

Environmental Statement
2026

Figures and data for the year 2025

Environment and Responsibility

1. Foreword



Dear Readers,
Dear Colleagues,

Environmental protection and resource efficiency are integral elements of GEALAN's responsible business operations. They are prerequisites for manufacturing products economically, sustainably and in compliance with both regulatory and societal requirements. This environmental statement demonstrates how GEALAN translated this commitment into practice during the 2025 reporting year and identifies the priorities that have been set for the years ahead.

The high standards set out in the GEALAN Strategy are underlined by the establishment of a dedicated sustainability Team. Since 2024, specialists from various disciplines have been supporting the systematic development of sustainability activities across the organisation.

During 2025, priorities included further increasing energy and resource efficiency in production, continuing the use of recycled materials, and assessing alternative raw materials with improved sustainability characteristics for PVC formulations and profiles. Another key focus was the development of a Group-wide sustainability strategy, which was developed through a structured cross-functional process involving various specialist departments. Existing initiatives were continued and new approaches were tested. Most objectives defined in the Environmental Programme were achieved.

The following chapters describe these developments in detail and in a transparent manner.

This environmental statement covers the two EMAS-registered sites of the GEALAN Group in Germany: GEALAN Fenster-Systeme GmbH and GEALAN Tanna Fenster-Systeme GmbH.

With a view to 2026 and the years beyond, the programmes aimed at improving resource efficiency will be continued, measures will be further developed, and the quality and traceability of environmental and sustainability data will be further enhanced. Particular focus will be placed on the further development of climate management based on the Group's Corporate Carbon Footprint, as well as on the establishment of systematic measures to prevent plastic losses and the associated microplastic emissions within our own operational processes. Particular emphasis is placed on maintaining a clear distinction between EMAS-validated content and supplementary sustainability information.

At GEALAN, sustainability is embedded across the organisation and supported by specialist functions. Our objective remains to present environmental performance transparently, provide reliable environmental data and continue the dialogue with relevant stakeholders in an objective and open manner.

The GEALAN Management

A handwritten signature in blue ink, appearing to read 'Ivica Maurovic'.

Ivica Maurovic
(Spokesperson of the Executive Board and
Managing Director Sales, Marketing
and System Development)

A handwritten signature in blue ink, appearing to read 'Tino Albert'.

Tino Albert
(Managing Director Technology and Finance)

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2. Sustainability at GEALAN

2.1. Sustainability approach

At GEALAN, we understand sustainability as a holistic framework within which environmental, social and governance topics are systematically considered and continuously developed. In doing so, we build upon the traditional focus of the EMAS environmental statement to include additional perspectives and embed sustainability as an integral part of decision-making and collaboration throughout the company.

Our starting point remains our industrial activity as a manufacturer of PVC window profile systems. Key topics arise in particular from material use and material cycles, energy consumption and the associated emissions, waste and recycling management, and the safe handling of substances. Sustainability is therefore understood as a principle of continuous improvement that extends beyond individual indicators.

Our sustainability approach is based on the principles of continuous improvement, compliance with legal requirements, transparency and the development of measurable objectives.

Environmental management continues to be implemented through the environmental management system established in accordance with EMAS. Environmental aspects are identified and assessed, objectives and programmes are derived, measures are implemented and monitored through site-specific indicators. EMAS therefore provides the central framework for management, verification and continuous improvement of environmental performance and forms the basis of the EMAS-validated content of this report.

We address the broader sustainability agenda in a structured manner. A sustainability team assumes overarching coordination responsibilities and supports specialist departments with strategy development, data management and reporting processes. Operational implementation remains within the respective areas of responsibility. Our sustainability strategy (Sustainability Ambition 2030) serves as the guiding framework for priorities and the further development of objectives.

2.2. Strategic areas of action

With Sustainability Ambition 2030, GEALAN has established an overarching sustainability strategy that brings together the sustainability topics material to the company. The strategy defines five strategic areas of action that serve as a framework for prioritising, managing and further developing sustainability-related activities.

The strategic areas of action comprise:

- Circular economy and resource efficiency – focusing on material use, recycling and closed material loops
- Climate and environmental protection – particularly energy use, emissions and their reduction
- Responsibility within the value chain – integrating suppliers and partners into sustainable processes
- People, culture and working environment – safe working conditions and employee development
- Partnerships and Industry Engagement – cooperation with initiatives and contributing to the further development of the industry



These areas of action do not constitute a catalogue of measures but rather a strategic framework that guides decisions, programmes and initiatives. They provide transparency regarding the sustainability topics that GEALAN systematically addresses and how sustainability is embedded in the long-term development of the company, its organisation and its collaboration processes.

The implementation of the strategy is carried out through various instruments and systems. For environmental topics, the EMAS environmental management system provides the central framework for management and verification (see Section 2.1). Other areas of action are covered as supplementary topics and are gradually further developed in an appropriate manner.

The sustainability strategy is also aligned with the United Nations Sustainable Development Goals (SDGs). The overview presented in this report illustrates the thematic areas in which GEALAN support through its business activities and strategic areas of action. This presentation is intended solely to provide orientation and transparency and does not constitute an assessment or measurement of individual SDGs.

Note regarding classification: This section is provided for contextual purposes only and does not form part of the EMAS validation. It serves exclusively as additional contextual information.

3. About this report

This environmental statement forms an integral part of GEALAN's Environmental Management System and has been prepared in accordance with the requirements of the European EMAS regulation. It is reviewed and validated by an accredited environmental inspector. In addition, it contains selected information regarding the company's wider sustainability activities.

This environmental statement presents the environmental performance together with selected sustainability information of the GEALAN Group for the 2025 reporting year. It is intended for customers, partners, employees, authorities and other interested stakeholders.

The environmental statement combines the EMAS-validated information on environmental management and environmental performance with supplementary information on GEALAN's strategic sustainability orientation. It incorporates the contents of the annual EMAS Environmental Statement. EMAS validation is carried out in accordance with Regulation (EC) No. 1221/2009 on the voluntary participation of organisations in a community eco-management and audit scheme (EMAS), as amended.

The scope of this report comprises the two EMAS-registered sites of the GEALAN Group in Germany: GEALAN Fenster-Systeme GmbH in Oberkotzau and GEALAN Tanna Fenster-Systeme GmbH in Tanna. For these sites, environmental aspects, environmental programmes, environmental performance, environmental indicators and EMAS core indicators are presented in full.

The EMAS-validated content of this report includes, in particular, the environmental management system, the presentation of direct and indirect environmental

aspects, environmental programmes and environmental objectives, the environmental performance of the sites, environmental indicators and EMAS core indicators, as well as information regarding compliance with legal and other environmental obligations.

The EMAS-relevant content follows a clear management logic. The starting point is the direct and indirect environmental aspects of the sites, which are regularly identified and assessed. Based on these assessments, environmental objectives and environmental programmes are defined. These objectives are implemented through specific measures and documented through environmental indicators and EMAS core indicators. The effectiveness of the system is regularly reviewed through internal audits and external validations.

The review and validation of this content are carried out by an accredited environmental inspector. Validation confirms that the EMAS-relevant information provides an accurate, transparent and reliable representation of the organisation's environmental performance.

Supplementary sustainability information serves to provide context and transparency. It supports understanding of GEALAN's sustainability orientation but does not form part of the EMAS validation. Statements relating to external awards, voluntary commitments, partnerships or initiatives are supplementary in nature and must not be used as evidence of EMAS compliance.

4. Company and fundamentals

4.1. Company profile

The GEALAN Group is an industrial group develops, manufactures and markets PVC profile systems for windows and doors. As a system provider, GEALAN offers not only profile systems but also complementary components and services that support customers across the value chain – from planning and manufacturing through to sales. The company's own value creation activities primarily comprise the development, extrusion and further processing of plastic profiles.

GEALAN operates mainly in European markets. The profile systems offered are designed for both new-build projects and the refurbishment of existing buildings. The further development of products and processes is taking account of technical requirements, legal framework conditions and the consideration of environmental and resource-related aspects.

GEALAN regards innovation as a continuous development process encompassing both product solutions and manufacturing, material and organisational structures. The objective is to further develop existing systems and evaluate new solution approaches without losing sight of quality, functionality and resource efficiency.

External awards, such as the TOP 100 award for particularly innovative companies awarded in 2024, demonstrate external recognition of these development activities.

4.2. Organisation and management

The sustainable development of the GEALAN Group is guided by the "GEALAN Strategy 2027", which serves as an organisational and strategic framework. The strategy was developed jointly by the Management Board and the management team and forms the basis for the alignment of key business areas.

The organisation is structured functionally and includes, among others, the areas of Production, Technology, Logistics, Sales, Research & Development, Quality and Integrated Management System, and Sustainability. Occupational Safety, Fire Protection and Energy Management responsibilities are integrated into the organisational structure and form part of operational processes.

The coordination of cross-functional sustainability topics is carried out by a central sustainability team, which is integrated into the organisation and supports specialist departments in operational implementation as well as in the further development of structures, data management and reporting. Responsibility for implementation remains with the respective specialist departments and sites.

Environmental, energy and quality-related topics are integrated within the Integrated Management System. This includes, among others, the requirements of ISO 9001 (Quality Management), ISO 14001 (Environmental Management) and ISO 50001 (Energy Management) and is regularly reviewed and further developed.

The underlying processes are designed to be transparent and clearly documented. They are regularly analysed and adjusted where necessary in order to drive continual improvement. Decisions are made considering legal requirements, identified risks and the principle of continuous improvement.

The organisational integration of environmental and sustainability topics is carried out in accordance with the strategic fields of action described in Chapter 2 and the management logic outlined therein.

