

**CREATING  
A SUSTAINABLE  
TOMORROW  
TOGETHER**





# zero emissions



As we embrace climate neutrality, we face the challenge of having to use emerging technologies, especially in the transport sector.

Alternative drive systems using hydrogen, electricity and gas are already undergoing successful trials in everyday operations at Gebrüder Weiss. Yet if these bridging technologies are to become mainstream, the vehicles need to become significantly more economical with the required infrastructure universally available.

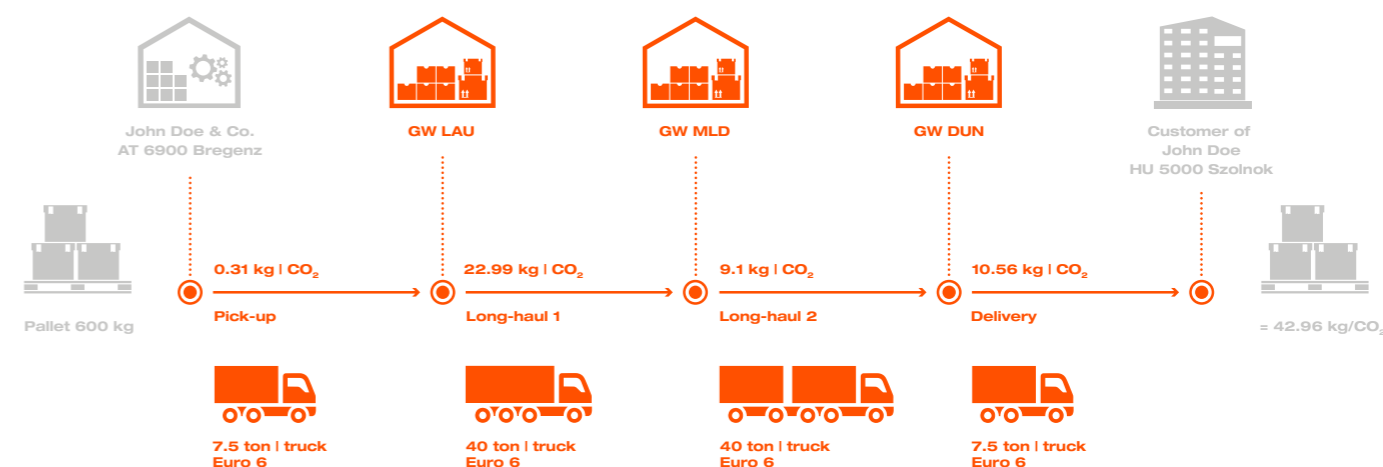
To offer you climate-neutral logistics today while simultaneously promoting alternative drive technologies, we have developed the product „zero emissions“.

Using EcoTransIT, it is possible to calculate emissions per shipment in land, air and sea transport. Using this data, we can help you determine the carbon footprint of your product. At the same time, we offer you the option of offsetting the emissions via a certified climate protection project.

## HOW DOES GEBRÜDER WEISS CALCULATE EMISSIONS AT A SHIPMENT LEVEL?

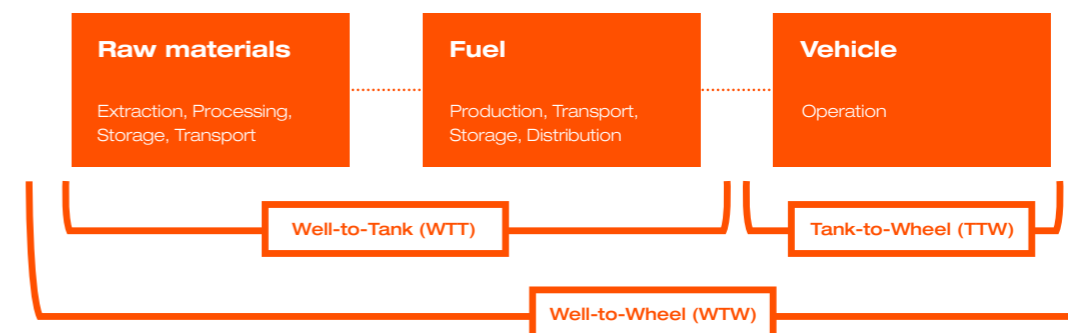
The CO<sub>2</sub> emissions (Well-to-Wheel) are calculated with the help of EcoTransIT. They are based on data from our in-house Transport Management System (TMS). The pre-, main and on-carriages are all factored into the equation, as are the specific modes of transport.

EcoTransIT methodology is based on the European DIN EN 16258 standard and GLEC.



## WHAT DOES WTW MEAN?

WTW means Well-To-Wheel. It refers to the total CO<sub>2</sub> emissions generated from the source of a product's raw materials – up to and including the output from vehicle operation.



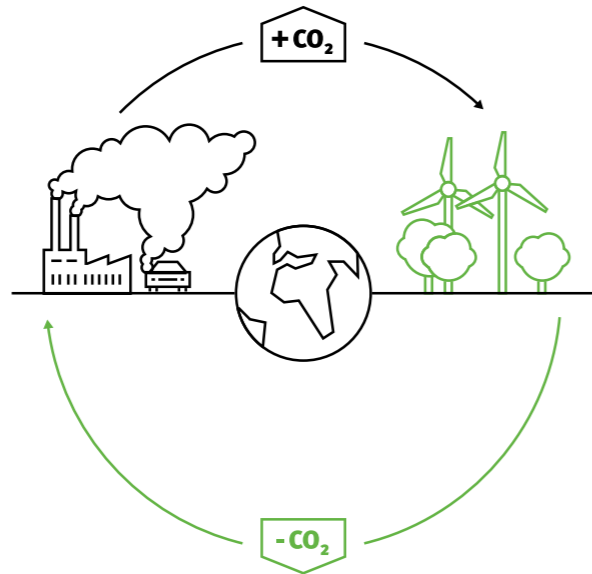


## HOW DOES VOLUNTARY COMPENSATION FOR CO<sub>2</sub> EMISSIONS WORK?

Exactly where greenhouse gases are emitted or reduced is not critical for the climate. As a result, emissions can be offset by reductions at another location far away.

First of all, the volume of greenhouse gas emissions from a process, company or service etc. is measured (carbon footprint).

In the next step, compensation is secured in the form of certificates (including emission reduction credits), so that the volume of emissions is offset in climate protection projects.



## WHICH CLIMATE PROTECTION PROJECTS CAN YOU SUPPORT?



Energy projects that avoid emissions of climate-relevant gases



Energy efficiency projects that generate lower CO<sub>2</sub> emissions compared to fossil fuels



Projects that cut or integrate CO<sub>2</sub> emissions



Projects that reduce emissions from deforestation and forest degradation

## WHAT ARE SUSTAINABLE DEVELOPMENT GOALS?

The 17 Sustainable Development Goals (SDGs) are United Nations political objectives that foster sustainable development on economic, social and ecological levels worldwide. They were created in line with the Millennium Development Goals (MDGs) and went into effect on January 1, 2016, for a period of 15 years (until 2030). The SDGs apply to all countries equally.





## OUR CLIMATE PROTECTION PROJECT PORTFOLIO:

Together with our partner „NatureOffice“, we have put together a climate protection project portfolio for you. The portfolio helps us to react quickly and with little effort to price fluctuations and political events.

However, if you prefer to have your own projects, please contact us!

### Less deforestation due to reduced burning of wood, „Toyola Clean Cookstoves“, Nigeria, Gold Standard certified

In this Nigerian project, conventional stoves are being replaced by far more efficient models known as **Toyola Coalpots**. Households adopting the new stoves cut their energy consumption by about 30% per year, translating into savings of 80 euros. In addition to the fuel savings, the lower emission levels also reduce air pollution. This improves general health levels among the Nigerian population.

SDG **1** 2 **3** 4 **5** **6** **7** 8 9 10 11 12 **13** 14 **15** 16 17

### Improving living conditions with clean water, „Borehole Project Dowa and Kasungu“, Malawi, Gold Standard certified

Poor hygiene, substandard sanitation facilities and a lack of clean water are among the main causes of poverty in Africa. Without access to clean drinking water, the prospects of escaping the poverty trap are very slim. The Malawi Borehole Project provides dedicated supplies to local communities.

SDG **1** 2 **3** 4 5 **6** 7 8 9 10 11 12 **13** 14 **15** 16 17

### Forest ecology projects in Montafon plus clean energy generation using wind power: Combined Climate-Protection Project „Austria plus Montafon“, Austria / China, Gold Standard certified

This project consists of two parts. The Jinchuan Magang 49.5MW Wind Power Project is based north of the Chinese region of Jinchuan. Its purpose is to install – and produce renewable electricity with – 33 sets of 1.5MW wind turbine generators. The project is expected to generate approximately 103 GWh of power per annum. That would result in an annual CO<sub>2</sub> reduction of some 90,000 metric tons.

For each CO<sub>2</sub> certificate, 2.50 euros are donated to forest ecology projects in Western Austria's Montafon Valley. These have been developed in conjunction with the Montafon Municipalities Association and will be implemented by the Bergwald Foundation.

SDG **1** 2 **3** 4 5 **6** 7 8 9 10 11 12 **13** 14 **15** 16 17

### Sustainable forest management that safeguards valuable eco-systems, „PACAJAI REDD+ PROJECT“, Brazil, CCBS certified

This climate-protection project helps village communities in the valley of Jari / Amapá to prevent the clearing of surrounding woodlands. The primary aim is to preserve some 180,000 hectares of forest. As part of the project, villagers receive special training in how to encourage sustainable woodland use among new residents and how to foster cooperation in the field of forest protection.

SDG **1** 2 **3** 4 5 **6** 7 8 9 10 11 12 **13** 14 **15** 16 17

### Clean energy thanks to solar power, Solar Power Project, India, Gold Standard certified

The project includes the construction and operation of a photovoltaic plant near the village of Thirumani in the state of Karnataka. The solar park has a total installed capacity of 100 MW and produces around 181 GWh of clean electricity annually. Taking average per capita consumption in India as a base, the project will be able to meet the annual electricity needs of 225,000 people in a sustainable way.

SDG 1 2 3 4 5 6 7 8 9 10 11 12 **13** 14 15 16 17

### Sustainable brazil nut cultivation to protect woodlands, „Brazil Nut Rainforest Community Project“, Peru, CCBS certified

The work of the climate-protection project Brazil Nut Rainforest Community is focused on preserving the virgin rainforests which are the home and habitat of an array of rare and endangered flora and fauna. Through its work, the project offers a long-term source of income for some 400 families engaged in the traditional harvesting of brazil nuts.

SDG **1** 2 **3** 4 5 **6** 7 8 9 10 11 12 **13** 14 **15** 16 17

## WHY DOES THE PRICE OF CLIMATE PROTECTION CERTIFICATES VARY?

The following factors impact the price of the certificates:

- the quality of the project
- the scale of the project
- the social co-benefits generated by the project (e.g. improvements to social structures and living conditions in the area)
- the region hosting the project
- dates of the certificates' terms
- the level of demand for specific project types or locations
- the number of certificates purchased (the higher the quantity, the lower the unit price)



### Certificate

After you order, you will receive a certificate bearing your company name and the project number which you can cite as further verification in your communications.

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