: United Nations' goals for global sustainable development	PRESSING	Process by which ceramic products are shaped by pressing powdered clay under high pressure in a press using a die, giving the desired form in two of the three spatial dimensions.	SORTING	Dimensional and surface-appearance quality control of tiles before packing.
UN	United Nations	PRESCRIBER	Technical professionals who design projects and define the characteristics of the ceramic materials to be used.	SUSTAINABILITY	Applied to the business to ensure renewal and continuity.
UN GLOBAL COMPACT	UN initiative that promotes corporate sustainability worldwide	OHS	Occupational Health and Safety	SOSTAINABLE	Applied to the environment as a response to climate change.
FLOOR COVERINGS / PAVEMENTS	Ceramics designed to cover floors; must be resistant to the loads they will bear.	RECYCLING	Treatment of waste to recover and transform it, either for the same use or into a different type of product.	RECOVERY	Treatment of waste to obtain energy or other products from waste processing.
SPECIAL PIECES	Ceramic pieces with three-dimensional geometry serving specific functions (e.g., skirtings, stair treads, handrails).	EDGE GRINDING	Process in which tile edges are cut and bevelled after firing to achieve a perfect finish.	ZERO WASTE	A verification that supports sustainable development. It implies organized waste management to reduce waste and prepare it for reuse or transformation into raw materials, advancing a circular economy. The verification demonstrates a high degree of consistency in the data and the Environmental Management System.
CERAMIC POOLS	Complex systems where passive materials (tiles, edges, grilles, channels, pool surrounds) interact with active elements both chemically (chlorine, etc.) and physically (filtration systems), and that must meet strict safety and hygiene requirements.	FIRED WASTE	Tile waste generated after the firing process, including rejected pieces, sacrificial plates and handling tabs.		

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