The following diagram illustrates the organisational structure:

Spokesperson of the Management Board	Management	Technology/Finance	
	Divisions	Occupational Safety	Facility Management
Design, Technology Centre	Business divisions	F&E / Sustainability	
QM / Integrated Management System		Production	
Sales		Toolmaking	
Product Management/Innovation, Customer Service Centre		Logistics	
Materials Management		Information Technology	
Marketing		Commercial Area: Credit Management, Legal/ Compliance, Human Resources/ Organisation, Business Planning & Analysis, Finance, Auditing	

Corporate Structure



4.3. Principles and environmental policy (EMAS)

Sustainability is an integral part of GEALAN's business activities. The objective is the efficient and environmentally responsible use of resources, particularly materials, energy and other input substances.

The environmental policy provides the binding framework for operational environmental protection. It includes the commitment to comply with all relevant legal and other requirements, as well as the commitment to the continuous improvement of environmental performance.

GEALAN strives to systematically reduce environmental impacts and avoid adverse effects on the environment and society. This applies in particular to energy consumption, emissions, waste and the handling of substances.

A key element is the involvement of employees. Through responsible, quality-conscious, environmentally aware and resource-efficient behaviour, employees contribute to the achievement of environmental objectives and are supported through information and training.

Transparency and communication are central elements of the environmental policy. GEALAN engages with customers, suppliers, authorities, employees and other stakeholders and provides relevant information in a transparent and comprehensible manner.

The environmental policy forms the basis for defining environmental objectives and environmental programmes and is directly linked to the identified environmental aspects (see Section 4.7) and their further development through the environmental and energy programmes (see Chapter 7).

4.4. Sites and significant changes during the reporting year

The GEALAN Group operates two EMAS-registered sites in Germany:

The Oberkotzau site serves as the administrative and technology centre, focusing on development, tool-making and supporting functions. The Tanna site is designed as a production and logistics centre and represents the main location for profile manufacturing.

In order to make a significant contribution to climate protection, GEALAN has sourced electricity from from certified renewable sources on a market-based accounting basis for both German sites, Oberkotzau and Tanna, since 2020, in accordance with supplier certification.

At the Tanna production and logistics site, a new raw material warehouse has been completed and is now fully operational. Construction of a new fully automated high-bay warehouse was completed in 2024.

Over recent years, the recycling process has been progressively improved from manual operations towards more highly automated processes. This includes investments in equipment for shredding, storing and loading recycled materials, as well as accompanying process optimisations at both sites.

Specifically, during the reporting year an electrostatic sorting machine was commissioned in Oberkotzau. The machine further separates sealing materials and thereby improves efficiency in recycled material processing. In the future, this equipment is planned to be relocated to Tanna in order to consolidate processes at a single site. Construction of a new processing hall, which will centralise all process steps such as shredding, sorting and granulation and thereby simplify logistics of internally processed material, commenced in spring 2026.



4.5. Products and applications

GEALAN develops and markets profile systems for windows, doors and sliding applications made from plastic. As a system provider, the company supplies not only profiles but also complementary components designed to meet a variety of requirements in both new-build and refurbishment projects.

Sustainability-related product characteristics arise in particular from the durability of the systems, their low maintenance requirements and their recyclability. Plastic windows and doors based on GEALAN profile systems are designed for long service lives and can be returned to existing material cycles and be recycled at the end of their life cycle.

Recycled material has been used by GEALAN for many years. Within the window industry, closed material loops exist through which processed end-of-life window material and production residues are reintroduced into the manufacture of new profiles. Internal production residues are also returned to these material cycles.

GEALAN has pursued the principle of "Design for Recycling" from the product development stage onwards. Suitable solutions relating to material selection, profile design and separability are incorporated into development processes to support future recyclability. These considerations apply both to new profile systems and to the further development of existing solutions.

To classify raw material origins and material flows, GEALAN applies certification standards such as ISCC PLUS at selected sites. These certifications relate to defined processes and material flows.

Innovations in products and applications serve to further develop technical properties, respond to changing market requirements and take resource-related aspects into account. The newly introduced BALANCE variants use bio-attributed PVC in the outer layer of the profiles. The use of such raw materials derived from renewable biomass is being assessed with regard to potential reductions in the product carbon footprint.

The possibility of finishing GEALAN profiles with the GEALAN-acrylcolor® surface technology was extended to additional systems during the reporting year. The PMMA surface therefore protects an increasing number of GEALAN profiles against weathering and supports their long-term use.

The further development of products and applications is carried out in accordance with the strategic fields of action described in Chapter 2.



4.6. Dialogue, engagement and industry initiatives

GEALAN maintains regular dialogue with various stakeholder groups. These include customers, business partners, suppliers, authorities and the interested public. Engagement takes place through existing business relationships, project-related discussions, events and designated company contacts. Feedback and enquiries are received and considered within their respective specialist contexts.

In addition, GEALAN has been involved for many years in environmental and sustainability-related industry initiatives and voluntary commitments. The company is a member of the window recycling initiative Rewindo, VinylPlus Deutschland e.V. and the European trade association of PVC window system providers (EPPA), where it contributes to technical discussions and further developments. Cooperation also exists with other national and European associations and networks within the plastics and window industries. The nature and extent of participation depend on the specific responsibilities of the respective organisations.

In addition to its environmental activities, GEALAN is engaged within the regional environment surrounding its two German sites. This commitment includes sup-

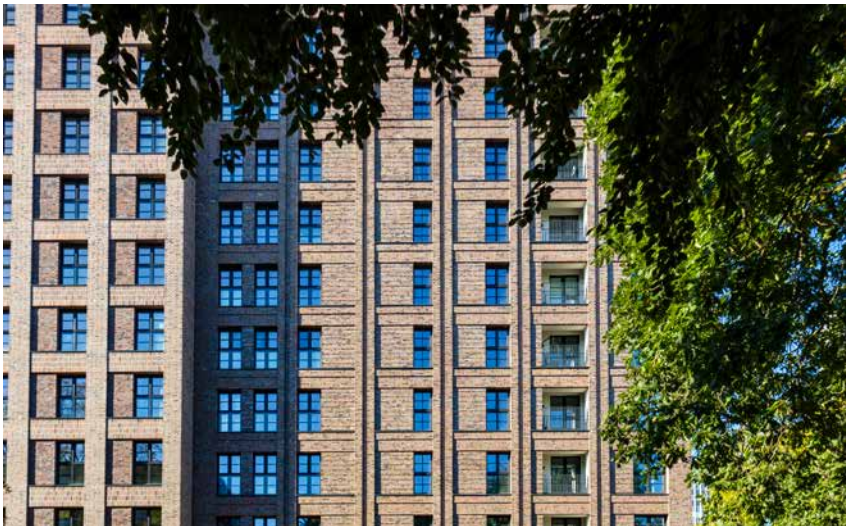
porting selected local associations, initiatives and social projects.

Since spring 2024, GEALAN has supported Faltbootclub Hof e.V. as its main sponsor. In addition, the company supports the handball club SV 04 Plauen Oberlosa.

Since 2021, GEALAN has also organised the annual “#GEALANTeamSupport” campaign. As part of this initiative, regional associations and selected projects receive financial support. In addition, an annual donation is made to the initiative “Hilfe für Nachbarn e.V.” (Help for Neighbours), which supports people within the region who have unexpectedly fallen into hardship. All of these activities are intended as long-term commitments and support regional structures and activities.

The dialogue formats, commitments and memberships described in this section complement GEALAN’s environmental management activities. They contribute to understanding the company’s activities in the areas of dialogue, responsibility and industry engagement.

The activities presented are supplementary in nature and do not form part of the EMAS validation.



4.7. Direct and indirect environmental aspects (EMAS)

At the two company sites, direct and indirect environmental aspects are identified in connection with the activities performed, products manufactured and services provided. Direct environmental aspects arise from the company's own operational processes and are under the direct control of the organisation. Indirect environmental aspects result primarily from upstream and downstream processes and from cooperation with third parties and can therefore only be influenced to a limited extent.

The environmental aspects assessed as significant form the basis for defining environmental objectives and environmental programmes and for selecting suitable indicators to monitor environmental performance.

