



Life Cycle Assessment: Sustainable Process Optimization in the Furniture Industry

In order to gain an insight into the environmental performance of selected products and to consolidate the sustainability aspect in the company, our experts conducted a **Life Cycle Assessment** in accordance with DIN EN ISO 14040:2009 and 14044:2018 at Interstuhl Büromöbel GmbH & Co. KG.

Basic Facts

Client	Interstuhl Büromöbel GmbH & Co. KG
Timeframe	Project completion April 2019
Project Location	Meßstetten-Tieringen, Germany
Main Services	Life Cycle Assessment (LCA) of chair variants
Standards	DIN EN ISO 14040:2009, DIN EN ISO 14044:2018

INITIAL SITUATION, REQUIREMENTS

In order to further advance and substantiate the importance of the sustainability concept with concrete figures, Interstuhl Büromöbel GmbH enlisted our help to carry out Life Cycle Assessments for three product groups. Life Cycle Assessments primarily identify the process optimization and benefits of a product throughout its entire life cycle. In addition to reducing the environmental impact of the products examined, long-term energy and cost savings can also be achieved in environmental hotspots. With our Life Cycle Assessment, Interstuhl GmbH & Co. KG has made a significant contribution to the natural

surroundings while simultaneously responding to increasing customer demand for more environmental protection.

SOLUTIONS, RESULTS

The resulting environmental impacts arise to a large extent during the material supply phase. When considering the German market, manufacturing, transport and distribution processes are of secondary importance. Individual components are either recycled or incinerated when no longer needed. Our analysis showed that CO₂ emissions could be greatly reduced by recycling and greater quantities of reusable materials being chosen in the future.

BENEFITS FOR THE CLIENT

With our Life Cycle Assessment, Interstuhl GmbH & Co. KG was able to optimally identify the potential environmental effects of its tested products. This enabled them to sustainably reduce the resulting environmental impact and cut their consumption of energy and raw materials. Through our service, they documented their environmental awareness and strengthened customer trust.

DID YOU KNOW?

The Interstuhl GmbH & Co. KG is a family business with more than five decades of tradition. The company has been developing and building office chairs at its headquarters in the Swabian Alb from the very beginning. From there, they supply the whole world with their "Inter Chairs Made in Germany" and are known for outstanding ergonomics, modern technology, excellent design, and the highest environmental awareness.

ABOUT TÜV RHEINLAND

TÜV Rheinland is one of the world's leading independent testing service providers with over 140 years of tradition. Our experts test technical systems, products and services as well as accompany projects and design processes for companies. TÜV Rheinland has been a member of the United Nations Global Compact for greater sustainability and against corruption since 2006. Our experts have many years of experience in preparing and auditing Life Cycle Assessments, carbon footprints, and environmental product declarations (EPDs).

WOULD YOU LIKE TO FIND OUT MORE ABOUT OUR SUSTAINABILITY SERVICES? CONTACT US TODAY!

[ONLINE CONTACT](#)

TÜV Rheinland LGA Products GmbH
Tillystr. 2
90431 Nuremberg, Germany
Tel. +49 911 655-5225
Fax +49 911 655-5226
service@de.tuv.com
www.tuv.com/en/LCA

