

LÜDECKE

Since 1930. The perfect connection.

GREEN COMPANY REPORT

A shared responsibility



Dear readers,

As a company and an employer, it is our duty to convey fundamental values and to implement them at the economic, social and ecological level. The main task is to hand over our world as a liveable place to future generations.

For this reason, we are all requested to deal conscientiously with our resources and to operate as sustainably as possible. As a company, we have a special responsibility in our society. Hence, we want to lead by example and prove, that sustainable action can be combined perfectly with efficiency and profitability.

Let us together ensure, that we reach this goal and thus secure a sustainable success.

We would be delighted if you would accompany us on this way!

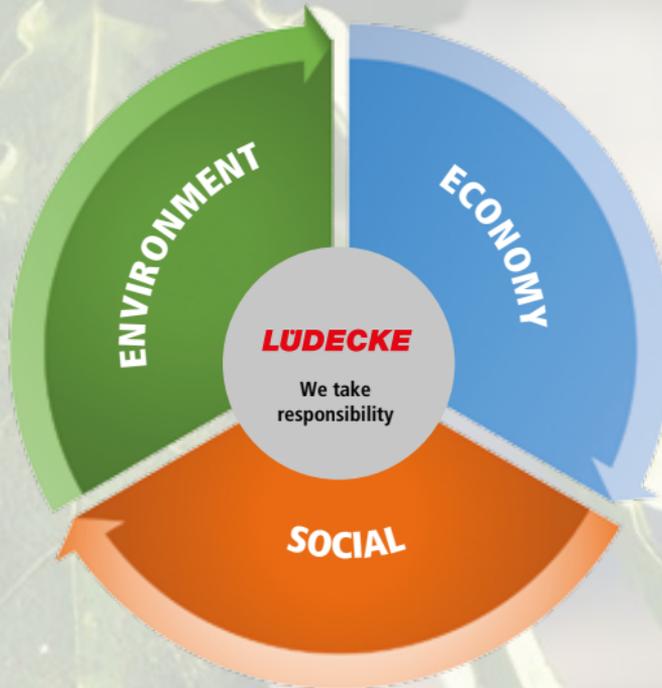
Sincerely yours,



Klaus Herdegen



Photo: Photography Sommer



It is our duty to take responsibility and to act sustainably in all our activities. Apart from ecological, this also includes economic and social aspects.

It's our goal to become even more efficient in the long term, taking into account all three areas and thus creating added value for all parties involved.

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We only have this one world.

The sentence makes us aware of the importance of carefully dealing with our planet. Sustainable acting in the interest of the environment starts with each individual and can be perceived in all areas of the company. Even small things help to protect the climate and the environment and to preserve our natural resources.

With our „Green Company“ concept, we have set ourselves the goal to apply this ecological responsibility to the entire company. This regards our products, the building and production as well as numerous other activities.

We want to show that ecological and economic acting is not a contradiction and doesn't mean higher costs. Both things can go hand in hand. Anyone who makes sustainable decisions can ensure long-term economic success.



Our goals are convincing: in 2015 we were certified for environmental management (ISO 14001-2004) and energy management (ISO 5001-2011).



LUDECKE Efficiency:

- Streamlined Valve
- Extremely high flow rates
- Low pressure drop
- Long lifetime
- High operational safety and absolute tightness



Products

Our products are what defines us. We are manufacturer of high quality coupling systems for a variety of media and applications and live our guiding principle „Engineered and Made in Germany“. **LUDECKE** products are offered via our certified technical partners. Or, the products are assembled/integrated by leading machine manufacturers in their own products. We are aware of this responsibility.

Materials

Thus, it is our goal, to supply premium coupling systems with a long durability and a good life cycle assessment.

We only use tested and reusable materials, free of any harmful substances (RoHs Directive, e.g., chrome-VI-free yellow passivation). These materials are almost entirely from Germany or Europe. All products are subjected to a comprehensive quality assurance, what warrants a long product lifecycle, maximum safety and the prevention of expensive leakage losses.

Function

On our quick connect couplings, we permanently carry out fluid mechanics optimisations. This ensures increased flow rates and reduced energy, which allows our customers to work even more energetically and to save costs during operation.



Production

We guarantee energy efficiency and the protection of natural resources with our products and also our production

Power

At **LUDECKE** 100% of our products are produced with locally generated green electricity. Instead of atomic and coal-based electricity, we rely on an eco-mix of at least 50% certified green electricity (mainly hydropower from Bavaria) and max. 50% cogenerated electricity from highly efficient natural gas-powered combined heat and power plants.

Heating

Since 2015 we are producing more ecological and sustainable thanks to the ONI heat recovery system. Due to a special system technology, the waste heat from the production is used for heating purposes (for example, office rooms, production halls or social rooms). This means: instead of releasing the unused waste heat to the environment, it is transferred via our heat recovery into free heat and thus replaces expensive energy sources such as fuel oil or natural gas. Moreover, there are no more costs that would be necessary for the operation of a cooling system. This allows us to significantly reduce energy consumption and environmental impact while creating a comfortable and balanced room climate.



Production

Air

For perfect conditions in our production, high-quality filter systems are being used. As a result, aerosols are vacuumed and packaged for disposal. The ventilation system in turn has a positive effect on the health of our employees and at the same time reduces the maintenance effort on the machines.

Material resources

While manufacturing our couplings and fittings, some secondary products are occurring, such as chips from different materials. This „waste“ is not dumped into the garbage. It can be reused after a melting process.

Dispatch

We always strive to optimize the delivery of our products. As far as possible, orders are collected and send together to customers. As packaging we mainly use recyclable cartons and reusable boxes as well as pallets. We reduce the use of foils to a minimum.



We meet highest requirements: Since 1994 the quality management of **LUDECKE** GmbH has been certified according to ISO 9001-2008.



Do we have any greater task than maintain the creation and so to preserve the posterity?
I don't know any other one.

Richard von Weizsäcker



Other Activities

It's our goal to integrate „Green Company“ in every sector of our Company. Even secondary things can contribute and save energy and resources. Thus, each of our employees makes sure to separate their waste and to reduce their paper consumption. If rooms are not being used, the electricity turns off automatically. We are always taking care to select reusable or recyclable materials for our promotion materials. If it's possible we're producing the gifts for our customers by ourselves.

A particularly matter close to our hearts is the project “Beesharing” in cooperation with the beekeeping society Sulzbach-Rosenberg. With this unique project **LUDECKE** is drawing attention about apiculture. The bee hives are located in our own park with different kinds of fruit trees and a huge flower meadow. The results are impressive: Besides happy and healthy bees and an excellent honey, our trees are bearing a lot of fruit which means also a delightful **LUDECKE** apple juice for our employees.

The **LUDECKE**-pond on our company area with the affiliated green area provides a safe haven for ducks, birds, dragonflies and other animal visitors. In cooperation with the schools in the region we're going to build a variety of insect hotels.



LÜDECKE - long term partner an quality supplier



To act sustainable and at the same time economical on a permanent base every party of a company needs to be involved. **LUDECKE** isn't working isolated, but in cooperation with suppliers, customers and regional institutions. Therefore, we're having precisely defined standards to guarantee transparency, safety, fairness and durability to all participants. For us, these values are standing as a fundamental direction for a collective process.

Customers

Our customers provide the biggest expression of confidence while ordering **LUDECKE**-products. To maintain the trust of our customers is our highest goal.

For our existing and potential customers we like to be the first choice supplier and to perfectly fulfil their needs regarding to quality, functionality, productivity, security, price and sustainability.

Furthermore, we're conscious offering first-class service all the time. This includes an individual and comprehensive advice, transparent implementation of projects and an extensive marketing support. We're communicating our product modifications and innovations early on. Every customer receives his own contact person. In this way we ensure even in the case of a problem quick and competent help.



MADE IN GERMANY - Our Slogan is being implemented continuously



Suppliers

We're receiving our high-quality materials from carefully selected and tested suppliers. Thereby we focus on a long-standing and reliable business relationship. While the consideration of our suppliers we take care, that they satisfy our sophisticated requirements, regarding to quality, service and sustainability. In our view, a continuous and transparent communication is self-evident.

Furthermore, we always strive to cooperate with suppliers in our region or to our local area. We obtain 94.5 % of our manufactured material from Germany, about 5 % from other European countries. Due to shorter transport routes we're saving costs and reduce the environmental pollution.

Local business development

We're a medium-size, family-run company and deeply rooted with Amberg and the region. Supporting the local Economy is a personal matter for us.

If it's possible, we're cooperating with local companies. This also includes regional institutions for disabled persons. Since 2014 the existing contract with the east-Bavarian technical university Amberg-Weiden strengthens and underlines the good long-time cooperation between students, professors and **LUDECKE**.



„The perfect connection“ does not just mean to connect different media. Our goal is to unite employees, companies and the society in an optimal way and to ensure a harmonious and durable coexistence.

Employees

A company is just as good as his employees – and they are our top priority. We want our employees to feel comfortable. This is the only way to achieve best performances. At **LUDECKE** every single one contributes to our company success and receives the necessary support.

Workplace

We attach importance to modern spaces and well-equipped workplaces. Furthermore, we make it possible to participate to internal and external training programs and further education. We are especially proud of our first-class trainee program. Moreover, our employees receive the maximum on flexibility: Flextime, flexible timetables, home office, etc. are part of our work routine. That's how we guarantee the best compatibility between work and private life.

Communication

We emphasize an open and honest communication, permanent communication flow, individual autonomy for our employees, variety of ideas as well as collegiality and mutual respect.



Achieve goals together and shape the future



Photo: Marcus Reimann



Teamwork is very important – that's the only way to grow together.

At **LUDECKE** a contact person for every issue is available all the time. Employees can go up to their supervisor directly, as well as the management and the worker's council. Both bodies are constantly in touch to exchange information directly and to find the best common solution.

Health

For **LUDECKE** it's a great concern to keep our employees healthy. The work stations themselves are set up ergonomically and user-friendly. By the end of 2016 our new canteen opens. For favourable prices there will be healthy, balanced and varied food. We offer the opportunity of an additional health provision, company pension and the participation to sports events as well as health days.

Society

We are conscious of the responsibility towards the society and the region. Therefore, it's a pleasure for us to get involved in social, cultural and other projects in many different areas. We're supporting actively the Air Museum Amberg, the Gertrud and Klaus Conrad Foundation as well as numerous schools and sport clubs in our region.



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