

# YOUR PATH TO VERIFICATION

## Climate neutrality according to TN-CC 020

The three steps described below must be carried out prior to verification of climate neutrality.

### 1 Preparation

- ☐ Determination of the verified unit (climate-neutral organisation/product, etc.)
- ☐ Determination of the period of time to be established as climate-neutral
- ☐ Selection of the calculation standard to be used as a basis for the CO<sub>2</sub> balance calculation (GHG Protocol, ISO 14064-1, ISO 14067, TN-CC 020 only in the case of climate-neutral gas and verified CO<sub>2</sub> compensation)
- ☐ Identification of potential climate protection projects to compensate for the CO<sub>2</sub> balance (please note: requirements for CO<sub>2</sub> certificates according to TN-CC 020)

### 2 Data collection

- ☐ Recording of the main emission sources of the CO<sub>2</sub> balance (direct/indirect emissions)
- ☐ Determination of data sources for calculating the CO<sub>2</sub> balance (controlling tools, management systems, invoices)
- ☐ Data collection (e.g. electricity in kWh) and documentation of data quality (measurement, calculation, estimation of data)
- ☐ Determination of the corresponding CO<sub>2</sub> emission factors as CO<sub>2</sub> equivalent (e.g. g CO<sub>2</sub> e/kWh) using official data sources (DEFRA, Umweltbundesamt (central environmental authority), ecoinvent etc.)

### 3 Calculation

- ☐ Calculation of an initial CO<sub>2</sub> balance
- ☐ Preparation of a carbon balance report to document the results, the data collection system, the data quality, assumptions made, estimates, emission factors, uncertainties of the calculation as well as the CO<sub>2</sub> certificates selected for planned compensation, etc.

### 4 Verification of climate neutrality

