## TÜVNORD

# YOUR PATH TO VERIFICATION Verification according to TN-CC 020

The three steps described below must be carried out prior to verification according to TN-CC 020.

### Preparation

- Determination of the verified unit (climate-neutral organisation/product, etc.)
- □ Definition of the reference period

Verification

- Selection of the calculation standard to be used as a basis for the carbon footprint calculation
  (TN-CC 020 in the case of gas product and combustion)
- □ Identification of potential climate protection projects to compensate for the carbon footprint (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 carbon footprint (direct/indirect emissions)
- Determination of data sources for calculating the carbon footprint (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 CO₂ emission factors as CO₂ equivalent (e.g. g CO₂ e/kWh) using official data sources (DEFRA, Umweltbundesamt (central environmental authority), ecoinvent etc.)



- □ Calculation of an initial carbon footprint
- 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.

Completed offer questionnaire sent

Acceptance of the offer and start of the verification process Submission of the carbon footprint including the carbon balance report to TÜV NORD for verification Provision of evidence (e.g. invoices for data collection, guarantees of origin for green electricity, proof of purchase of CO<sub>2</sub> certificates) Appointment for an audit agreed between the customer and TÜV NORD Audit to review the carbon footprint and the voluntary financial climate contribution made. If necessary, with a correction phase of the initial carbon footprint.

#### Completion of successful verification with receipt of TÜV NORD certificate, verification report

and test mark

to TÜV NORD