

»The carbon footprint tool helps us assume responsibility for our environment and achieve our economic and environmental goals.«

Klaus Beckonert,
Chief Executive Officer, GREIWING LOGISTICS for you GmbH



On Course for the Future with the Carbon Footprint Tool

Customer

- Greven, Germany-based logistics specialist GREIWING logistics for you GmbH is a family-owned international company that has offered its customers logistics services and tailored complete solutions for over 80 years in areas such as:
 - Silo logistics, food/non-food
 - Handling (homogenization, drying, screening, granulate material sorting, filling, silaging, tower silo services)
 - Intermodal transport
 - Truck trading & repair, truck trailer cleaning

INDUSTRY

- Logistics services for the silo industry

TECHNOLOGY PLATFORM

- QlikView 9

Initial situation Due to the strong growth in the silo logistics industry in the past few years and the steadily increasing demands of the industry's customers, GREIWING followed its company motto, "Innovative ideas and responsibility," and became the first company in its industry to examine its emissions levels and commission a comprehensive report on its carbon footprint. The goal is to make the transport processes as transparent as possible for the customers. Staying in step with the times, consistently improving quality and customer service, and meeting the needs of the market are the Greven, Germany-based transport services provider's goals.

Vision The company decided to take a further step toward the future by calculating its carbon footprint early on. This also allows GREIWING to react quickly to new political and economic regulations. By placing a stronger focus on issues of sustainability and customer communication, GREIWING is demonstrating responsibility for the environment and society. For this reason, the challenge was to develop and implement a carbon footprint tool that quickly and easily compiles and analyzes all key information.

GREIWING selected arvato systems as its partner in large part because of the company's IT expertise and its many years of experience in the logistics sector.

Solution An analysis of the company's emissions was intended to create transparency for the Greven-based logistics company's entire supply chain. The company's locations and the vehicle fleet were both thoroughly inspected, and emissions limits were established for each. ↘

»The only way to achieve a measurable reduction in CO₂ and make a significant contribution to green logistics is to work with reliable emissions data.«

Tina Steffen,

Process Management & Controlling, GREIWING logistics for you GmbH

At the company's locations, the emissions caused by the consumption of electricity, natural gas, and heating oil were measured and analyzed. The analysis of the trucks included such information as tank data, ratios, mileage, and engine standards for each vehicle. This information shed some light on the environmental quality of the transport sector. Key figures were then defined; these will form the basis for predicting future developments.

With the QlikView analysis tool, all of the data collected and calculated was intelligently combined to produce an general account of the situation. Subsequently, any desired analysis of emissions sources, time periods, geographical supply sources, etc. can now be displayed in varying levels of detail via click and drill down. The application can be flexibly expanded and is easy to learn. Adapting the carbon footprint tool to the company's specific requirements and then implementing the tool itself took only a few weeks.

Customer benefits Thanks to its many years of experience in the logistics industry, arvato systems was able to use professional software tools to achieve all the project goals. The company was also able to provide significant support for GREIWING in its attempt to establish green logistics and increased environmental responsibility as part of its day-to-day business. The close and trusting interaction with the customer and consultant teams, the company's comprehensive knowledge of the logistics industry, and its many years of project experience were all decisive factors in the project's success.

Any questions? Please contact us.

Your Contact

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As a global systems integrator, arvato systems implements tailored, industry-specific, and custom-developed solutions in addition to standard software. 1,700 dedicated employees work at the company's 25 sites throughout the world. Our customers appreciate the combination of in-depth industry expertise, technological knowledge spanning all manufacturers, genuine partnership, and true entrepreneurial spirit. With our range of products and services, we help pave the way for your business success.



An Overview of the Case

PROJECT

- Set desired emissions limits
- Identify all sources of emissions throughout the company
- Precisely calculate and map CO₂ emissions according to products, suppliers, customers, or vehicle types, storage facilities, locations, etc.
- Calculate and illustrate driver consumption/emissions
- Develop and set up a control point
- Integrate a bonus system
- Develop software to calculate the company's carbon footprint

BENEFITS

- Increased transparency along the entire value-added chain
- "Admission ticket" for tenders that asks about carbon footprint
- Quick and easy to pinpoint sources of emissions
- Lower costs thanks to reduction in pollutants
- Sustainable business practices help to acquire new customer groups
- Improved image and pioneering role in environmental management for transport service providers