

Environment, Safety and Quality

As a provider of logistics services operating on an international scale, Logwin is aware of its great corporate, social and ecological responsibility and strives to make its contribution to the protection of the climate and environment. For this reason, quality assurance, safety and the improvement of its services with regard to their impact on our climate and environment are, in addition to customer satisfaction and the economic goal of profitable growth, the main drivers of our business philosophy and actions. In order to keep the environmental impact as low as possible and in order to reduce it systematically we are constantly improving our operations and processes and focusing on utilizing technical innovation. As professional logistics always demand the highest possible level of efficiency, the economically best solution is also very often the most environmentally friendly one. For Logwin, therefore, economic growth and sustainable climate and environment protection as well as the conservation of natural resources are not mutually exclusive goals in sustainable economic activity.

The operating companies within our business segments have been certified in accordance with management systems for quality, safety and the environment. Depending on their particular activities, the companies have also been certified in accordance with HACCP (Hazard Analysis Critical Control Point with respect to food hygiene) or SQAS (Safety and Quality Assessment Systems). The long-term aim is to establish a uniform corporate management system for quality, safety and environmental protection for all companies belonging to Logwin AG. Companies in the Logwin Group observe the relevant legal requirements and official provisions and, what is more, often act in many areas on their own initiative. In addition, emergency plans are an elementary part of improving our services for the benefit of the environment.

We constantly promote our employees' sense of responsibility for quality, safety and the environment. Our employees in the business segments Solutions, Air + Ocean and Road + Rail, as well as Shared Services and the holding company are committed to protecting nature and the climate. Any weaknesses are eradicated in the course of various projects and measures that also include regular internal audits, and operational quality continues to be improved in all areas of activity.

Even a logistics service provider's ability to find the ideal solution for an individual customer can benefit the environment. We therefore develop individually tailored processes customer-specific contract logistics for our customers that are not just more efficient but which make more sense from an ecological point of view.

As an innovative company, Logwin is always seeking alternative, more environmentally friendly possibilities of providing its transport services. There are numerous possibilities of combining economic and ecological activity in order to conduct business sustainably for the benefit of the current and future generations. In view of the measures it has undertaken so far, Logwin is well on the way to reducing the impact caused to the environment and climate. We will not simply maintain the level of effort but will constantly increase it with the aim of continuously improving the environmental sustainability of the services we provide.

Environmental protection is a concept put into practice within the Logwin Group

Responsible employees

Our employees act responsibly and considerately with regard to the environment. Using energy and raw materials economically and minimising harmful emissions as far as possible as well as systematically avoiding, reducing and separating waste and utilising recycled materials wherever possible are at the core of our business activities.

New services and processes are assessed in advance for the effects they may have on the environment and safety, and their implementation is closely monitored. This ensures that, when providing services, resources are used prudently with an eye to their cost, that the environmental impact is kept to a minimum and that safety risks are managed actively.

State-of-the-art logistics centers

Besides the obligatory choice of the most conveniently situated location with regard to transport connections and optimized energy, electricity and water supplies, Logwin also sets a clear focus on new solutions in the fields of the environment and ecology when undertaking construction. New technologies ensure short distances within the facilities, short turnaround times for goods and the highest possible levels of safety in transshipment centres. Intelligent IT applications support the optimum planning, management and implementation of the complete goods handling processes.

Continuous improvement of the Logwin fleet

Logwin's vehicle fleet is constantly being renewed in the interest of environmentally friendly and low-emission goods transportation. Vehicles in the Logwin fleet are replaced every two to three years at the latest in order to ensure that they keep up with the latest advances in technology. The fleet is also subject to continuous improvement in accordance with ecological criteria. This includes, for example, the switch to low-emission trucks conforming to the Euro 4 and Euro 5 norms, the use of trucks with AdBlue (selective catalytic reduction) technology and the use of environmentally friendly fuels. Regular training given to truck drivers aimed at ensuring driving safety and fuel reduction are also a part of the responsible conduct of the Logwin Group and its employees.

