



Professional CO₂ Manager

Two-day course with theoretical input, practical examples, and active exchange

GOALS

Gain knowledge in the area of climate and in the development of comprehensive CO₂ management. Exchange by means of practical examples.

COURSE OVERVIEW

CO₂ management day 1 "From strategy to balancing": Introduction to CO₂ issues and climate knowledge, drivers of CO₂ management, legal framework, in-depth CO₂ management, organizational and operational system boundaries, direct and indirect emissions (Scope 1 - 3), data collection, plausibility checks, calculation of balance sheet, emission factors, monitoring and analysis

CO₂ management day 2 "from balancing to impact": Hotspot analysis to identify key measures, development of measures, benchmarking, KPIs, climate strategy, climate targets (including science-based targets), climate protection contributions, sustainability communication

OUTPUTS FOR THE PARTICIPANTS

- In-depth knowledge of the CO₂ accounting standards
- Ability to understand the structure and calculations of a CO₂ balance
- Understanding the structure and application of emission factors
- In-depth knowledge of strategic topics (SBTi, climate protection projects, TCFD etc.) in the climate sector
- Insight into various industry examples
- Personal contacts and networking thanks to intensive exchange, joint breaks, and lunch

Upon completion, course participants receive a course certificate.

PREPARATIONS BY THE PARTICIPANTS

1. Existing climate/sustainability strategy, reduction targets and measures (if available)
2. Information on compensation and electricity certificates of origin in the company (if available)

3. Optionally, basic data (see list below) from your own company can be collected or existing documents can be studied and brought along. However, participants also have access to data from a sample company for calculating a balance sheet:
- Heating oil and/or natural gas consumption, other heating energies (kWh)
 - Consumption of refrigerants (kg)
 - Consumption of diesel and/or gasoline vehicles Business (l)
 - Flight routes, flight bookings (pkm)
 - Electricity consumption and purchased electricity product (kWh)
 - Paper and paper type (kg)
 - Recycled waste (kg)
 - Non-recycled waste (kg)
 - Water consumption (m³)
 - Commuting (car, public transport, on foot/bike (km))
 - Other relevant consumables (kg)
4. Important documents for reference:
- GHG Protocol, Corporate Standard: [Link](#)
 - GHG Protocol, Product Life Cycle Accounting and Reporting Standard: [Link](#)
 - GHG Protocol, Scope 2 Guidance, [Link](#)
 - GHG Protocol, Corporate Value Chain (Scope 3) Accounting and Reporting Standard: [Link](#)
 - CDP (2021) Report: Running Hot: Accelerating Europe's Path to Paris [Link](#)
 - WRI (2023) Findings from the 2023 IPCC Report on Climate Change [Link](#)

PROCEDURE

The two-day program is based on the CO₂ management cycle and individual elements are explored in depth, practiced, and illustrated using practical examples:

