



SCIENCE BASED TARGETS

Complex, multi-layered and one of the most important approaches to CO2 reduction

Working together to combat climate change with Science-Based Targets

SBTs (or Science Based Targets) are reduction targets for greenhouse gas emissions. But how are they different from regular targets? They are calculated on a scientific basis to ensure global warming from the pre-industrial era is limited to well below 2°C, ideally 1.5°C. This means that companies can tailor their emission reductions to a specific objective, in order to counteract climate change more effectively.

Three approaches for the calculation of science-based targets are available (contraction, compression, convergence). They all make predictions about how the industry and the respective companies will evolve in the future and consider these factors in calculating individual targets.

The different approaches all have their pros and cons, and some may be more appropriate for certain companies than others.



DFGE helps you to choose the right method and decide which factors should be included in your calculations: we are happy to help with an objective that is oriented to your needs.

The DFGE Services range from workshops to 360° projects in which the optimal SBT solution for companies is analyzed and implemented. In addition, we have developed a customizable and documented SBT tool with which all goals, sub-goals and scenarios of companies can be monitored, adjusted and updated.

"Since 2014, DFGE - Institute for Energy, Ecology and Economy - has been a Silver Climate Change Consultancy Partner for renowned companies in answering the CDP questionnaire. The partnership with the CDP now also includes Science-Based Targets. The DFGE is the first selected partner of the CDP for the German-speaking countries. This CDP accreditation lends the DFGE a special quality seal. "

Dr.-Ing. Thomas Fleissner
Founder and CEO of DFGE



Institute for Energy, Ecology and Economy

SCIENCE BASED TARGETS

Predicted sustainability beyond your company

OUR SERVICES



Starter

- Turnkey solution to define a first, company-wide Science Based Target based on your needs
- Intensity and absolute target corridor for Scope 1, 2 and optionally Scope 3
- Based on the SBT approach best suited to your sector and company
- Full documentation of methodology and results
- On-site kickoff workshop included



Complete

- 360° project to investigate and implement the optimum SBT solution for your company
- Application/customization of several SBT approaches & interpretation of results
- Intensity and absolute target corridors for Scope 1, 2 and optionally Scope 3
- Sub-target breakdown for locations/ countries/regions or business units
- Integration of existing custom KPIs, targets and scenarios
- Assistance in the target validation procedure via the Science Based Targets Initiative
- Recommendations & action items for implementation
- Full documentation of methodology, results and recommendations
- On-site kickoff workshop & final presentation meeting
- Optional: Fully customized tool to let you track & update your targets



Services

- Our one day SBT Workshop enables you to calculate Science Based Targets on your own: It covers SBT methodologies & process, company & sector status, data sources & calculation examples
- In addition to the „Complete“ package, we can provide you with a fully customized and documented SBT tool specific to your company, to let you monitor & update all targets, sub-targets & scenarios on your own

Founded in 1999 as a spin-off of the technical University of Munich, the DFGE – Institute for Energy, Ecology and Economy provides consulting services in the field of sustainability. Our offer Sustainability Intelligence featuring calculation management, reporting solutions and strategy development aims at bundling the effort of taking part in several sustainability/CSR standards and rankings like CDP, UNGC, DJSJ, EcoVadis or GRI as well as building overarching strategies, such a climate strategy based on SBTs, or sustainability strategy according to the SDGs. To enable a future AI-based CSR management, DFGE researches in big data approach and machine learning. Our clients comprise international companies (DAX and fortune 500), SMEs, governmental organizations or territorial authorities.