Wherever operationally possible, ecological factors are taken into account when purchasing contract services and other products. This means that methods of transport such as rail, air and sea transportation are also used in accordance with ecological criteria, since Logwin relies on partners and service providers demonstrating commitment to the environment and appropriate certification. For example, the ocean freight division relies on transportation with new technology and refuses to use ships that are more than 15 years old.

Alternative transport concepts, optimized scheduling and IT systems

In order to optimize the environmentally friendly provision of our logistical services, road transportation is increasingly transferred to rail through the use of block train systems. With regard to environmental protection and traffic congestion, Logwin relies on modern telematics and multi-modal concepts such as 'piggyback' transport. This type of combined rail transportation involves transporting complete trucks and trailer-truck units by train.

Our customers' increasing willingness to turn to more expensive but more environmentally friendly methods can be seen, for example, in the switch from silo deliveries for short-haul customers. In the Logwin Group, these are organized as circular tours rather than single runs, which has led to a lower amount of rest product waste disposal and to a reduction in the need to clean silos due to multiple loads.

In addition to alternative transport concepts and investment in environmentally friendly machinery, low-emission vehicles and functional loading equipment, the Logwin Group also makes use of a special IT system to support its scheduling. A vehicle positioning system has already been installed for long-distance transport and is already in the planning stage for short-distance transport in order to further improve scheduling. The highest possible truck capacity utilization and the avoidance of empty runs are part of the company's basic philosophy. In order to improve the efficiency of vehicles in use and as a measure to conform with changed driving and rest periods, empty mileage and idles times have already been optimized, driving times exactly synchronized and hub points set up for driver changeover.

Increased networking with our suppliers and customers also drives continual improvements in the infrastructure. Thus, for example, Logwin warehousing centers are set up in the immediate vicinity of our major customers' production sites.

Examples of environmentally friendly process optimization within the Logwin Group

- **Fashions reusable containers: resource conservation by reducing the amount of packaging**

Logwin's textile logistics are based on the concept of hanging-garment transport and shipment in environmentally friendly reusable containers. This results in a large number of benefits with regard to sustainability, since without superfluous paperboard containers packaging costs are lower and packaging waste is reduced to a minimum. The use of reusable containers for store delivery is enjoying increasing popularity.

- **logoClean: CO2 reduction through improved scheduling**

Our environmentally conscious behavior is underlined by our logoClean cleaning facilities in Austria. When they were set up, great importance was attached to their compliance with the highest environmental standards – for exhaust air, professional wastewater treatment, waste treatment and wastewater quality. The logoClean facilities have been certified in accordance with ISO 9001:2000, ISO 18001:1999 and ISO

14001:2004 and aligned to the SQAS (Safety Quality Assessment Systems) standard. All transport containers and transport vehicles are thoroughly cleaned inside and out in the facilities – irrespective of whether these are tank trailers or tarpaulin trucks. This allows fast reloading, which saves on empty mileage and reduces CO2 emissions.

- **Hazardous materials warehouse in Enns: safety through the highest ADR standards**

As a provider of logistical services for chemicals and dangerous materials, Logwin is subject to particular legal requirements. Special attention has been devoted to these activities with the modern, ISO-certified warehouse for hazardous materials at the Enns site. Divided into the five hazardous goods areas, the ADR warehouse, covering 3,200 square meters, provides space for 700 tonnes of dangerous goods, with the exception of explosive and radioactive materials. There is an additional 600 square meters of open storage where up to 160,000 litres of flammable liquids and acidic or caustic products (such as cleaning agents) can be safely stored. The professional and safe storage of the materials are guaranteed by experienced staff, rigorous access restrictions and the explosion-resistant construction of the store where only materials were used which allow no chance of sparks. Fire-resistant F90 walls, fire doors and a fully automatically controlled sprinkler system prevent the emergency situations.

ADR [*Accord européen relatif au transport international des marchandises Dangereuses par Route*]: European Agreement concerning the International Carriage of Dangerous Goods by Road