

# Greenhouse gas balancing, climate neutrality and carbon footprint measurement



## Neosys AG

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## From greenhouse gas balancing to climate neutrality.

We help businesses and municipalities to determine their CO<sub>2</sub> emissions and their emissions of all greenhouse gases at regular intervals, to devise methods to reduce these emissions, and to evaluate the change in their carbon footprint over the year.



Reducing greenhouse gas emissions to achieve climate neutrality is a goal that can apply to businesses, real estate developers and entire municipalities. Determining the emissions of a particular product or process makes it possible to calculate its specific CO<sub>2</sub> emissions, 'climate friendliness' or carbon footprint.

For a business or municipality to start the ball rolling, it must first determine its existing CO<sub>2</sub> emissions or emissions of all greenhouse gases by compiling a greenhouse gas balance report. It is a good idea to combine this with an energy and air pollution report, because the data collected from activities such as the consumption of fuel oil to calculate greenhouse gas emissions overlaps significantly with the data used to compile an energy usage report and/or an air pollution report.

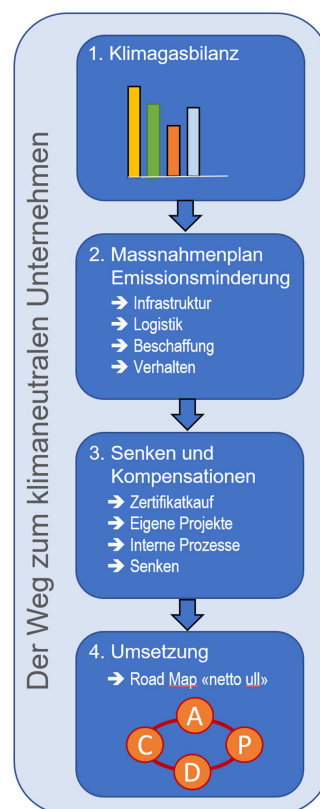
Repeated reporting makes it possible to compare developments over time and to define measures effective in reducing emissions or making energy savings. Unavoidable emissions can be offset by certificates from CO<sub>2</sub> projects held in reserve or the use of carbon sinks.

When it comes to reporting, setting targets and planning measures, questions often arise that are difficult to answer without specialist knowledge and in-depth studies:

- Which activities should be included in the report? Where should the boundaries between different systems be drawn?
- Which sources of activity data are more accurate and of higher quality? If need be, must the data be calculated indirectly, and if so, how?
- Which are the biggest energy consumers and greenhouse gas emitters?
- Where can our energy efficiency be improved? Where is there potential for using renewable energy sources?
- In terms of reduction potential, where should we take action first?
- What is a realistic path to reduction? What reduction goal should we aim for?

### Our services

- We can compile greenhouse gas emission, energy usage and pollutant emission reports for use in planning measures, project forecasts and performance reviews.
- We support you with developing your climate and energy strategy, with any questions you may have, and with carrying out regular monitoring.
- We help you identify, plan and achieve all of the economically viable reduction measures possible.
- If you have unavoidable CO<sub>2</sub> emissions, we will help you reduce them through the use of carbon sinks or an offset mechanism.
- We can determine the climate friendliness of a product, a process or an organisation.
- We can investigate existing levels of pollution affecting all aspects of the environment (air, noise, NIR, water and soil pollution), presenting the results in an illustrated report.



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