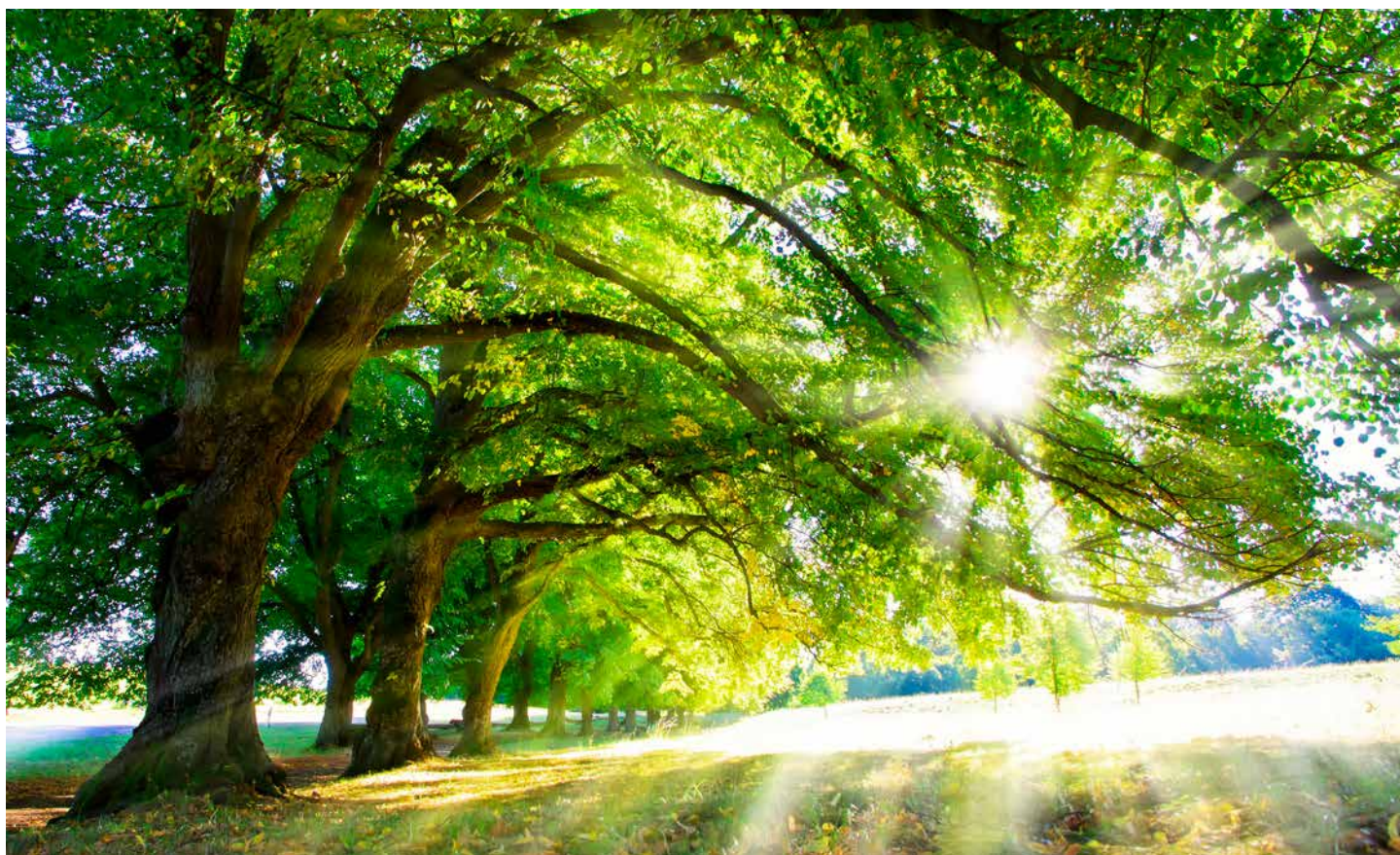
The systematic identification and assessment of environmental aspects takes place at least annually within environmental committees and internal audits. In addition to the significance of the environmental aspects themselves, the associated risks are also evaluated. Based on these assessments, measures for management and continuous improvement are derived

and incorporated into the environmental and energy programmes. Material flows are also analysed regularly, particularly with regard to quantities used and recyclability.

The assessment focuses on environmental aspects such as energy consumption, waste generation, the handling of hazardous substances and emissions. In addition, further site-specific topics such as water consumption, land use and the use of auxiliary and operating materials are considered.

This includes, among other things, the continuous review of substances used with regard to their substitutability and the conscious management of land use at the Tanna site. The objective is to identify environmental impacts at an early stage and to consider them appropriately in business decisions.

A key lever for reducing environmental impacts also lies in energy use. The procurement of electricity from renewable sources since July 2020 supports resource-efficient operation at both sites.



5. Employees and occupational Health & Safety

5.1. Employee development and employer topics

In addition to environmental responsibility, sustainable business practices at GEALAN also include responsibility towards employees. Through their professional qualifications, experience and commitment, employees make an important contribution to the stability and further development of the company.

Employee numbers at the two German sites in Oberkotzau and Tanna have remained broadly stable over recent years. In 2022, a total of 910 employees worked at the two sites. By 2024, this figure had increased to 974. In 2025, the total number of employees was 956, including 371 in Oberkotzau and 585 in Tanna.

The proportion of women within the workforce has also increased during the reporting period. While a total of 120 women were employed in 2021, the figure had risen to 165 by 2025. The proportion of women therefore increased across both sites from approximately 13% to approximately 17%.

The average age of employees in 2025 was 42.8 years in Oberkotzau and 41.7 years in Tanna. This reflects an experienced workforce and provides a basis for knowledge transfer and employee development.

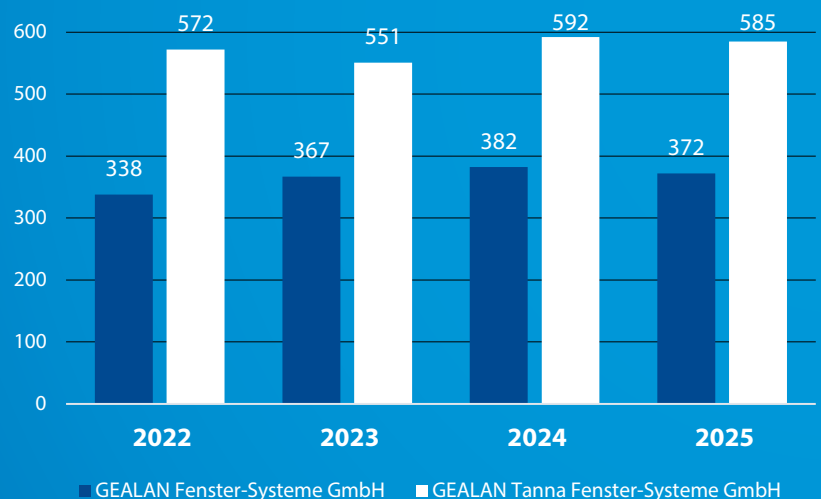
Collaboration within the company is characterised by the organisational values of team spirit, open commu-

nication, professionalism, trust and appreciation. These values provide a framework for day-to-day collaboration. Respectful and fair treatment, equal opportunities and a working environment free from discrimination form part of the company's practices.

A key component of human resources management is the continuous learning and development of employees. Learning and Development activities are aligned with corporate objectives and include professional training, personal development and programs for managers and teams. This supports long-term workforce and succession planning.

To ensure employee engagement, regular company-wide anonymous employee surveys are conducted. The results are evaluated both at management level and within teams. On this basis, measures are derived to further improve collaboration, leadership and working conditions. Communication is supported through internal formats such as employee events and the intranet.

External awards provide additional recognition of GEALAN's employer activities. In 2026, GEALAN Fenster-Systeme once again received the "LEADING EMPLOYER" award and is therefore ranked among the top 1% of employers in Germany. This recognition is regarded as encouragement for the continuous improvement of working conditions and human resources measures.



Development of employee numbers at the EMAS sites in Oberkotzau and Tanna



5.2. Occupational Health and Safety

Occupational safety and health protection are integral parts of GEALAN's management system. An Occupational Safety Policy exists for the German sites and has been approved by the Management Board. In addition, binding occupational safety principles have been established and are implemented throughout the management structure.

Implementation takes place through the involvement of various internal committees and functions. In addition to the Occupational Safety Committee, regular exchanges take place at management level to evaluate and further develop measures aimed at strengthening the prevention culture. Additional coordination formats have been established within operational areas, involving managers, safety representatives and occupational safety specialists.

Risk assessments are prepared independently within the specialist departments and reviewed regularly. Qualified specialists have been appointed for specific topics such as machine safety and the handling of hazardous substances.

Occupational accidents and near-miss incidents with significant risk potential are systematically analysed and evaluated. The findings are communicated throughout the organisation and incorporated into the

further development of measures. In addition, regular workplace inspections are conducted. Exchange with international sites also contributes to the further development of safety standards.

Training and instruction are central elements of prevention activities. These are delivered both internally and with the support of external partners. In addition to digital formats, particular emphasis is placed on face-to-face instruction to ensure the sustainable communication of safety-related information.

Occupational health services at the German sites are provided by an external occupational medical service. These services include mandatory, voluntary and requested health surveillance measures based on legal requirements and risk assessments.

In addition, a company health management system was introduced at the beginning of 2026 and is coordinated by the Human Resources Department. Further measures include programs to promote physical and mental health, including external counselling services and a company addiction support officer.

Information relating to occupational safety and health protection is made available through the intranet. Practical guidance documents are also available for operational employees.

6. Governance, compliance & audit (EMAS)

6.1. Legal and other obligations

Compliance with legal and regulatory obligations is fundamental for the two EMAS sites. During the reporting period, there were no substantiated complaints or legal violations relating to environmental legislation at either site.

Identified deviations are systematically recorded, assessed and appropriate corrective actions are assigned. Implementation is monitored accordingly.

A web-based legal database, updated every six months, is used to identify, evaluate and monitor relevant legal requirements. This ensures a structured process for communicating legislative developments to employees. The system is further supported by internal audits and inspections during which compliance with relevant legal requirements is verified.

In addition, regulatory wastewater analyses are conducted twice annually, monthly internal monitoring analyses (wastewater measurements) are carried out, and emissions monitoring is performed to ensure compliance with all regulatory requirements and limit values.

6.2. Environmental audits and internal audits

Im During the reporting period, several environmental audits were carried out by a cross-site environmental team. This team consists of representatives from the Integrated Management System, Sustainability, Environmental Coordination, Energy Management, Occupational Safety and Fire Protection functions.

Findings from audits and site inspections are recorded in a central action list, prioritised and implemented by the responsible specialist departments. Implementation is systematically monitored.

The Environmental Management System was reviewed and evaluated at each site and, where necessary, adjusted with the involvement of management. Comprehensive site inspections form an essential component of these environmental audits.

The effectiveness of the Environmental Management System of GEALAN Fenster-Systeme GmbH and GEALAN Tanna Fenster-Systeme GmbH has been confirmed and complies with the requirements of the EMAS III regulation. Identified improvement opportunities are documented in a central action list and implemented by the respective specialist departments.

