



# KFN

Pure quality.

## CO<sub>2</sub> Declaration of Kalkfabrik Netstal AG

The effects of climate change can be strongly felt in Switzerland already. The fact that we humans are co-responsible for this development is considered proven in the scientific world. If we do not succeed in taking effective climate protection measures, climate change will become even more pronounced in the future: rising temperatures, drier summers and periods of heavy precipitations will become more likely according to the CH-2018 climate scenarios.

Being part of the lime industry, KFN takes its responsibility when it comes to climate protection very seriously. KFN is a member of the Energy Agency for Industry and is integrated into the European emissions trading scheme. We are striving to reduce CO<sub>2</sub> emissions and take energy-saving measures. Through our sustainability concept, we are committed to taking responsibility towards society and the environment. KFN also supports Switzerland's efforts to protect the climate and complies with all relevant legal regulations. We pursue a consistent reduction in CO<sub>2</sub> emissions in accordance with the goals of the Paris Climate Agreement and, as a member of the Federal Association of the German Lime Industry, we are supporting the goals of the CO<sub>2</sub> Roadmap Lime Industry 2050 and are working on projects to become a climate-positive company in the long run.

Lime is extremely important for our economy to function. Lime is used, inter alia, in various industries, in construction, for the production of pharmaceuticals and chemicals, serves the environment protection and is part of the food manufacture process. The production processes of our white lime products are energy intensive and burning lime inevitably releases CO<sub>2</sub>. We have, however, continually optimized our processes over the course of the past decades: Thanks to new kiln technologies and the switch to natural gas as fuel, we managed to reduce our CO<sub>2</sub> emissions from fuel by 50% since 1990. We want to continue on this path in the future and be CO<sub>2</sub>-neutral by 2050.

To really become climate positive as a part of the lime industry, two more issues are central. Apart from avoiding CO<sub>2</sub>, carbon dioxide should in the future be captured directly in the kiln or in separation reactors and processed for subsequent use or storage. KFN supports research in this direction and invests in pioneer projects, which will benefit our entire industry. Additionally, our products should play their role as a CO<sub>2</sub> trap in a positive way, more actively in the future, for example in sewage treatment, biogas plants or in plastering systems. In this way, despite the energy-intensive production processes, it can be possible to compensate for the released CO<sub>2</sub> and even achieve a climate-positive balance in the long term. Based on our own efforts and those of the entire lime industry, we are confident that we will achieve these set goals.

