



THERMAL SYSTEMS

Climate Solutions

the way to carbon neutral



CO₂
neutral

Energy efficiency

We care about the environment

The field of energy is one of the most relevant topics affecting the economy. Regardless of whether we are talking about competitiveness, social responsibility or cost savings, managing energy usage is one of the most complex challenges for all companies nowadays.

As an international company, Rehm Thermal Systems acts on its responsibility to implement sustainable resource management. Environmental awareness means taking responsibility for our products throughout their entire life cycle.

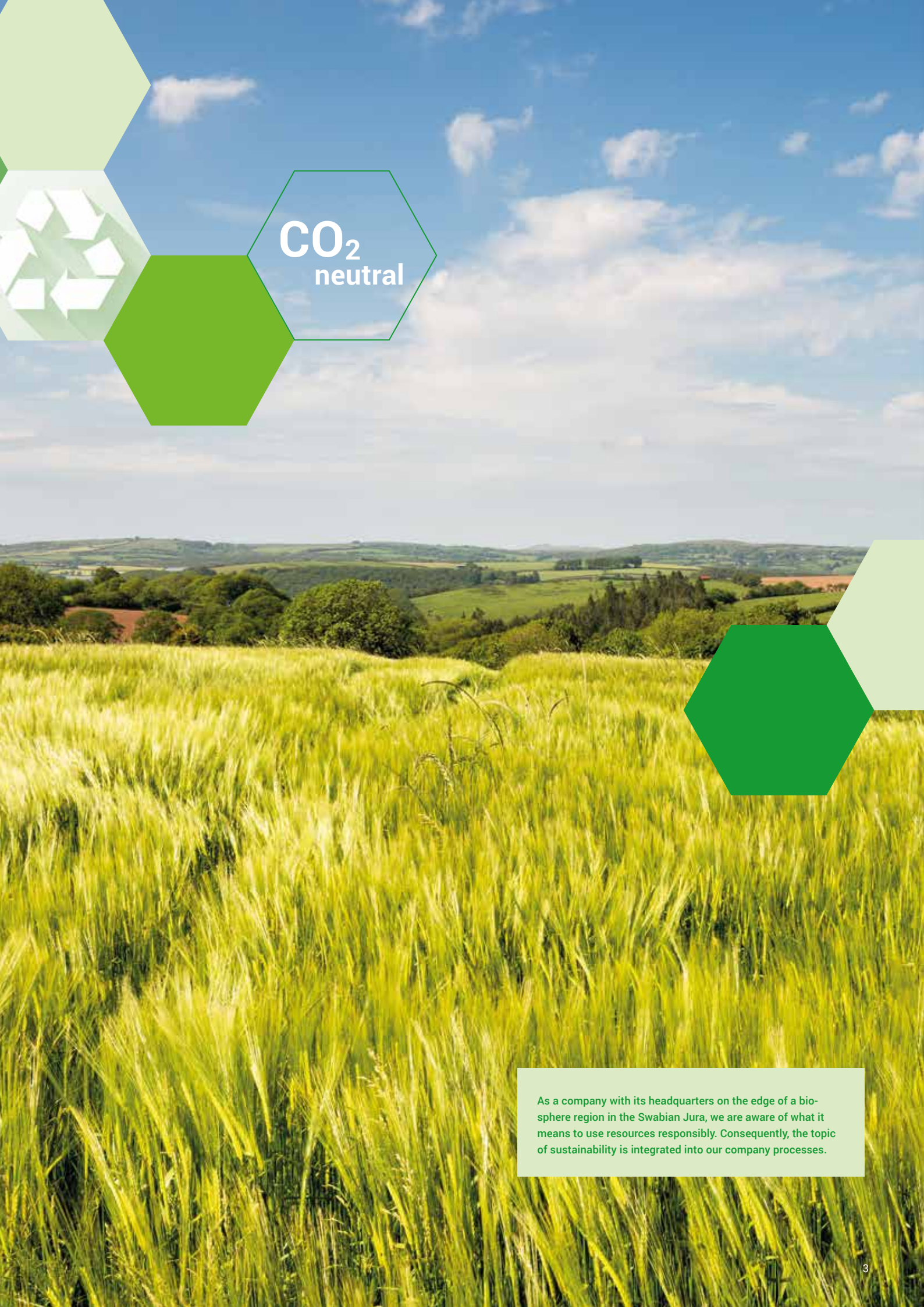
Save the future: Working to protect nature and our climate

Our energy use concept combines efficient technologies and expertise with the demands of a modern manufacturing company. Here tradition meets globalisation – we use raw materials from local suppliers to create systems that hold their ground on the global market. Low material consumption, reliable recycling of the recyclable materials and short transport pathways – i.e. we manufacture in Germany for Europe and in China for the Asian market – make Rehm stand out from the crowd. High-quality, durable systems with low energy consumption and minimal emissions are the foundation of our system development and manufacturing. Both the environment and our customers profit from our work!

