



We are dedicated to making
a difference wherever and
whenever we can.

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About us

ROBE green

We are dedicated to making a difference wherever and whenever we can.

Caring for the environment means doing things that will keep the Earth healthy.

It's up to us to do what we can to care for the environment. There are plenty of ways to be green and make eco-friendly choices that help our planet!



Since 1994

ROBE s.r.o. is a global company that pursues a proactive policy of sustainable trading and business practices where possible, and takes its responsibility to employees, the community, and the planet very seriously. The company has focused on this approach to its development and growth since it was founded in 1994. Since then, it has been committed to ensuring that both its production processes and products are genuinely greener and more environmentally friendly.

The interest in bringing innovative and emerging technologies to the market can be traced back to the company's roots. The "Think of the Future Consider Nature" marketing campaign was one of many memorable early brand activations from the last decade, highlighting a philosophy at the heart of ROBE's operation.



THINK OF THE
CONSIDER **FUTURE**



Compound

Soil Protection

From the very beginning, we proudly renovated old industrial premises instead of building on a Greenfield site. The company is based in the Czech Republic and all processes involved in making the luminaires are undertaken locally in a 75.000 square metre premises consisting of a reconstructed brownfield.

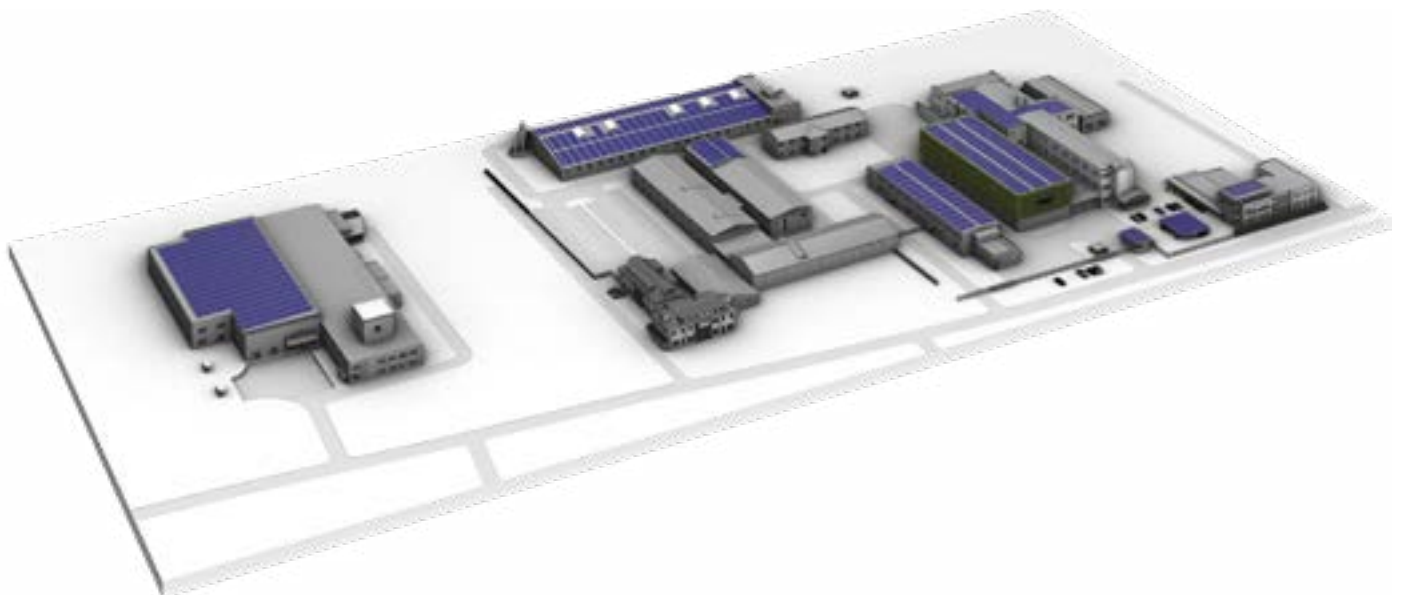
Recultivation

The problem of recultivation in conditions of a constantly increasing area of disturbed lands acquires great socio-economic and ecological significance. The issue of recultivation is always included in our projects for the construction and renovation of old premises and in the plans of land management.

2995

Solar panels

Besides providing us with light and warmth, solar energy helps us save non-reusable energy sources. We started taking all the necessary steps to take advantage of solar energy at the beginning of 2022. A photovoltaic system with a peak power of 1,3 MWp is installed on the roofs of ROBE's factory buildings in Valasske Mezirici order to generate electricity from sunlight.





