



# Life Cycle Assessments, Product Carbon Footprints and Environmental Product Declarations.

Climate change is having a drastic impact on our planet and the natural resources we depend on are limited. Since environmental protection has become the central challenge of our time, more and more consumers are consciously choosing climate-friendly products and companies that are committed to sustainability.

### FOR YOU - WE TEST.

As an internationally recognized testing service provider, we offer services that support systematic improvements in sustainability and credibly demonstrate your environmental commitment to your customers.

We test, evaluate and certify the sustainability of both products and companies with a range of [sustainability services](#).

### LIFE CYCLE ASSESSMENT (LCA).

LCA is an environmental impact assessment examining the entire product life cycle - from raw material extraction to disposal. It assesses energy and resource consumption, emissions to air and water, and the amount of waste generated. An LCA according to DIN EN ISO 14040 and DIN EN ISO 14044 is an important tool for process optimization resulting in more ecological and sustainable production methods.

### PRODUCT CARBON FOOTPRINT (PCF).

This service takes into consideration the entire life cycle of your product and its impact on climate change in particular. It reveals optimization potential and strengthens customer confidence both in your climate-friendly products and your company.

### ENVIRONMENTAL PRODUCT DECLARATION (EPD).

The preparation of Environmental Product Declarations (EPDs) in accordance with ISO 14025 is particularly useful for construction materials. Sustainable buildings must meet an array of requirements regarding emissions, life cycle costs and energy and raw material consumption. An EPD creates transparency and trust around a building's environmental properties and provides the data for ecological construction assessments. In addition to building materials, EPDs are used for other products and can be published in relevant international databases.

### CORPORATE CARBON FOOTPRINT (CCF).

A CCF assesses the environmental impact of your company. It enables you to identify optimization potential, implement company-wide sustainability strategies, create transparency and document climate neutrality.

### THERE ARE MANY GOOD REASONS TO ASSESS YOUR SUSTAINABILITY.

- Strengthened confidence in the sustainability of your products
- Differentiation in competitive markets
- Identification of the environmental impact of your products
- Reduction of energy and raw material consumption
- Sustainable process optimization
- Transparency and security for targeted marketing

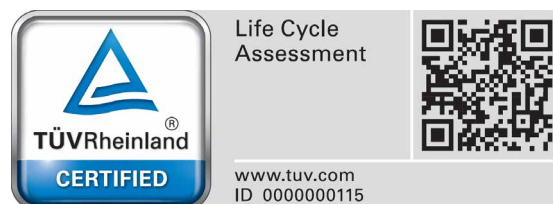
### WE TEST AND CERTIFY FOR YOU.

As a large independent testing service provider, we are not only responsible for the preparation of Life Cycle Assessments, Product and Corporate Carbon Footprints, we can also review and certify your Life Cycle Assessments and footprint analysis.

[Contact us now and learn more!](#)

### THE TEST MARK MAKES THE DIFFERENCE.

You see it at a glance. Our nationally and internationally recognized test mark is worth more than a 1,000 words. You can call up the essential certification program features at any time with just one smartphone scan via QR code.



**THERE ARE MANY GOOD REASONS TO PARTNER WITH US.**

- Confirmation of your quality statement by a neutral testing service provider
- Clear decision-making and orientation aid for your customers
- Differentiation in competitive markets

**NEW TRENDS, NEW KNOWLEDGE,  
NEW QUESTIONS**

---

Come see for yourself - [www.tuv.com](http://www.tuv.com)



Newsletter subscription:  
[www.tuv.com/newsletter](http://www.tuv.com/newsletter)

**EASY. FAST. TRANSPARENT. - ANY TIME.**

- Visit our certificate database at [www.certipedia.com](http://www.certipedia.com) and enter the test mark ID to find proof of quality.

**FOR FURTHER TECHNICAL INFORMATION:**

---

Susanne Jorre  
Sustainability Expert  
[Susanne.jorre@de.tuv.com](mailto:Susanne.jorre@de.tuv.com)

Jonas Wehowsky  
Sustainability Expert  
[Jonas.Wehowsky@de.tuv.com](mailto:Jonas.Wehowsky@de.tuv.com)

**WOULD YOU LIKE TO LEARN MORE ABOUT OUR COMPREHENSIVE SUSTAINABILITY SERVICES? CONTACT OUR EXPERTS NOW!**

[ONLINE CONTACT](#)

TÜV Rheinland LGA Products GmbH  
Tillystraße 2 · 90431 Nuremberg  
Germany  
Tel. +49 911 655 5225  
Fax +49 911 655 5226  
[service@de.tuv.com](mailto:service@de.tuv.com)



 **TÜVRheinland®**  
Precisely Right.