6.3. Responsibilities and approval process

This environmental statement was approved by the Management and reviewed and validated by an accredited EMAS environmental inspector. It is published annually in an updated form. EMAS registration can only be granted by the competent authority; the inspector's declaration may not be used as a stand-alone basis for informing the public.

The preparation and coordination of the report content were carried out by the sustainability department. Data are supplied by the respective specialist departments and sites.



7. Environmental and energy programme 2025 (EMAS)

7.1. Environmental and energy programme for the reporting year

During the 2025 reporting year, specific objectives and measures were defined within the framework of the environmental and energy programme to improve environmental performance on a continual basis. These are based on the identified environmental aspects (see Section 4.7) as well as the assessment of relevant environmental impacts and operational requirements.

The environmental and energy programme includes both site-specific and company-wide measures with different implementation timeframes.

The environmental and energy programme 2025 is presented in the following table:

Ziel	Measure/project	Expected benefit/improvement	Target date
Hollistic Approach to Sustainability	Concretisation of the sustainability strategy	Identification and prioritisation of the most relevant ESG issues for GEALAN	12/2025
Climate Action	Creation of a corporate carbon footprint for all GEALAN sites (Scope 1, 2 and partially 3) to define a group-wide climate strategy	Determination of the CO ₂ reduction potential and further target setting for a net-zero climate strategy	12/2026
	By 2027, 50% of the vehicle fleet will be electrified (including hybrids), including expansion of the charging infrastructure on company premises	Savings of approx. 500t of CO ₂ per year, based on 2022 figures	12/2027
Responsible Consumption and Production	Test of CO ₂ -optimised chalk	Reduction of CO ₂ emissions	12/2026
	Introduction of bio-attributed PVC in production (mass balance method) through a marketing campaign and a pilot phase	Reduction in CO ₂ emissions; approximately 90% compared to virgin material	12/2025
Life below Water / Life on Land	Design and implementation of a plant for the pre-treatment of grinding sludge	Avoiding unwanted particles in wastewater	03/2025
	Gap analysis for possible certification according to Operation Clean Sweep	Prevention of microplastic losses	12/2025
Affordable and Clean Energy	By 2027, 25% of heating requirements will be covered by renewable energy sources (heat pumps/ green electricity)	approx. 600t of CO ₂ emissions per year from conversion onwards, based on 2022 consumption	12/2027
Standardisation in the Group	Comprehensive introduction of an energy management system in the GEALAN Group in compliance with ISO 50001	Standardisation of energy policy and increase in sustainability	12/2025

7.2. Status and assessment

The objectives defined within the environmental and energy programme were reviewed during the reporting period.

A large proportion of the measures were implemented as planned or are currently being processed in accordance with the intended implementation schedule. The further development of the sustainability strategy was completed during the reporting year and will serve as the basis for the future management of sustainability topics within the GEALAN Group. At the same time, work continued on the preparation of a corporate carbon footprint to establish a reliable data basis for the further development of climate management and the derivation of future climate objectives.

In the area of resource efficiency, further measures were advanced to reduce CO₂ emissions using alternative raw materials. These include the introduction of bio-attributed PVC and the testing of CO₂-optimised raw materials. In addition, the system for the pre-treatment of grinding sludge was designed and implemented. This enables the reduction of undesirable particles in wastewater and further improves environmental performance within production processes.

Other objectives remain in line with the implementation schedule and continue to be pursued in accordance with their intended implementation periods. This applies to the development of a decarbonisation roadmap, the electrification of the vehicle fleet and measures to reduce dependence on fossil energy sources.

Individual measures were adjusted or postponed during the reporting period. In the area of Operation Clean Sweep, a baseline assessment was carried out and a roadmap was developed. The planned certification was temporarily deferred and will continue to be pursued within the context of the broader strategic approach to microplastics.

The Group-wide implementation of an energy management system was initiated. Responsibilities were defined and initial audits were carried out. Further implementation will take place within the respective affiliated companies and will be reviewed at regular intervals.

Overall, the assessment demonstrates that the defined measures are suitable for systematically improving environmental performance. The results will be incorporated into the ongoing development of the environmental and energy programme.

8. Environmental performance (EMAS)

8.1. Database and documentation

The basis for assessing environmental performance is the systematic collection of input and output quantities. These provide information on the materials and resources entering each site and the form in which they subsequently leave it. Data collection is site-specific and is based on defined internal recording and documentation processes.

From the reporting year onwards, direct and indirect CO₂ emissions are determined in accordance with the principles of the Greenhouse Gas Protocol (GHG Protocol). Emissions are reported according to Scope 1 (direct emissions from owned sources) and Scope 2 (indirect emissions from purchased energy). For Scope 2, both the location-based and market-based approaches are calculated and presented. For the purposes of assessing and managing CO₂ emissions, the market-based approach is primarily used within this report.

In addition, initial assessment is given to CO₂ emissions arising across the value chain (Scope 3). This currently covers selected categories, particularly purchased goods and services (Category 1), upstream energy-related emissions (Category 3), transportation (Category 4), waste (Category 5), business travel (Category 6), employee commuting (Category 7), and the processing and disposal of sold products (Categories 10 and 12). The underlying data and methodology for Scope 3 are being progressively further developed.

In previous years, CO₂ emissions were presented in aggregated form based on the energy sources used (electricity, heating energy and fuels). Due to the change of methodology in calculation, comparability with previous years is only possible to a limited extent. Historical data is currently not being recalculated retrospectively.

Due to the wide range of approximately 45,000 individual products, a product-specific assessment is not considered meaningful. For the Tanna site, the quantity of raw materials used is therefore employed as the reporting basis for environmental indicators. This reporting basis also includes materials that are reintroduced into the internal material cycle.

For the Oberkotzau site, revised indicators were established following the relocation of significant production processes to Tanna. At this site, the number of employees serves as the reporting basis to enable a transparent and comparable assessment of environmental performance.

8.2. GEALAN Fenster-Systeme GmbH

INPUT	2022	2023	2024	2025
1 Raw materials (t)	3.688	6.036	8.547	6.595
2 Auxiliary and operating materials (t)	4,58	3,52	5,53	3,17
3 Municipal water (m ³)	4.865	4.365	5.131	5.877
4 Energy (MWh)	7.080	6.384	6.276	6.347
4.1 Electricity	3.674	3.366	3.710	3.564
4.2 Natural gas	1.321	871	601	835
4.3 Heating oil	147	71	90	54
4.4 Fuels	1.938	2.082	1.874	1.894
OUTPUT				
6 Non-hazardous waste ⁽¹⁾ (t)	251	205	255	241
7 Hazardous waste ⁽²⁾ (t)	23	15	19	25
8 Wastewater (m ³)	4.865	4.365	5.131	5.877
9 CO ₂ emissions ⁽³⁾ (t) (calculated)	960	896	794	
9.1 Electricity	0	0	0	
9.2 Natural gas	320	185	127	
9.3 Heating oil	45	22	28	
9.4 Fuels	595	689	639	
Scope 1 emissions				663
Scope 2 emissions (location-based)				1.106
Scope 2 emissions (market-based)				24
Scope 3 emissions ⁽⁴⁾				5.725
10 VCM emissions in (t) (calculated)	0,0019	0,0019	0,0074	0,0057
11 Other emissions (t) (calculated) ⁽⁵⁾	4,090	3,684	3,933	3,836
11.1 SO ₂	1,205	1,079	1,188	1,134
11.2 NO _x	2,695	2,432	2,561	2,522
11.3 PM ₁₀	0,190	0,173	0,184	0,180
^{(1), (2)} For clarity, the total is referenced. The breakdown can be seen in the waste report. ⁽³⁾ CO ₂ emissions: total emissions from electricity generation, heating energy and fuel consumption. ⁽⁴⁾ Scope 3 emissions include Categories 1, 3, 4, 5, 6, 7, 10 and 12. ⁽⁵⁾ Source: GEMIS 4.95 [calorific value / direct emissions (without upstream chains)], as of: 04/2017.				

8.3. GEALAN Tanna Fenster-Systeme GmbH

INPUT	2022	2023	2024	2025
1 Raw materials (t)	83.054	70.216	69.215	69.506
1.1 Recycled materials, external purchase (t)	6.351	5.017	4.498	4.186
1.2 Internally processed materials (t)	14.252	12.886	15.229	17.213
2 Auxillary and operating materials (t)	624,90	547,03	545,92	506,44
2.1 Adhesive+cleaner+primer ⁽⁰⁾	576	454	491	449
3 Water (m³)	14.230	15.344	13.140	13.645
4 Energy (MWh)	34.981	30.905	31.049	32.453
4.1 Electricity	31.429	28.112	28.618	29.372
4.2 Heating oil	1.560	982	531	848
4.3 Liquid gas	498	518	523	589
4.4 Fuel	1.494	1.293	1.187	1.163
OUTPUT				
5 Semi-finished and finished goods(t)	82.660	68.881	68.623	69.103
5.1 Profiles (goods) (t)	59.031	49.736	47.989	48.988
5.2 Share of circular materials ⁽¹⁾ (%)	35	36	41	44
6 Non-hazardous waste ⁽²⁾ (t)	1.356	1.055	1.004	959
7 Hazardous waste ⁽³⁾ (t)	21	23	41	22
8 Wastewater (m³)	14.230	15.344	13.140	13.645
9 CO ₂ emissions ⁽⁴⁾ (t) (calculated)	1.028	843	704	
9.1 Electricity	0	0	0	
9.2 Heating oil	483	305	163	
9.3 Liquid gas	129	116	117	
9.4 Fuel	416	422	420	
Scope 1 emissions				690
Scope 2 emissions (location-based)				9.030
Scope 2 emissions (market-based)				3
Scope 3 emissions ⁽⁵⁾				204.243
10 VOC emissions ⁽⁶⁾ (t) (calculated)	6,0	4,1	5,2	4,7
11 VCM emissions (t) (calculated)	0,069	0,069	0,057	0,057
12 Other emissions (t) (calculated) ⁽⁷⁾	28,430	25,231	25,390	26,231
12.1 SO ₂	10,178	8,967	8,972	9,309
12.2 NO _x	17,013	15,164	15,312	15,779
12.3 PM ₁₀	1,238	1,100	1,106	1,142

⁽⁰⁾ Auxillary and operating materials only shown for profile lamination.

