Innovative construction technology
and support for the future

SIHGA® sustainability summary

Sustainability Report 2024
in accordance with EU VSME standard

Further details
on our website

Take responsibility.
Make a difference.

SIHGA® stands for precision in the details and effectiveness within the system.
As specialists in innovative construction technology with a focus on the future, we support modern timber construction methods that can help to sequester carbon over the lifetime of a building and reduce the use of CO_2-intensive building materials. At the same time, we take responsibility for our own emissions, invest continuously in technologies and are constantly refining our processes, products and corporate culture.

With VSME reporting, we are taking the next step towards transparency and demonstrating how sustainability is conceived and implemented at SIHGA® throughout the entire value chain.

#VSME-REPORTING

Responsibility in the details – impact on the system

How our connection technology can support modern timber construction

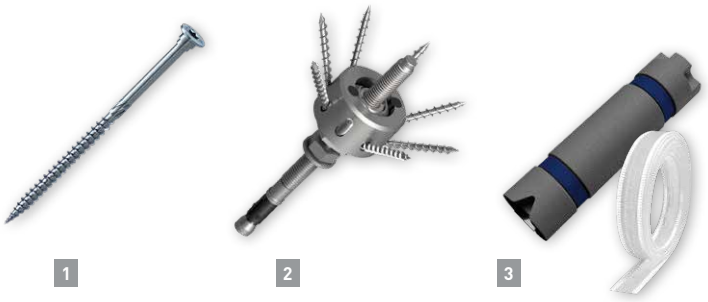
Timber construction can help to store carbon throughout a building's lifespan and reduce the use of high-emission building materials. SIHGA® supports this development with innovative and certified fastening solutions for façade, decking, concrete and timber construction projects.

SIHGA® Monitorix® digital monitoring system for timber and mineral construction enables the early detection of moisture ingress. This allows damage to be identified at the very outset and appropriate measures to be taken before larger sections of the structure are affected. This can reduce the cost of refurbishment, extend the service life of structures and support the responsible use of materials and buildings. Selected system solutions – such as Modulix® – are designed to be easily dismantled and reused, thereby supporting a circular approach to construction.

Around 80 per cent of our product range is manufactured in Austria and Germany. Our collaboration with regional partners helps to minimise transport distances.

Another key focus is on innovative system solutions such as:

1. **GoFix® MS II** – Timber construction screws with an EPD and a planned screw recall
2. **Modulix®** – Dismantlable connection solutions
3. **Monitorix®** – Digital moisture monitoring for timber and mineral construction



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Right from the product development stage, we pay attention to:

- efficient use of materials
- Dismantlability and reusability of selected system solutions
- Support for durable structures
- Use of recyclable materials
- resource-efficient packaging solutions (e.g. SIHGA® objektpack)

Carbon Footprint 2024

4.483 tCO_2e

(tonnes of CO_2 equivalents)

Scope emissions

Scope 1: Direct emissions from the company's own sources (e.g. company vehicles, heating systems).

Scope 2: Indirect emissions from the generation of purchased energy (e.g. electricity, district heating).

Scope 3: All other indirect emissions from the value chain (e.g. purchased materials, waste disposal, product use).

Transparency about what we do

What we measure, reduce and improve

For SIHGA®, sustainability is not just about our approach, but also about transparency regarding our measures and key performance indicators.

In the 2024 financial year, the total carbon footprint amounted to 4,483 tCO_2e. The vast majority of this is attributable to **Scope 3 emissions** from purchased materials such as steel, stainless steel, aluminium and plastics. The carbon footprint was calculated in accordance with the guidelines of the Greenhouse Gas Protocol.

Our measures to reduce:

- Expansion of the photovoltaic system at the Ohlsdorf site
- Conversion of the vehicle fleet to electric vehicles
- Use of renewable energy sources
- Resource-efficient packaging solutions
- Collaboration with suppliers to develop Product Carbon Footprints (PCFs)

In addition, we are continuously investing in measures to improve the energy efficiency of our processes, as well as in digital solutions.

A key aspect of our business model is supporting modern timber construction methods. As a result, our systems can help to reduce the use of CO_2-intensive building materials in suitable applications.

Safety, quality and responsibility in construction

For us, responsibility also means reliability

SIHGA® combines technical safety, high-quality consultancy and responsible business practices.

Our customers benefit from:

- 10 technicians with expertise in structural engineering
- intensive project support
- training courses at the SIHGA® Academy
- on-site consultations at building sites
- comprehensive user and installation guides

Through specialist seminars, training courses and digital learning resources, we impart the knowledge required for the safe and durable implementation of modern timber construction projects.

In doing so, we adhere to a clear principle:

Technical safety through tested and approved products.

People, Culture and Development

Responsibility begins within one's own company

Our staff are the foundation of our success. That is why we make targeted investments in further training, health, modern leadership and a long-term corporate culture.

In 2024, SIHGA® had 86 employees in Austria. All employees were on permanent contracts during the reporting year.

Our key initiatives include:

- regular employee surveys
- training and professional development programmes
- leadership development
- technical training
- health and safety measures
- an open culture of feedback and communication

In the 2024 reporting year, there were no reportable accidents at work. The ongoing development of our corporate culture is an integral part of our commitment to responsible business practices.

Innovation and recognition

as a result of substance

Long-term quality, innovative strength and responsible conduct are the hallmarks of our corporate identity.

Numerous awards attest to the success of this approach, including:

- Austrian State Prize for Digitalisation
- Austria Quality Mark
- Austria's Leading Companies
- WKO ineo Exemplary Training Company
- Leading Company in Austria and Germany

We do not view these accolades as an end in themselves, but rather as the result of consistent development and collaborative partnership.

All our awards can be found on our website at:
https://www.sihga.com/en/about-sihga/awards/

VSME reporting
as the next step in development

Walk the Talk
With the VSME Sustainability Report, SIHGA® establishes a transparent framework for customers, partners, employees and financial institutions.

Our commitment is clear:
- To make progress measurable
- To document our accountability in a transparent manner
- To consistently develop our sustainability goals
- To actively support future-proof timber construction

We view sustainability not as a one-off measure, but as a long-term development process – across the entire value chain

TAKE THE BEST

SIHGA® – Innovation. Responsibility. Future in timber construction.

Key figures in detail
2024 Sustainability Report in accordance with the EU VSME standard (1 January 2024 to 31 December 2024)

private limited liability company B1 – type and legal form	**15.515.933 €** B1 – net turnover	**86** B1 – employees	**Austria** B1 – country of primary operations
4.483 tCO_2e total B3 – greenhouse gas emissions	**640 MWh total** B3 – energy consumption	**4.225 m^2** B5 – total sealed area	**176 m^3** B6 – water withdrawal
4,29 tons total B7 – generation of waste	**100 %** B8 – number of permanent employment contracts	**34 % + 66 %** B8 – gender breakdown of employees (female / male)	**0** B9 – recordable work-related accidents and fatalities

0 B11 – convictions and fines for corruption and bribery	**1 : 3** C5 – female-to-male ratio at management level	**0** C7 – Serious negative incidents relating to human rights

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