

碳足跡服務

CARBON FOOTPRINT SERVICES



產品碳足跡評估，邁出永續發展第一步

氣候變遷是一項緊迫的環境議題。人類絕大部分的日常活動會導致溫室氣體的產生，這是我們面對氣候變遷時的重大挑戰。碳足跡評估作為一項新服務，能夠基於每日的能耗計算，有效評估二氧化碳排放對環境的影響，為降低碳排放以及遏止全球暖化提供有效途徑。

德國萊因 TÜV 碳足跡評估幫助企業瞭解其生產活動對氣候變遷的影響，制定相應的策略實現減排，同時透過精實的碳中和生產流程以節省可觀的成本。此外，我們的服務可以幫助您在供應鏈過程中，對碳排放活動進行有效的監管與彙報，為企業履行永續發展的承諾提供可靠依據。幫助您建立低碳的生產管理流程，這是我們的承諾。

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.

德國萊因 TÜV，值得您信賴的合作夥伴

- 我們經驗豐富的专业團隊可協助您建立並執行穩健全面的碳管理策略
- 從碳足跡計算到碳抵銷，再到內部意識提升，我們協助您取得最佳成果
- 我們深刻瞭解影響碳交易市場的主要政策，並提供專案特定風險管理
- 我們提供詳盡的監控及確/查證服務

TÜV Rheinland is your reliable partner

- Our highly experienced team which 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 validation/verification

我們的服務

碳足跡的計算乃是基於以下三種範疇

- 直接排放：企業所產生或在其控制範圍之內的排放
- 間接排放：企業購買的電力所產生的排放
- 其他間接排放：企業非屬自有或可支配控制之排放源所產生之排放

Our services

An organisation's carbon footprint is calculated on the basis of three categories of emissions

- Direct emissions: those that the organisation 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

產品 / 企業碳足跡評估流程 Carbon footprint assessment procedure



產品範圍

- 快速流動消費性商品 (FMCG)
- 食品及飲料
- 家電產品
- 資訊科技及通信設備
- 消費性設備
- 照明設備
- 電動工具，園藝工具
- 玩具、休閒及運動設備
- 零部件
- 電氣附件
- 工業機器與設備

Product scope

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

產品碳足跡驗證標誌



碳足跡標誌證明該產品已通過碳足跡計算，符合相關國際標準。該標誌在幫助您增強產品競爭力的同時展示您的企業社會責任。

Product carbon footprint logo

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

其他服務

內部培訓

- 解析相關規範及評估方法
- 介紹減少溫室氣體的方法

碳足跡

- 依據 PAS 2050、ISO 14064、ISO 14067、BP X30-323 (法國碳標籤計畫) 等規範量化溫室氣體直接與間接的排放量

發展企業碳管理策略

- 如何成為碳中和
- 碳抵銷的機會

Additional services

Internal training

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

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)

Corporate carbon strategy development

- How to become carbon neutral
- Opportunities for carbon offsetting