⁽¹⁾ The share of circular materials describes the ratio between reused material and good product output. Reused material includes both production scraps reused within the company's own material cycle and externally purchased recycled material (post-industrial and post-consumer).

^{(2), (3)} For clarity, the total is referenced. The breakdown can be seen in the waste report.

⁽⁴⁾ CO₂ emissions: Total emissions from electricity generation, heating energy and fuel consumption.

⁽⁵⁾ Scope 3 emissions include Categories 1, 3, 4, 5, 6, 7, 10 and 12.

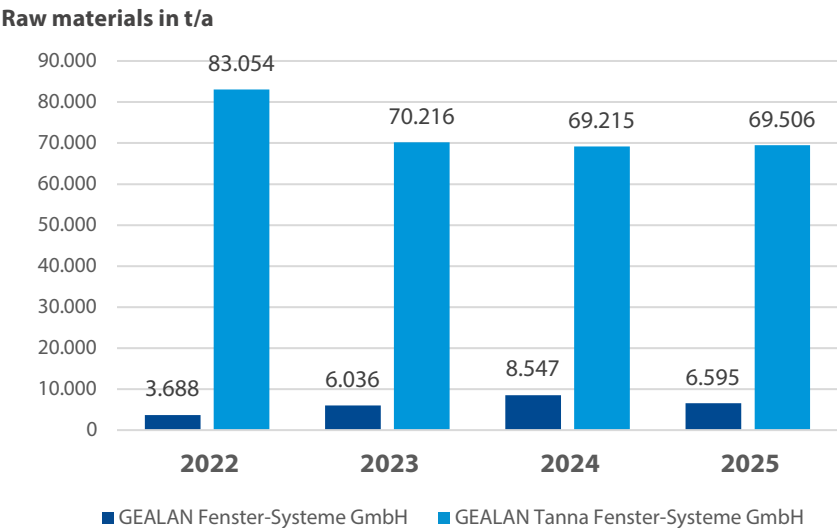
⁽⁶⁾ VOC emissions calculated before thermal afterburning.

⁽⁷⁾ Source: GEMIS 4.95 [calorific value / direct emissions (without upstream chains)], as of: 04/2017.

9. Environmental indicators (EMAS)

9.1. Raw materials

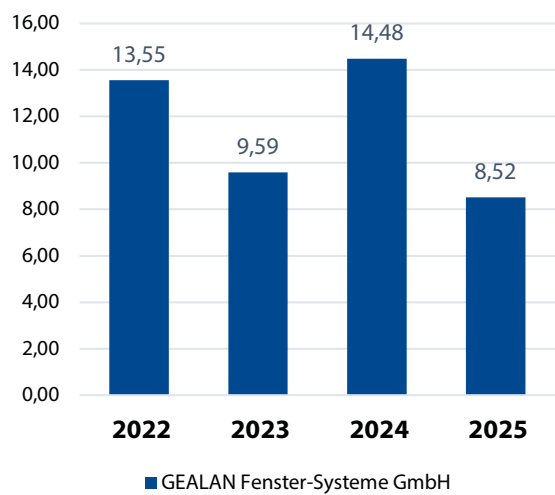
In 2025, approximately 23% fewer raw materials were processed at the Oberkotzau site than in the previous year. At the Tanna site, by contrast, the quantity processed remained almost constant and differs only slightly from the volumes recorded in 2023 and 2024.



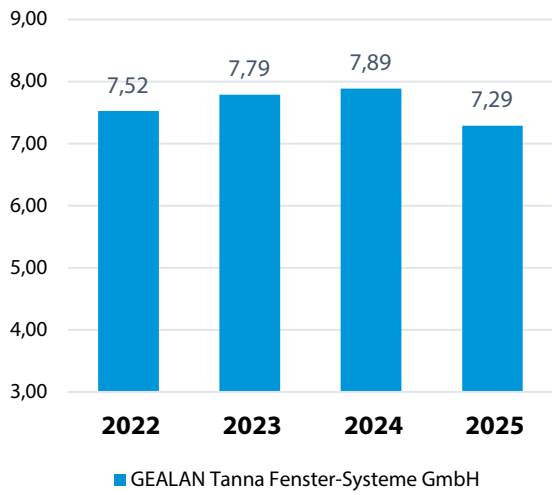
9.2. Auxiliary and operating materials

In 2025, consumption of auxiliary and operating materials decreased at the Oberkotzau site. At the Tanna site, consumption remained broadly in line with previous years, although a slight decrease can be observed.

Consumption of auxiliary and operating materials in kg/employee



Consumption of auxiliary and operating materials in kg/t of processed raw material

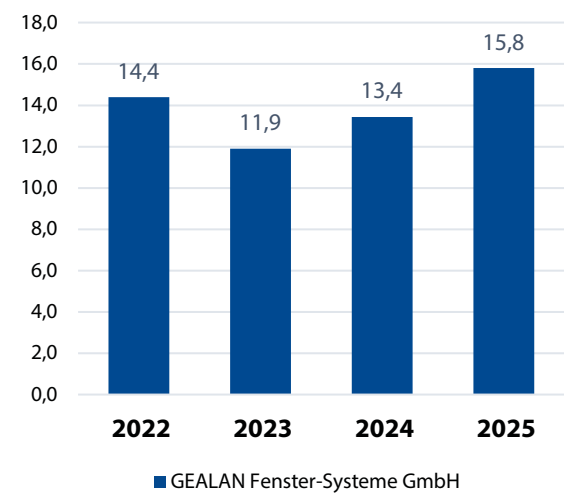




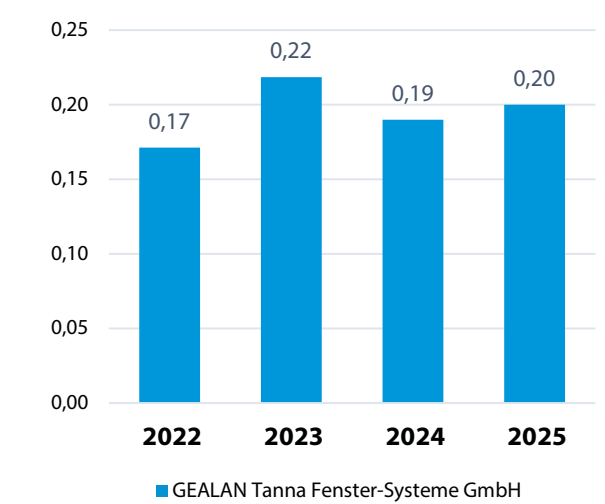
9.3. Water

At the Oberkottzau site, water consumption includes both domestic water and process water used in toolmaking. Compared with the previous year, water consumption increased slightly. At the Tanna site, the specific water consumption remained at a level similar to previous years.

Consumption of water in m³/employee



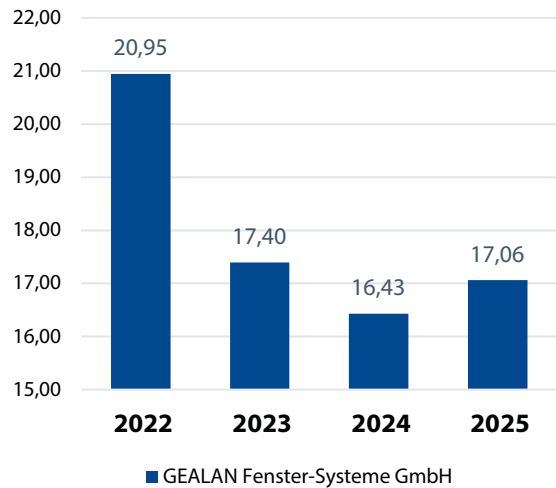
Consumption of water in m³/t of processed raw material



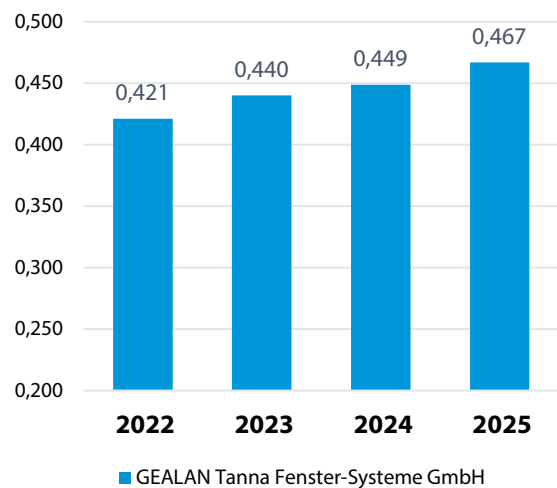
9.4. Energy

At the Oberkottzau site, energy consumption per employee increased slightly compared with the previous year. This was attributable to lower outdoor temperatures and increased heating demand. At the Tanna site, energy consumption per tonne of raw material also increased due to weather conditions.

