

Scheurich-Group 

 scheurich

formwerk

 SK
SOENDENKERAMIK



FOCUS ON THE FUTURE

SUSTAINABILITY STATEMENT 2022



CLIMATE CHANGE concerns us all.

Whether we want to admit it or not, climate change is here and we as a society are called upon to find solutions. Due to our lifestyle and the growing global economy, carbon dioxide emissions continue to increase - in contrast, the global „climate budget“ has already been exhausted. So what can be done?

In the UN's Paris Agreement on Climate Change, the international community committed itself to limiting global warming to well below 2°C, and if possible even to 1.5°C above pre-industrial levels. This requires a significant reduction in CO₂ emissions by the year 2050.

What does this mean for the Scheurich-Group?

We are committed to the 1.5 C° target and see it as our social as well as corporate duty to do our utmost to achieve it.

We want to achieve carbon neutrality by 2035 in all our sites.

With this ambitious commitment in mind, we are giving top priority to improving efficiency of our factories, replacing CO₂ in energy and raw materials and realising sustainable investments in our comprehensive sustainability strategy.

WE TAKE UP the challenge.

Many companies are not yet actively dealing with their carbon footprint and have neither set targets nor developed an action plan. Environmental awareness and sustainable value creation have always been a central focus of our mission statement. We want to live up to this to live up to this claim in the future as well.

Where does the Scheurich-Group stand?

All three companies in the group have been dealing with the topics of sustainability and climate neutrality for many years in interdisciplinary teams as part of energy management. We are proud of the many achievements and projects that have already

been implemented. Forward-looking investments in our own energy generation with photovoltaic systems, a combined heat and power plant and a new kiln with state-of-the-art firing technology, which is also - also suitable for the use of hydrogen - are just a few successful measures of our transformation concept on the way to climate neutrality.

For all our ambitions in this direction, it is important for us not to view economic growth and climate neutrality as contradictory, but congruent.

That is why we are working towards our goal with a clear strategy and a comprehensive catalogue of measures: we will be climate neutral in our sites by 2035.

formwerk

Neukirchen | plastic prod.

