

# CARBON FOOTPRINT SERVICES



## Carbon footprint assessment, the 1st step towards sustainable development

Climate change is one of the most pressing environmental concerns of our time. The fact that a great majority of our daily actions generate the Green House Gases (GHG), poses a significant challenge when it comes to reversing the trend. However, Carbon Footprint assessment - a new method to measure the impact of carbon dioxide emissions based on the calculation of daily energy consumption - offers a viable path to reduce emissions and prevent global warming.

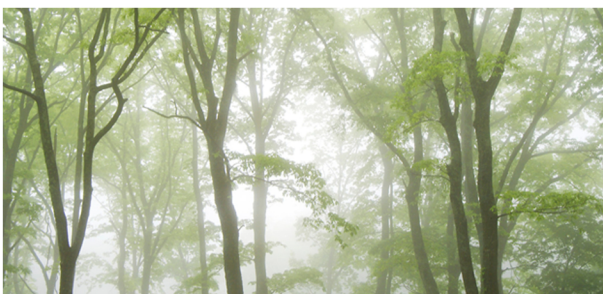
TÜV Rheinland carbon footprint assessment helps enterprises take stock of their impact on climate change, map out strategies to reduce their emissions and uncover considerable savings through leaner carbon neutral processes. Our services assist you to better monitor and report reduced carbon emissions throughout the supply chain, thus demonstrating tangible proof of your commitment to sustainability. We make your processes carbon free.

## TÜV Rheinland is your reliable partner

- Our highly experienced team can help you establish and implement a robust and comprehensive carbon management strategy
- From carbon footprint to carbon offset and internal awareness rise, we can help you achieve the optimal results
- We have thorough understanding of key policies affecting the carbon market, and provide specific risk management for certain projects
- We offer detailed monitoring and verification

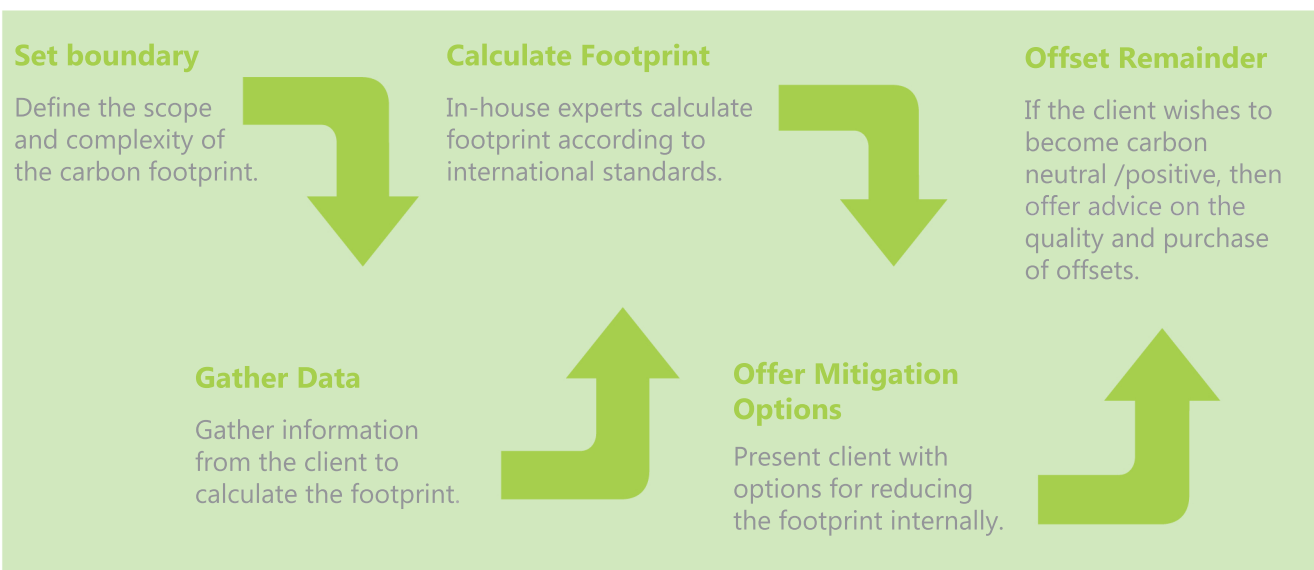


## Our services



- An organization's carbon footprint is calculated on the basis of three categories of emissions
- Direct emissions: those that the organization produces or has control over
- Indirect emissions: those from purchased electricity
- Expanded indirect emissions: those from sources that are not owned or controlled by the company

## Carbon footprint assessment procedure



### Product scope



- Fast Moving Consumer Goods (FMCG)
- Food and beverage sector
- Household appliances
- IT & telecommunications equipment
- Consumer equipment
- Lighting equipment
- Power tools, garden tools
- Toys, leisure & sports equipment
- Components
- Power transmission device
- Machinery

### Product carbon footprint mark



As a sign of compliance with related international standards, The TUVdotCOM mark with the keywords of “Product Carbon Footprint Calculated” increases your product competitiveness and demonstrates your corporate social responsibilities.

### Additional services

#### Internal training

Explanation of relevant regulations and assessment methods  
Options for GHG reduction and mitigation

#### Corporate carbon strategy development

How to become carbon neutral  
Opportunities for carbon offsetting

#### GHG footprint

Quantify direct and indirect GHG emissions according to PAS 2050, ISO 14064, ISO 14067 and BP X30-323 (Standard for French Carbon Labelling Scheme)