Energy consumption in MWh/employee



Energy consumption in MWh/t of processed raw material



9.5. CO₂ emissions

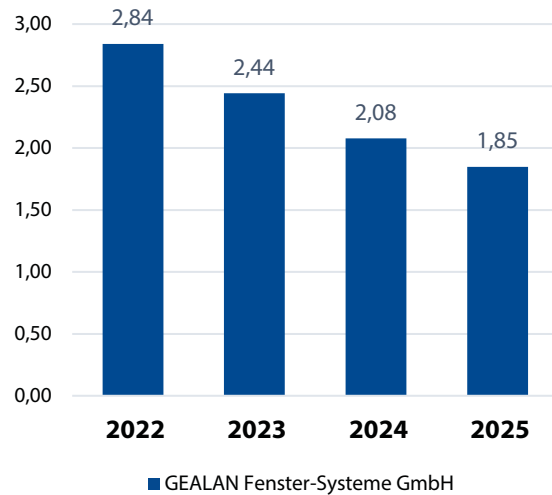
The determination of CO₂ emissions will in future be aligned with the Greenhouse Gas Protocol and reported accordingly within the categories Scope 1, Scope 2 and, in the longer term, Scope 3. The direct emissions previously reported separately from the consumption of natural gas, heating oil, liquefied gas and fuels are now allocated to Scope 1 emissions. Scope 2 emissions comprise indirect emissions from purchased energy.

The emissions reported in previous years therefore correspond broadly, in methodological terms, to today's Scope 1 emissions and Scope 2 emissions under the market-based approach. The change in methodolo-

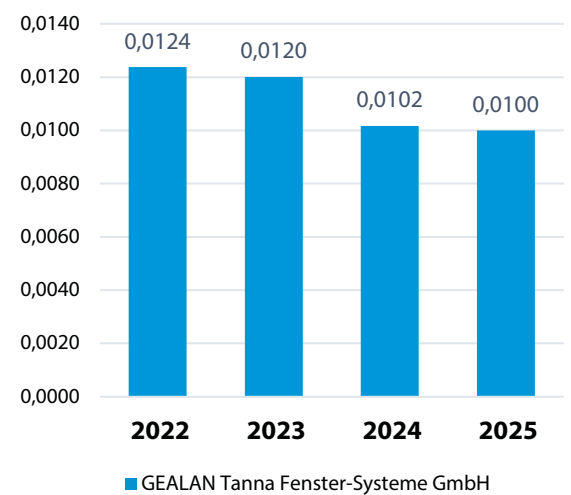
gy further improves the transparency and comparability of emissions data in line with international standards. As part of this methodological development, the underlying emission factors were reviewed and partially revised. This may result in deviations from previously applied data sources and should be considered when comparing figures with previous years.

In 2025, CO₂ emissions amounted to 1.85 tonnes per employee and 0.01 tonnes per tonne of raw material. The total calculated CO₂ emissions for both sites amounted to 1,380 tonnes of CO₂ equivalents.

CO₂ emissions in t/employee



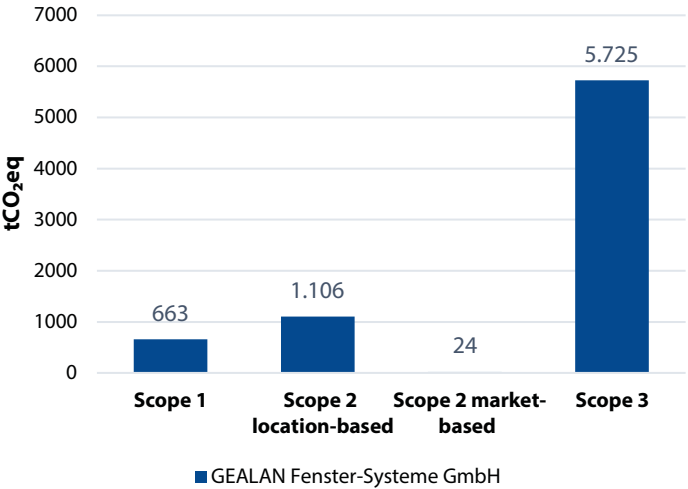
CO₂ emissions in t/t of processed raw material



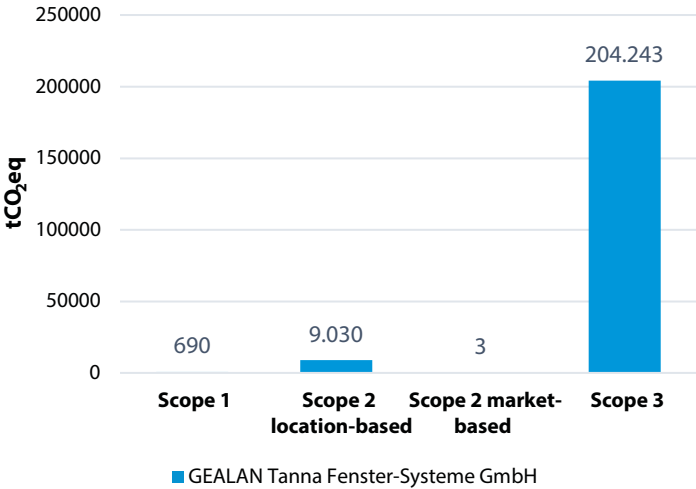
The breakdown of CO₂ emissions by scope is presented in the corresponding figures. The Scope 3 calculation currently includes the following categories:

- Category 1: Purchased Goods and Services
- Category 3: Fuel- and Energy-Related Activities
- Category 4: Upstream Transportation
- Category 5: Waste Disposal
- Category 6: Business Travel
- Category 7: Employee Commuting
- Category 10: Processing of Sold Products
- Category 12: End-of-Life Treatment of Sold Products

CO₂ emissions according to GHG-Protocol in t



CO₂ emissions according to GHG-Protocol in t



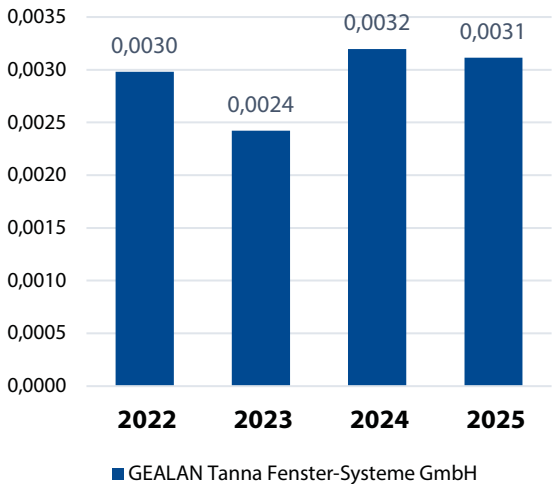
9.6. VOC-Emissions

The existing thermal afterburning (TAB) at the Tanna site is licensed under the German Federal Immission Control Act and is operated in accordance with regulatory requirements.

Specific VOC emissions (related to the square metre of decorative foil) are determined by production-related factors. These include, among other things, smaller batch sizes and the associated increase in cleaning processes on the lamination lines. Following a temporary decline in 2023, an increase has been observed again since 2024.

At 0.0031 kg VOC/m² in 2025, the value is comparable with the levels recorded in 2022 and 2024. Overall, specific VOC emissions remain within a moderate fluctuation range.

VOC emissions in kg/m² lamination foil



9.7. Noise

Environmental impacts during normal operation primarily include noise emissions generated by incoming and outgoing freight transport, company vehicles and employee vehicles.

Specific time windows have been established for delivery traffic and are adhered to accordingly. No complaints regarding noise have been received from residents at either EMAS site. Compliance with noise emission requirements is regularly monitored and documented through internal inspections.

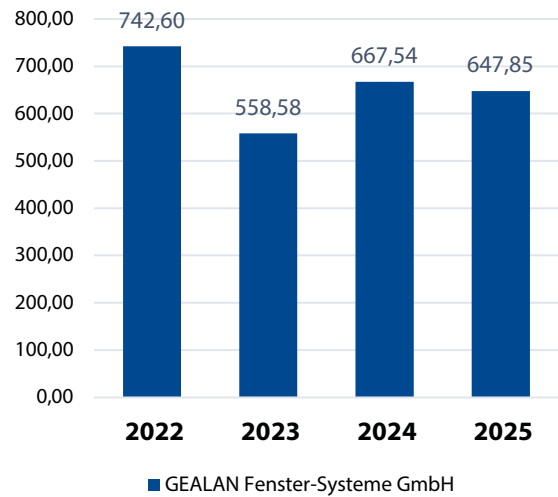




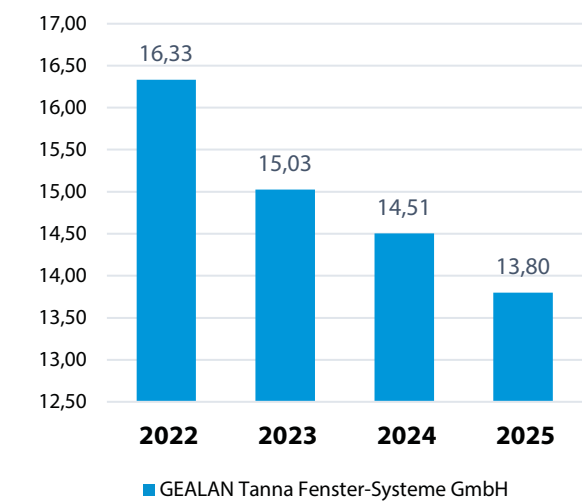
9.8. Waste – Non-Hazardous

Waste generated at the sites is collected separately and sent for regulated and monitored material recovery.