founded 1988
120 employees

Gelsdorf and Adendorf

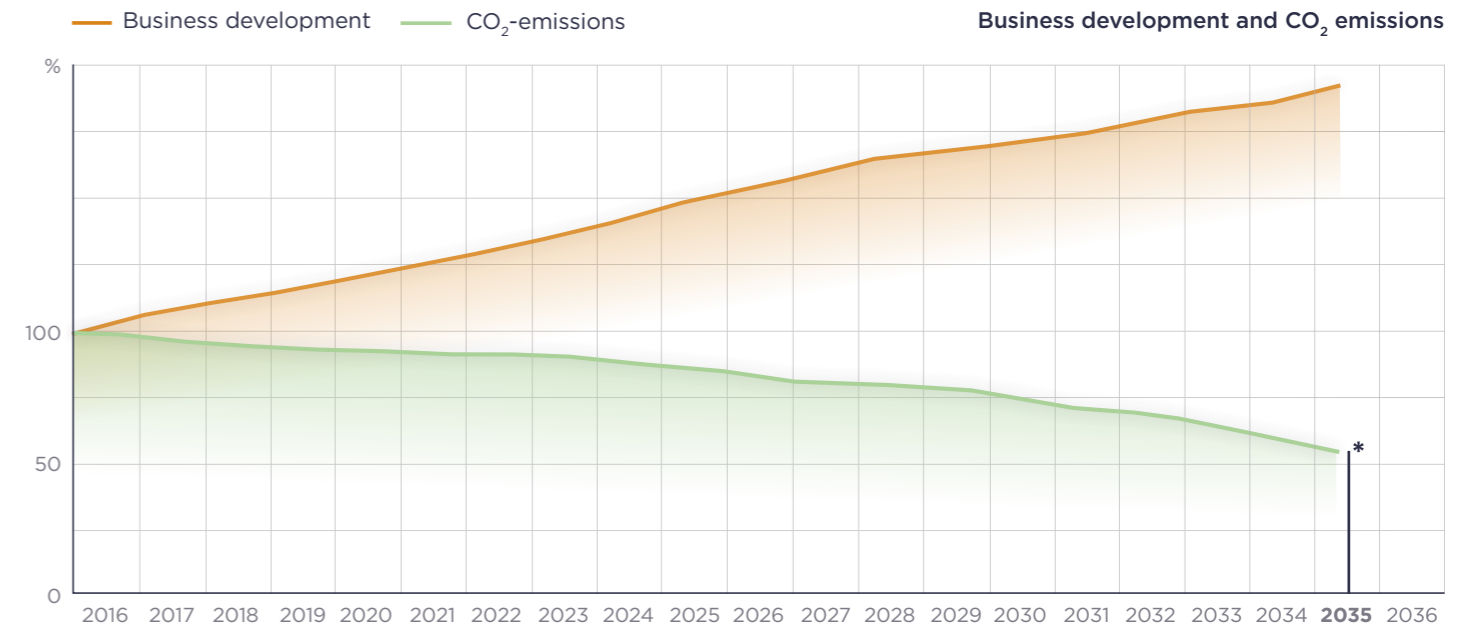
founded 1893
230 employees

Kleinheubach | ceramic prod.

founded 1928
350 employees

60 Mio.
Pots/Year

10.000
customers
in more than 80 countries



*Currently remaining gap, which we will close with climate protection projects and further measures.

We want to achieve carbon neutrality by 2035.

We want to be carbon neutral in our sites by 2035. In detail, this means:

- Driving significant progress along the value chain (recycling, recyclability).
- Obtaining 100% of our electricity from renewable sources or generating it ourselves.
- Reduce fossil fuels steadily and replace them with CO₂-free alternatives (e.g. green hydrogen).
- Increasing the proportion of recycled materials in our products = reducing the depletion of raw materials.

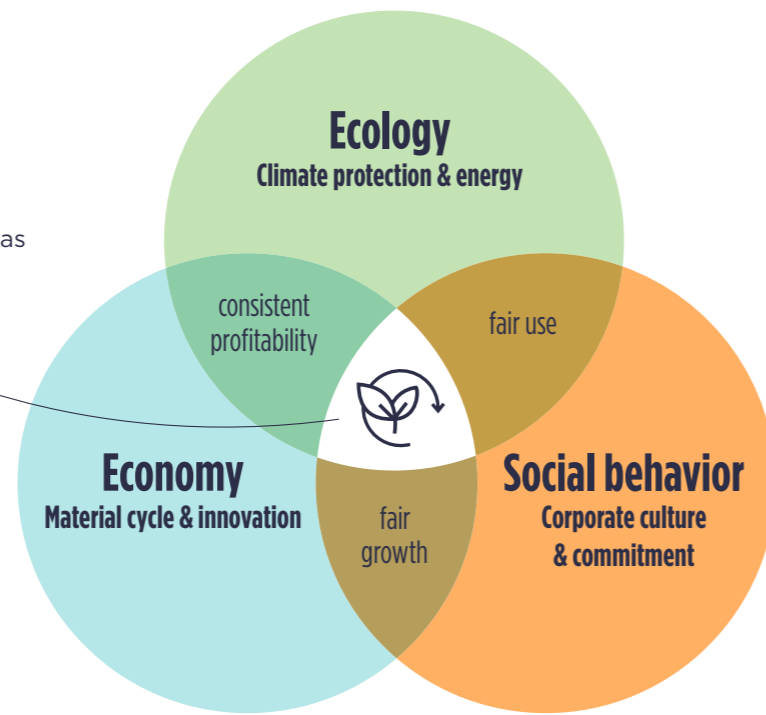
GROW ECONOMICALLY & BECOME CARBON NEUTRAL:

Carbon neutrality means having a balance between emitting carbon and absorbing carbon from the atmosphere in carbon sinks. In order to achieve net zero emissions, all worldwide greenhouse gas (GHG) emissions will have to be counter-balanced by carbon sequestration.