Using sunlight to create electric energy not only helps lower CO₂ emissions but also lowers energy costs.



1.08 GWh

1 year electricity production



552.17 t

CO₂ emission reduced



25,361

Equivalent to the planting of 25,361 new trees

Compound

Energy balance

Produced energy	1,266,630 kWh/year
Produced energy offtake	1,018,320 kWh/year
Electrical energy supplied to network	80%
Building energy consumption	248,310 kWh/year
CO ₂ savings	526.5 ton/year
Self-sufficiency	32%



Heat recuperation

Connecting electricity and heat

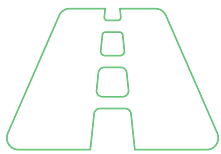
Generating electricity and heat at once? Yes. Thanks to the planned cogeneration units we'll be able to generate electricity and use the excess heat for Robe production spaces and office heating.



Compound

Considering our footprint

It's up to each of us, how we'll decide to help the environment. ROBE chooses reusable sources of energy and we are doing our part in other environmentally-friendly activities and our production set-up. Take a look at what we do and how we help the planet by our eco-optimized processes.



Shortening delivery route

All elements of the manufacturing process – including plastic moulding, metalwork, PCB production, optical testing, etc., – are completed in house and 85% of all used components are also sourced from within the EU. Building a manufacturing base in the Czech Republic was a conscious decision to initiate shorter supply chains with less transportation required to assemble the finished products.

Since shortening the delivery route in 2016 we have saved **3.2 t** of CO₂ that represents **150 trees**.

Production instructions

We reduce paper consumption as much as we can. We do not print any production instructions. All the production instructions are communicated via energy-saving LED screens in the production workshops.

By using energy saving LED screens instead of paper documents we're saving **1.3 t** of CO₂ per year that represents **60 trees**.

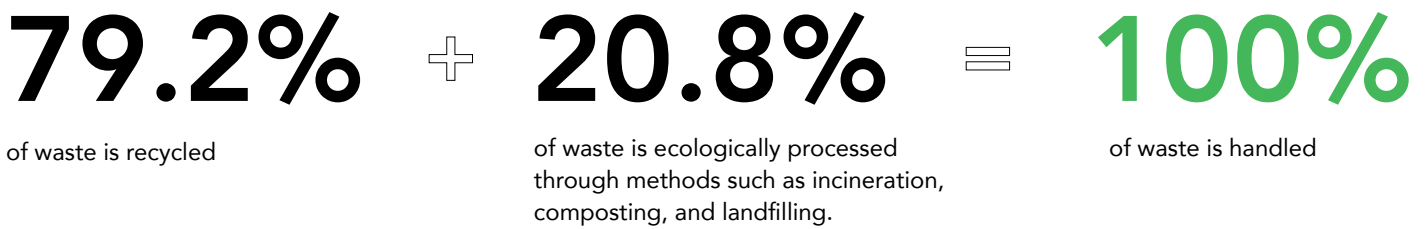
Final Packing of Products

Packaging of component and products, to stay working smartly and sustainably, and to measure our impact on the environment, we are constantly setting targets for self-improvement through reviewing, updating, and implementing policies and working practices at our factory. In addition to recycled polystyrene and ecological film that has been used for many years in the company we try to find a fully ecological replacement.

Compound

Sustainable Waste Management

We're constantly monitoring the materials and techniques used to ensure that waste is minimised and that all our manufacturing processes are as clean as possible and not consuming excesses of water and electricity. Recycling is actively promoted in all departments and we're still looking for the new ways to reuse waste and new ways of recycling.



We Are Using Renewable Energy

Electric cars are setting new environmental standards and, in the future, they will partly replace cars running on fossil fuels. Electromobility and renewable energy are part of the transport infrastructure that helps reduce man-made climate change. We already use six electric cars and three plug-in hybrids in our company and we're in the process of acquiring more electric and plug-in hybrid cars. In 2016, we made an electric car charging point available for public use at our factory. This has been supplemented by five new solar energy car charging stations in the first quarter of 2023, along with 12 additional charging points inside the factory premises.

1. 

The first electromobile charger in the neighborhood.