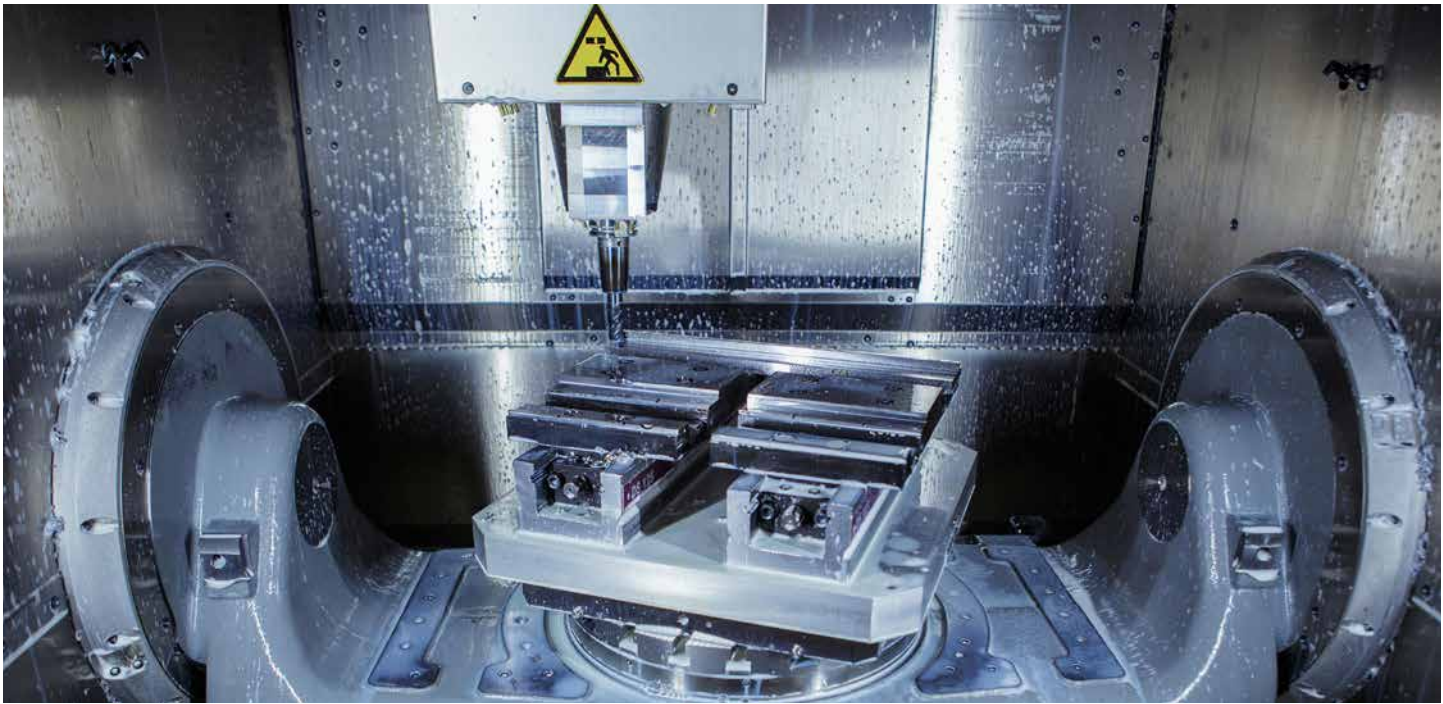
Non-hazardous waste in kg/employee



Non-hazardous waste in kg/t of processed raw material

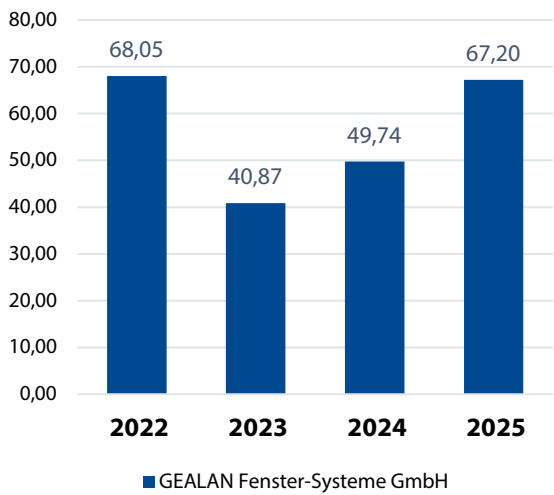


A slight decrease in non-hazardous waste generation was observed at both sites in 2025.

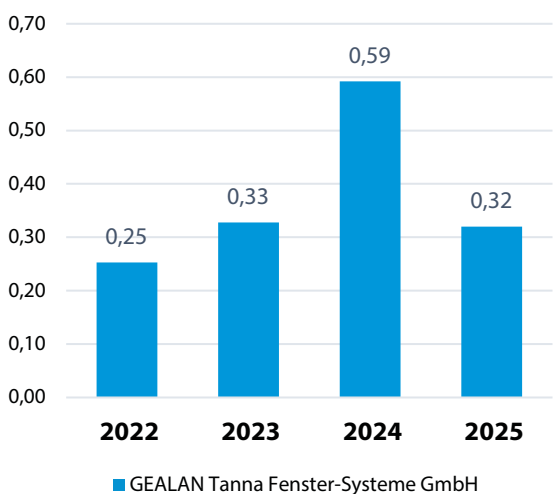


9.9. Waste - Hazardous

Hazardous waste in kg/employee



Hazardous waste in kg/t of processed raw material



Hazardous waste per employee at the Oberkotzau site increased compared with the previous year. At the Tanna site, a decrease can be observed. Hazardous waste quantities in Tanna therefore returned to a level similar to that recorded in the 2023 reporting year. The increase observed in 2024 at the Tanna site was attributable to compliance with maintenance intervals for oil and water separators.

10. EMAS core indicators (EMAS)

10.1. GEALAN Fenster-Systeme GmbH

INDICATORS	2022	2023	2024	2025
Raw materials (t)	3.688	6.036	8.547	6.595
Energy demand (MWh)	7.080	6.384	6.276	6.347
Energy efficiency MWh / t	1,92	1,06	0,73	0,96
Water (m³/t)	1,32	0,72	0,60	0,89
Water (m³/employee)	14,39	11,89	13,43	15,80
Waste non-hazardous (kg/t)	68,06	33,96	29,84	36,54
Waste hazardous (kg/t)	6,24	2,49	2,22	3,79
Biodiversity – degree of sealing in %	81,98	81,98	81,98	81,98
Total area (m²)	31.292	31.292	31.292	31.292
Sealed area (m²)	25.652	25.652	25.652	25.652
Near-natural area (m²)	5.640	5.640	5.640	5.640
Emissions				
CO ₂ (t / t) ⁽¹⁾	0,26	0,15	0,09	0,10
VCM (g / t)	0,52	0,31	0,09	0,86
SO ₂ (kg / t)	0,327	0,179	0,139	0,172
NO _x (kg / t)	0,731	0,403	0,300	0,382
PM ₁₀ (kg / t)	0,052	0,029	0,022	0,027
⁽¹⁾ Scope 1 and 2 emissions (market-based approach)				



10.2. GEALAN Tanna Fenster-Systeme GmbH

INDICATORS	2022	2023	2024	2025
Raw materials (t)	83.054	70.216	69.215	69.506
Semi-finished and finished goods (t)	82.660	68.881	68.623	69.103
Energy efficiency (MWh/t)	0,421	0,440	0,449	0,467
Material efficiency⁽¹⁾ (%)	99,53	98,10	99,14	99,42
Water (m³/t)	0,17	0,22	0,19	0,20
Water (m³/employee)	24,88	27,85	22,20	23,32
Waste non-hazardous (kg/t)	16,33	15,03	14,51	13,80
Waste hazardous (kg/t)	0,25	0,33	0,59	0,32
Biodiversity – degree of sealing %	85,06	85,19	85,83	85,83
Total area (m²)	121.626	121.626	121.626	121.626
Sealed area (m²)	103.457	103.609	104.396	104.396
Near-natural area (m²)	18.169	18.017	17.230	17.230
Emissions				
CO ₂ (t/t) ⁽²⁾	0,01	0,01	0,01	0,01
VCM (g/t)	0,83	0,98	0,82	0,82
VOC (t/t adhesive)	0,0240	0,0304	0,0246	0,0249
SO ₂ (kg/t)	0,123	0,128	0,130	0,134
NO _x (kg/t)	0,205	0,216	0,221	0,227
PM ₁₀ (kg/t)	0,015	0,016	0,016	0,016
⁽¹⁾ Material efficiency: Semi-finished and finished goods in t/t of processed raw material ⁽²⁾ Scope 1 and 2 emissions (market-based approach)				

11. Environmental and energy programme for the following year (EMAS)

11.1. Classification and strategic priorities

In the 2025 reporting year, the sustainability strategy of the GEALAN Group was further refined and structured. Based on the defined strategic fields of action, key topics were prioritised to serve as the basis for the future direction of measures and objectives. Prioritisation was carried out taking into account company-specific requirements as well as strategic and operational framework conditions.

For 2026, these prioritised topics will be translated into concrete measures within the Environmental and Energy Programme. Clear priorities are evident, particularly within the fields of climate and environmental protection, circular economy and resource efficiency, and responsibility within the value chain.

Within the field of climate and environmental protection, a key focus lies on the further development of climate management. Building upon the corporate carbon footprint initiated in the previous year, the methodology will be further developed during 2026 and used as the basis for deriving a group-wide climate strategy. At the same time, concrete measures for emissions reduction will be implemented, particularly in relation to fleet management, energy consumption and material-related CO₂ optimisation.

A further priority within this field of action is the prevention of plastic losses in order to reduce microplastic emissions. While analytical approaches were the main focus in the previous year, 2026 marks the transition towards systematic implementation. A structured management system for measures and risks will be established to address both the prevention of microplastic emissions and compliance with regulatory requirements, particularly those arising from REACH and the Pellet Loss Regulation.