Source: www.europarl.europa.eu/news/en/headlines/society/20190926STO62270/what-is-carbon-neutrality-and-how-can-it-be-achieved-by-2050

Three areas - one basis:
sustainability

We implement forward-looking measures as well as large and small projects within our companies in three areas.



OUR PATH TO
carbon neutrality.



Having ambitious climate targets is one thing - but we don't want to engage in short-term reaction. For us as the Scheurich-Group, it is important to be able to map investments in an economically sensible way in every case. Only steady growth guarantees that we can invest step by step in the development of ecologically compatible products and in corresponding measures.

In addition, we would like to involve our employees at our locations, because only together can the successful planning, development and implementation of each project succeed.

» Rather than greenwashing, we will intensify our measures and make improvements in investments to achieve our goals. «

» Every measure must make sense ecologically AND economically. Carbon neutrality should not be at the expense of our businesses. «

SALES RETAIL
SCHEURICH, SOENDGEN,
FORMWERK

Ralf Rammo
Managing Director



MATERIAL CYCLE & INNOVATION

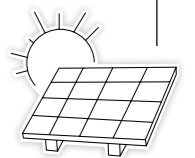
In the area of **material cycle and innovation**, we include the procurement of operating and auxiliary materials, product development and processing, as well as shipping and handling.

We work in interdisciplinary teams to develop alternative production processes, the optimisation of material consumption and the reduction of packaging.



CLIMATE PROTECTION & ENERGY

The area of **climate protection and energy** currently has the most attention. How can we cover energy needs sustainably, switch to renewable energies, significantly reduce the CO₂ footprint of our plants? These and similar questions urgently need to be answered.



CORPORATE CULTURE & COMMITMENT

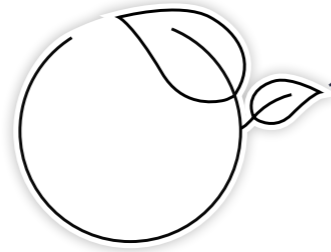
A good **corporate culture** is the basis for achieving our ambitious goals. A lived value orientation and the satisfaction of our employees are at the top of the sustainability agenda. This area also takes care of the implementation of our local responsibility by promoting social and environmental projects in the region.



SALES PROFESSIONAL
SOENDGEN, FORMWERK

Ralf Schwinn
Managing Director

MATERIAL CYCLE & innovation.



A central task in the area of material and innovation is the careful use of raw materials and resources. Another essential goal is to continuously increase the efficiency and modernise the plants in order to reduce the CO₂ footprint here as well.



Always on the lookout for alternative production methods, Soendgen also proves that innovative ideas can be implemented in the upstream manufacturing processes. In plaster mould production, for example, it has been possible to reduce raw material requirements by up to 50 % in some cases, thus saving not only valuable drying energy for the environment, but also a great deal of weight handling for our employees.

» Sustainable production stands and falls with the efficiency of the equipment. We have optimised production machines for every product type. Thanks to our multi-component technology and ball rotation, we are ahead of the game when it comes to resource efficiency. «

Innovative and efficient is the **rotational moulding process** used in our plastic production. Up to 30% energy savings and up to 60% shorter production times are possible.

Also our plastic products are already 100% recyclable. An ever-increasing proportion of the material used is obtained from the renewable materials. Some products are made from up to 100% post-consumer recycled material.

Plastic waste from production is processed in the company's own recycling plant and completely recycled into the production of new products.



The loss-free reuse and recycling of our raw and operating materials is at the top of the agenda at our plant in Kleinheubach. For example, here at Scheurich, all clay residues produced in our blank production are 100% recycled back into the material cycle, thus conserving valuable natural resources. In addition, high-quality operating materials, such as coolants and lubricants, are processed after use and fed back into the production processes.