Certified quality

Rehm Thermal Systems and its subsidiary Rehm BlechTec have been regularly certified in accordance with DIN EN ISO 9001 since 2004. We also plan and design all our machines with CE conformity in accordance with machinery directives. We are regularly certified in the energy audit according to DIN EN 16247-1 and have now set another milestone towards climate neutrality with the introduction of the environmental management system according to DIN EN ISO 14001:2015.





CO₂
neutral

As a company with its headquarters on the edge of a biosphere region in the Swabian Jura, we are aware of what it means to use resources responsibly. Consequently, the topic of sustainability is integrated into our company processes.

Climate-positive

The Rehm Group focuses on the environment

For years now, the Rehm Group has been striving to record and continuously improve all significant consumers and areas of consumption. This is also reflected in the Rehm Climate Strategy 2030.

The climate strategy of the Rehm Group forms the basis for an even more conscious use of energy, resources and the continuous improvement of energy efficiency in the company. It combines efficient technologies and know-how with the requirements of a modern manufacturing company. This is where tradition meets globalisation.

Think global – act local

Using raw materials from suppliers in the region, systems are manufactured that successfully compete on the world market. Low material consumption, reliable recycling of recyclable materials and short transport routes are what set Rehm apart.

Green electricity and CO₂-neutral nitrogen

In future, the company headquarters of Rehm Thermal Systems as well as the subsidiary Rehm BlechTec in Blaubeuren will, among other things, exclusively obtain "green electricity" from certified hydroelectric power plants, i.e. electricity from regenerative generation. By switching from conventional nitrogen to a CO₂-neutral alternative, approx. 95 t of CO₂ are also saved annually. By comparison, this corresponds to a distance of approx. 450,020 km travelled by a medium-sized diesel car.

Raising employee awareness

Further training of trainees to become energy scouts as well as regular energy training of staff will be additional building blocks to achieve energy savings.

Making the most of the savings potential of light sources, heat recovery and compressed air

By improving lighting management with the installation of LED lighting systems in the production halls, improved heat recovery and the optimisation of the compressed air supply, internal electricity consumption in these areas will be significantly reduced.

Expansion of renewable energies

The expansion of renewable energies is being promoted at the sites in order to have a self-sufficient power supply in the future.

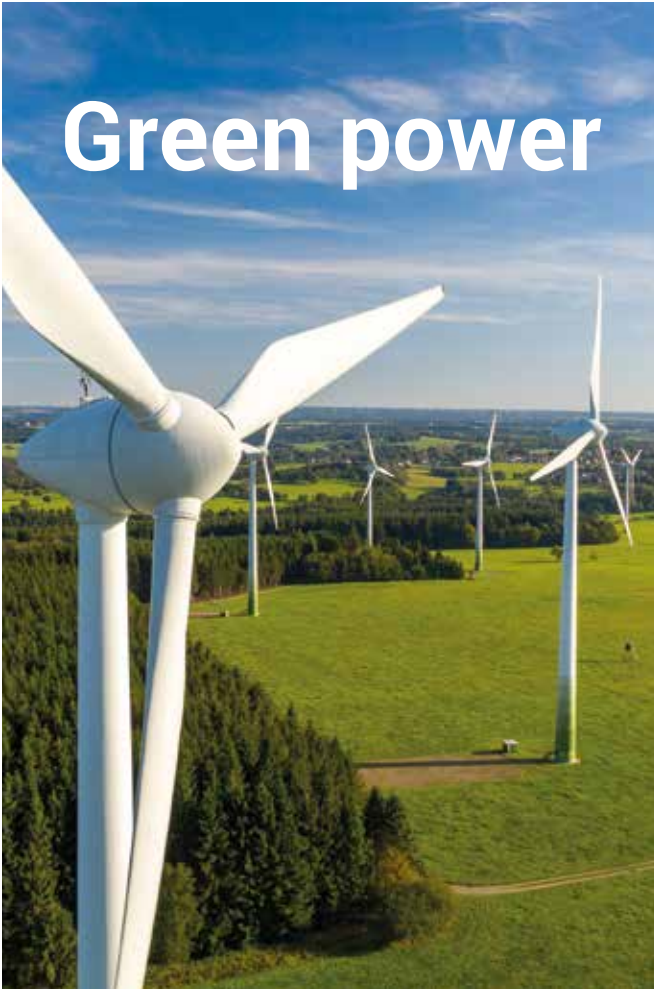
Substitution of hazardous substances

In order to optimise the management of hazardous substances, the experts are continuously looking for ways to reduce the amount of hazardous substances used in production and to switch to environmentally friendly materials.

