

PRESS RELEASE

Efficient Energy is climate-neutral

Efficient Energy GmbH among the first refrigeration-industry enterprises to have been climate neutral since 2020

Feldkirchen, 18. March 2021. *Upper Bavarian clean cooling pioneer, Efficient Energy GmbH, is not only a trendsetter with its Blue^{zero}® technology which lets water be used as a refrigerant, but also in defining new sustainability standards in the refrigeration industry. The company has calculated and offset its carbon footprint and taken steps to reduce its emissions. It intends to continue pursuing these measures vigorously in the coming years.*

Refrigeration and air-conditioning units are a key driver of global warming, accounting for some eight percent of global CO₂ emissions. It is therefore not only important for companies to switch to technologies using natural refrigerants without global warming potential, but also – and all the more important – for them to take responsibility for their own corporate emissions.

Efficient Energy has already succeeded in becoming one of the first refrigeration-industry enterprises to achieve climate neutrality. In the summer of 2020, CEO Georg Dietrich set a good example by calculating his own personal carbon footprint and offsetting it, thereby becoming climate neutral himself. Having joined the “Leaders for Climate Action” community, the next logical step for Dietrich was therefore to commit his company as well to this “Green Pledge” as well. “As a cleantech pioneer, sustainability is coded in our DNA. Climate neutrality is a key part of this. Our refrigeration technology lets water be used as a refrigerant, helping our customers significantly reduce their carbon footprint – to as little as net zero emissions. At the same time, however, we also see it as our responsibility to ensure our business activities generate as few emissions as necessary and to offset those which cannot be avoided,” explains Georg Dietrich.

In cooperation with [Leaders for Climate Action](#) and [ClimatePartner](#), the refrigeration-technology maker calculated its corporate emissions, offset them and took measures to reduce them in future. The analysis identified energy consumption, mobility and IT infrastructure as the three largest sources of emissions. The company offset a total of around 393 metric tonnes of CO₂ emissions for 2020 as part of a climate protection project. This corresponds to the annual CO₂ sequestration of 31,520 trees. The climate protection project that the company is supporting promotes the construction of small-scale hydropower plants in Virunga National Park in Congo. By providing an alternative source of energy, it is possible to avoid the clearing of trees for the extraction of brown coal. These trees provide the natural habitat and protection for one third of all mountain gorillas still living in the wild. With this measure, Efficient Energy is therefore supporting an important development project which, additionally to climate protection, also contributes to a large number of the United Nations’ Sustainable Development Goals (SDGs).

Two of the measures taken to reduce Efficient Energy’s carbon footprint are the switch to green electricity and its “Trains over Planes” business travel policy, which stipulates that rail must be the mode of transport used for domestic business travel. These two measures alone result in a 40 percent reduction in emissions on a like-for-like calculation basis. But that’s not the end of the story by a long way. “We regard climate neutrality as an ongoing process in which we strive for continual self-improvement. We are already working on implementing further measures to reduce our carbon footprint and aim to achieve climate neutrality again in 2021,” emphasizes Efficient Energy’s Climate Protection Officer, Dominik Bachschneider.

[Find out more about climate neutrality at Efficient Energy](#)

From 19-25 April 2021, Efficient Energy will be participating in the “Time for Climate Action” initiative centring on Earth Day, which was initiated by Leaders for Climate Action. For more information, please visit tfc.earth

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Press Contact

Angelika Thum

T: +49 (0) 89 693 369 7272

M: +49 (0) 172 173 31 26 407

angelika.thum@efficient-energy.de

About Efficient Energy GmbH

Efficient Energy GmbH is an innovative manufacturer and system supplier of environmentally friendly refrigeration technology, based in Feldkirchen near Munich, Germany. The company uses pure water (R718) as the refrigerant in its eChiller product range, and thereby entirely avoids fluorinated refrigerants. Efficient Energy helps its customers overcome the increasing regulatory challenges of refrigeration technology, and offers them long-term, sustainable solutions with its Blue^{zero}® technology. With its outstanding cost efficiency and low CO₂ footprint, companies benefit on many fronts. The pioneering technology has also been noticed by politics and the media, and has received multiple awards for the eChiller. These include among others the European Business Award for the Environment 2018/2019 from the European Commission and the Red Herring Top 100 Europe in 2020.