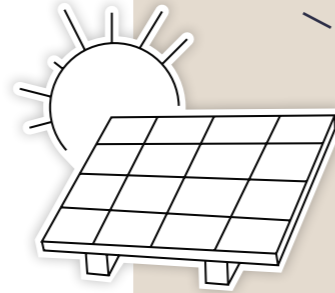


PRODUCTION AND LOGISTICS
FORMWERK

Patrick Schickedanz

Managing Director

CLIMATE PROTECTION & energy.



We have been conserving resources for some time: We source the majority of our raw materials from the region; we use rainwater in clay production and closed water cycles in production. Finally, we use packaging materials extremely sparingly and do without plastic films and filling materials as much as possible.

» We see sustainability not only as a necessary contribution to climate protection, but also as a crucial success factor within our industry. «

At the end of 2021, we installed another new production line including the kiln and produce up to 4 million ceramic planters per year, depending on the size. The waste heat from the oven is used to preheat the pots, as is the case with all our production lines. This is an important part of our energy concept!



PRODUCTION AND LOGISTICS
SOENDGEN, SCHEURICH
Marcus Grothaus
Managing Director



The successful energy refurbishment of our almost 100m long tunnel kiln in 2021 has made a significant contribution to our CO₂ reduction.

With this optimisation step in control and process technology, we have already come a big step closer to our ambitious plans for carbon neutrality in the plants. And: Soendgen has been included in the group of applicants for the **Energy Efficiency Award 2022**.



Soendgen is pursuing the ambitious plan to build a total of three photovoltaic units.

Creating synergies and using them as efficiently as possible: Scheurich and Formwerk have already been using large-scale photovoltaic systems have been in use for many years and will be further successively expanded in the future. With an area of 4,000 m² on all buildings, we generate electricity that we need for our production. With our planned warehouse expansion, we will put another 7,000 m² of photovoltaic surface into operation. This will bring us very close to a completely self-sufficient production.





„beefuture“ bee colony at Scheurich



Soendgen supports Plant-My-Tree projects

The key to a sustainably successful group of companies is the workforce. We are proud of the long-standing loyalty of our employees. Know-how and competence are the key to our success.

Continuously expanding this knowledge and personal development are important to us. Internal programmes to promote young employees, such as Fit For Future, are just as much a part of our offerings as further training in the individual specialist areas, from studies to master school.



Fit For Future team 2022



Clean-up day at the river Ahr



"SolidAHRity" in the Ahr Valley

Cooperation with local and supra-regional partners on the topic of sustainability as well as regular action days promote employee commitment.

CORPORATE CULTURE & commitment.



Every sustainability project thrives on the commitment of interdisciplinary teams. In regular project meetings, new ideas emerge that are also put into practice. Sustainability is thus an integral part of our daily activities.

Code of Conduct

Our responsibility naturally also includes zero tolerance of child labour, discrimination, exploitation and environmental hazards or destruction: with our Code of Conduct, we commit our suppliers to share this responsibility and to implement it in accordance with the standards set by the United Nations and other internationally recognised organisations.

SMALL STEPS - BIG IMPACT

In the factories, we are gradually establishing the „paperless office“, doing away with disposable packaging as far as possible and using lighting motion detectors in many building areas. And that is just the beginning ...

GROWING TOGETHER - and going further.

We have accepted the challenges of sustainability and climate neutrality with the knowledge that the future will place many more demands on us as a group of companies.

In the area of plastics production, we see our opportunities to further increase the recycling share in our products.

Closed cycles in production, the elimination of unnecessary packaging and the expansion of alternative energy use are also on our agenda.

In ceramics production, we continue to pursue the stringent path of minimising CO₂ emissions in order to live up to our responsibility for sustainable value creation in the future as well.

The Scheurich-Group is in an excellent position. With know-how, commitment, innovative strength and the necessary optimism to be able to operate successfully and sustainably now and in the future.



together
for a strong
future.

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