Environmentally friendly product development

At Rehm, environmental protection begins with the idea for a new plant. Our development engineers are concerned with future-oriented, sustainable solutions for innovative products. Together with scientific institutes, universities, customers and partners, we develop concepts for product optimisation and further development, especially with regard to energy management and resource conservation. Today, our customers already benefit significantly from the use of efficient technologies in our plants and can thus work sustainably and economically.

Green power

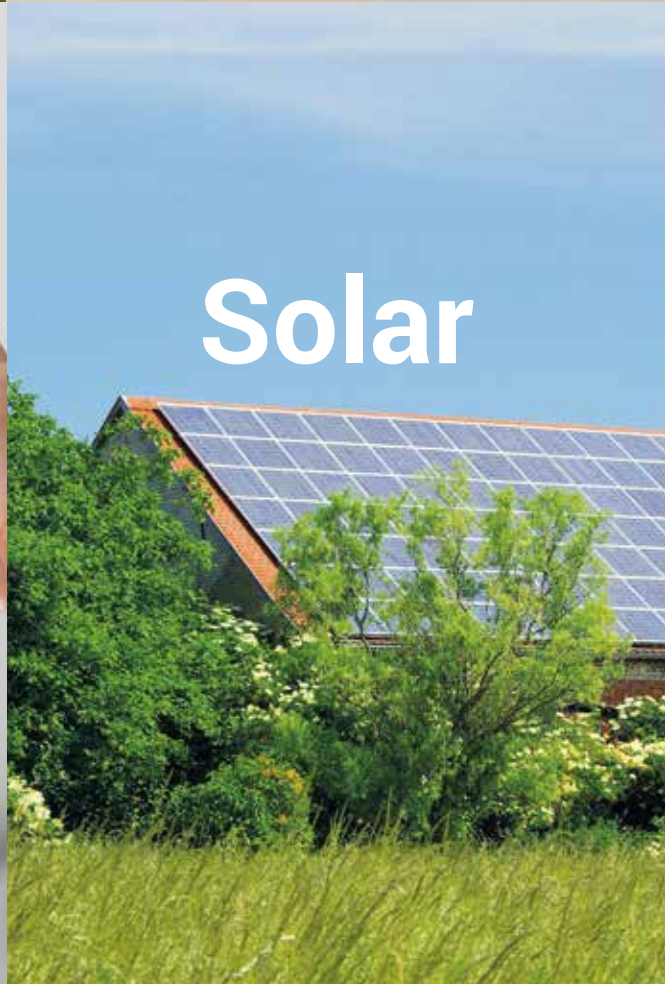


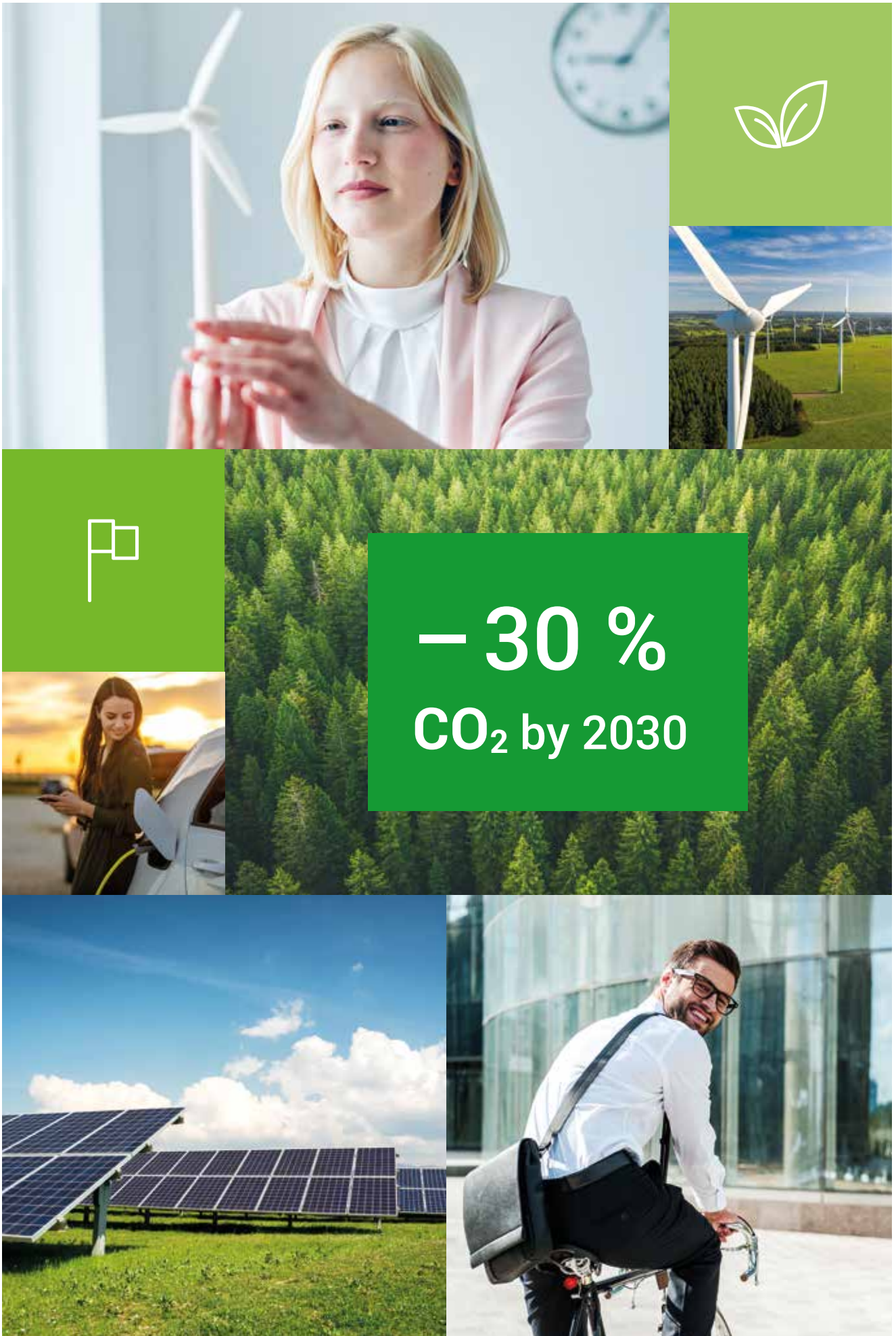
Responsibility



Savings

Solar





Our climate targets

On the way to climate neutrality

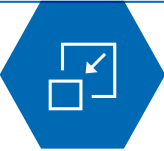
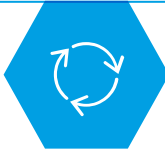


The introduction of an environmental management system in accordance with DIN EN ISO 14001:2015 at Rehm Thermal Systems, Rehm BlechTec and the plant in China points the way forward for the climate strategy.

Through workshops, those responsible in the company receive information and documents on the various aspects of environmental management. The focus is on the respective operational processes in relation to the environmental management system. In this way, all employees contribute to significantly reducing greenhouse gas emissions.