Within the field of circular economy and resource efficiency, in addition to regulatory developments, the optimisation of internal material cycles will become a pri-

ority in 2026. A key project is the construction of a new processing hall at the Tanna site. The objective is to consolidate material processing activities currently distributed between the Tanna and Oberkotzau sites into a single location. Centralising material processing is expected to reduce internal transport activities, simplify logistics and further improve resource efficiency. At the same time, transport-related energy consumption and emissions will be reduced.

In addition, preparations for the requirements of the Packaging and Packaging Waste Regulation (PPWR) will introduce structured approaches to ensuring future packaging compliance. This includes both the analysis of regulatory requirements and the establishment of the necessary data and documentation structures as a basis for further implementation phases.

Within the field of responsibility within the value chain, the provision and structuring of product information is becoming increasingly important. Against the background of future regulatory requirements, particularly in relation to the Digital Product Passport, the focus in 2026 will be on establishing the corresponding data and process structures. The objective is to create the conditions necessary for transparent and traceable product information throughout the value chain and to further develop GEALAN's role as a provider of product data for customers.

Overall, the environmental and energy programme 2026 represents a clear progression compared with the previous year. While 2025 focused primarily on establishing conceptual and analytical foundations, emphasis is now shifting towards operational implementation, the systematisation of processes and preparation for new regulatory requirements.

The objectives and measures derived from these priorities are set out in the environmental and energy programme 2026 below.

11.2.Environmental and energy programme 2026

The goals and measures defined for the coming year are summarized in the 2026 environmental and energy programme. They are based on the identified environmental aspects (see Chapter 4.7) and on the further development of existing programmes.

The measures are also aligned with the strategic fields of action further developed during the reporting year (see Chapter 2). Not all fields of action are addressed equally; selection is based on current priorities and feasibility.

Field of action	Target	Measure / project	Expected benefit / improvement	Target data
Climate and environmental protection	Create transparency regarding greenhouse gas emissions and develop the basis for a climate strategy	Preparation of a Corporate Carbon Footprint for all GEALAN sites (Scope 1, 2 and partially 3)	Identification of CO ₂ reduction potential and derivation of a Net Zero climate strategy	12/2026
	Reduction of CO ₂ emissions in the vehicle fleet	For new acquisitions, only battery-electric cars will be considered. Vehicles with combustion engines will no longer be newly acquired.	Reduction of CO ₂ emissions by approx. 538t CO ₂ e p.a. by 2030 (base year 2023)	12/2027
	Reduction of emissions from energy use	Coverage of 25% of heating demand through renewable energy sources (e.g. heat pump, green electricity)	Reduction of energy-related emissions	12/2027
	Prevention of plastic losses to reduce microplastic emissions and implement regulatory requirements	Development and implementation of a measures and risk management system to prevent pellet losses along the value chain (including requirements from REACH and Regulation (EU) 2025/2365)	Reduction of microplastic emissions, ensuring regulatory conformity	11/2027
	Reduction of the CO ₂ footprint of raw materials	Testing of CO ₂ -optimised chalk	Reduction of CO ₂ emissions in material use	12/2026
Circular Economy and Resource Efficiency	Ensuring regulatory conformity of packaging in accordance with PPWR (EU) 2025/40 in the initial implementation phase	Systematic analysis, development of data structures and implementation of initial measures to meet the requirements of the PPWR (particularly conformity assessment, documentation, EPR requirements and preparation for design requirements)	Ensuring the marketability of packaging, avoiding regulatory risks and preparing for future requirements (recycled content quotas, recyclability, labelling)	08/2026
	Optimisation of internal material processing processes	Construction of a central processing hall at the Tanna site and gradual relocation of material processing from the Oberkotzau site to Tanna	Reduction of cross-site material transport, reduction of transport-related CO ₂ emissions and increased efficiency through bundling of processing processes at one site	12/2028
Responsibility in the Value Chain	Transparency and development of regulatory DPP readiness to ensure the transparency and traceability of product information in accordance with future EU requirements (particularly CPR / ESPR)	Development of structured data and information processes in preparation for the Digital Product Passport (DPP) and further development of product labelling, taking regulatory requirements into account (e.g. CPR, REACH)	Ensuring future regulatory conformity, improving data availability along the supply chain and preparation for digital product information systems (DPP)	12/2028

12. Declaration of validity

Declaration of the environmental inspector on assessment and validation processes

The undersigned EMAS environmental inspector Dipl.-Ing. (FH) Jürgen Schmallenbach (DE-V-0036), accredited or licensed for the sector Manufacture of PVC products 22.2 (NACE code), confirms to have verified whether the sites of GEALAN Fenster-Systeme GmbH in Oberkottzau and GEALAN Tanna Fenster-Systeme GmbH in Tanna – as indicated in the environmental statement with registration numbers (DE-S-106-00003) and (DE-S-154-00004) – meet all requirements of Regulation (EC) No. 1221/2009 of the European Parliament and of the Council of 25 November 2009 and Commission Regulation (EU) 2017/1505 of 28 August 2017 as well as Commission Regulation (EU) 2018/2026 of 19 December 2018 on the voluntary participation by organisations in a Community Eco-Management and Audit Scheme (EMAS).

By signing this declaration, the environmental inspector confirms that

- the assessment and validation was carried out in full compliance with the requirements of Regulation (EC) No 1221/2009, Regulation (EU) 2017/1505 and Regulation (EU) 2018/2026,
- the result of the assessment and validation confirms that there is no evidence of non-compliance with applicable environmental legislation,
- the data and information in the sites' environmental statement depict a reliable, credible and true scenario of all the activities of the organisation/sites within the scope stated in the environmental statement.

This statement cannot be equated with an EMAS registration. EMAS registration can only be carried out by a competent body in accordance with Regulation (EC) No 1221/2009. This statement may not be used as a stand-alone basis for public information.

Oberkottzau / Tanna / Maselheim, 08.06.2026



Dipl.-Ing. (FH) Jürgen Schmallenbach
Environmental Inspector (DE-V-0036)

Schmallenbach - CONSULTING & CERTIFICATION
Äpfinger Berg 3
D-88437 Maselheim



Publication dates

This environmental statement was approved by the management board in June 2026 and submitted to the environmental inspector for validation. It is published in an updated form annually and is reviewed and declared valid by the environmental inspector. The next updated environmental statement will be published in June 2027.

Glossary

GEALAN-acrylcolor®	In the colouring process, the PVC base is fused indissolubly with the coloured acrylic glass
GEALAN-LINEAR®	Profile system with 74 mm construction depth
GEALAN-KONTUR®	Profile system with 82.5 mm construction depth
GEALAN-SMOOVIO®	Sliding system with 74 mm construction depth
TEXINO	Smart home solution that can be connected with windows and doors to control the indoor climate
DIN EN 14001:2015	German version of the International ISO Standard entitled: 'Environmental management systems – requirements with guidance for use' (ISO 14001:2015)
EMAS III, EG-VO No 1221/2009	Eco Management and Audit Scheme stands for the voluntary commitment of companies and organisations to improve the environmental protection of their operations
Emissions	Substances, noise, heat, cold emitted to the environment
Scope 1	Direct emissions
Scope 2	Indirect emissions from purchased energy
Scope 3	Other indirect emissions across the value chain
CO ₂ -Äquivalente (CO ₂ eq)	A unit of measurement used to compare different greenhouse gases based on their global warming potential.
GHG Protocol	International standard for greenhouse gas accounting
Post-Consumer / Post-Industrial	Materials derived from consumer waste or production waste.
Corporate Carbon Footprint (CCF)	Overall greenhouse gas emissions of a company within defined system boundaries.
Market-based Ansatz	Calculation of emissions based on contractual energy purchases (e.g., green electricity).
Location-based Ansatz	Calculation of emissions based on average emission factors for the power grid.
PVC	Polyvinyl chloride
PMMA	Polymethyl methacrylate (acrylic glass), a transparent plastic used for surface coatings
TAB	Thermal afterburning
VCM	Vinyl chloride monomers
VOC	Volatile organic compounds
NO _x	Generic term for a group of highly reactive gases all containing nitrogen and oxygen in different quantities [such as nitrogen monoxide (NO) and nitrogen dioxide (NO ₂)]
PM ₁₀	Particulate matter with an aerodynamic diameter of 10 micrometers or less (µm)
SO ₂	Sulphur dioxide
Extrusion	Method for manufacturing plastic profiles by continuous extrusion through a die
Granulation	Shredding and processing of plastic into reusable pellets
Recycled material	Reclaimed plastic from recycling processes that is reused in production
Bio-attributed PVC	PVC in which fossil-based raw materials are replaced by renewable or bio-circular raw materials (mass balance method)
ISCC plus	Certification system for tracking sustainable raw materials throughout the supply chain
Auxiliary and operating materials	Substances that are required in the production process but are not part of the final product (e.g., cleaning agents, lubricants)
Circular economy	An economic system designed to keep resources in circulation for as long as possible through reuse and recycling
Value chain	All stages of the process, from raw material extraction to the finished product and its disposal
Sustainability Ambition 2030	GEALAN's sustainability strategy with defined areas of action through 2030
SDGs (Sustainable Development Goals)	The United Nations' 17 global sustainability goals
Design for recycling	Product development approach to improving recyclability through appropriate material and design choices
Operation Clean Sweep (OCS)	Industry initiative to prevent plastic loss and microplastic emissions
Microplastic emissions	Release of microplastic into the environment
PPWR	Packaging and packaging waste regulation: EU regulation on packaging and packaging waste, setting requirements for recyclability and sustainability
REACH	EU chemicals regulation on the registration, evaluation, and authorization of chemicals
Digital Product Passport (DPP)	A digital dataset containing information about a product's materials, origin, and sustainability