It covers a variety of different topics, including the company's environmental policy and goals, environmental regulations, materials, waste, energy, production, suppliers, logistics, hazardous substances and service providers.

The emission sources are divided into three categories: Scope 1 (direct emissions from own combustion processes), Scope 2 (indirect emissions from the purchase of performance-based energy) and Scope 3 (upstream and downstream corporate activities).

Rehm Thermal Systems and Rehm BlechTec have set themselves the goal of being climate neutral in the areas of Scope 1 and Scope 2 by April 2022, and the Chinese branch of Rehm Thermal Systems in Dongguan by the end of 2022. For the much more complex Scope 3, Rehm aims to have 30% fewer CO₂ emissions by 2030.

 Reduce energy consumption LED lighting – Smart building technology – Heat recovery system	 Use Renewable energies Photovoltaics Plant	 Buy Green electricity Green electricity from renewable generation	 Reduce CO₂ emissions E-mobility – Global Sourcing – Redundant Production
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Scope 1 | Scope 2



THERMAL SYSTEMS



Rehm Worldwide

As a leading manufacturer of innovative thermal system solutions, we have customers on every continent. With our own locations in Europe, the Americas and Asia as well as 27 agencies in 24 countries we are in position to serve the international markets quickly and to offer outstanding on-site service – worldwide and round the clock!