Photovoltaic Power Plant



We are adding electromobiles into our car fleet gradually

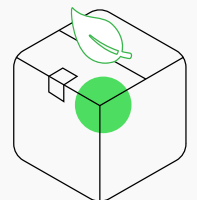


Product

ROBE Products Are Designed To Last

Product longevity for resource conservation - ROBE products are designed to last and offer long-term reliability, engineered and built for continuity between generations of 'industry standard' luminaires, applying sustainability across ROBE's entire portfolio.

Making every product as versatile as possible ensures maximization of the invested resources and energy with each one working on as many different events as possible during its lifespan.



Making products maintainable

Most recently, ROBE was the first company to develop a fully 'TRANSFERABLE' LED light engine for professional stage lighting products, making the exchange of the engine a simple procedure that can be carried out in just a few minutes. This "TE™" technology is born from real practical experience and several years of development. It ushers in a new mindset, as well as improving the overall quality of LED lighting and boosting its longevity and relevance.

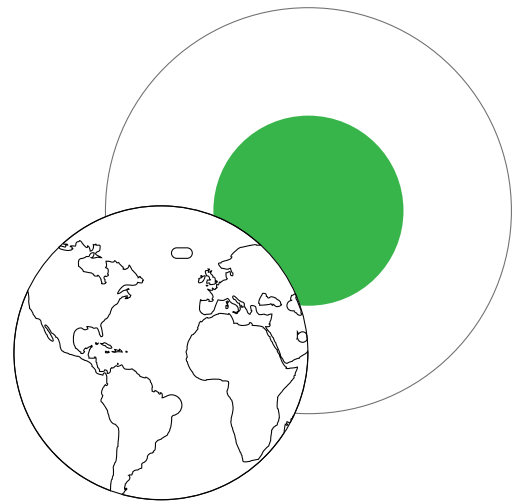
Green Marketing

Green marketing

Green marketing - ROBE believes in using its business, resources, and influence to inspire much wider and 'bigger picture' solutions in the world of entertainment and architectural lighting, and by harnessing the power and potential of new technologies to assist in contributing to a healthy environment that will help safeguard a future for all. That's why also our marketing walks on a green path.

We're in the process of supplying our merchandise in eco-friendly packaging, as well as eliminating the printing of leaflets to lower paper consumption and save energy during the printing process.

We do not use plastic...
When possible we prefer online...



Product documentation is **digital only** since 2019

By the decision we're saving **19,612 kg** of CO₂ which represents **902 trees** per year.



Instruction product manuals are **digital only** since 2022

We have digitized instruction manuals and therefore we're saving **8,293.7 kg** of CO₂. That represents **382 trees** per year.



We do not support any print media advertising since 2022. **Online only.**

By canceling print advertisements we're saving **53,521.7 kg** of CO₂, that represents **2,462 trees** per year.

Green Marketing



Humans are a core driver for sustainability - It is our belief that ROBE's strength lies in its people. We are proud of our low staff turnover and high loyalty, and the welfare and well-being of those working in all departments is central to our day-to-day operations. Everyone can enjoy a positive, clean working environment where staff facilities include a contemporary canteen with nutritious food.

We cook for our 900 employees every day, our meal is served on re-usable plates with no plastic materials included and our employees do not need to travel having a lunch by the car which lowers CO₂ emissions.

There are no plastic lunch boxes or any other plastic packaging in our canteen. We have reduced production of CO₂ by using good old porcelain plates. By the decision we're saving **6,812 kg** of CO₂, that represents **313 trees** per year.

Walking to have lunch is healthy for us as well as for the planet. By having a company canteen, daily CO₂ savings represents **38 kg** or **1.7 trees** and **8,571 kg** of CO₂ or **394 trees** per year.

Company ecologist

We prioritize aligning our processes with legal requirements for environmental protection, ensuring compliance. Additionally, we rigorously verify our data to obtain certifications like Environmental Product Declarations, demonstrating our commitment to environmental responsibility. We actively monitor our Carbon Footprint, striving for emission reduction and taking proactive measures to prevent the release of CO₂ and other greenhouse gases.

"Even if we only live once, we should consider that we are not the last generation on this planet. What will we leave behind for our children?"

ROBE Family activities

It's all about the people and our employees are proudly included in our ecological thinking participating in different projects, such as commuting to work on bicycles instead of cars, planting trees, and proper waste sorting.

Commuting by bike is saving **1,032 kg** of CO₂, that represents 47 trees per year, compared with a diesel car or **1,196 kg** of CO₂, that represents **55 trees** compared with a gasoline car.



Green Marketing

Achieving Sustainable Excellence

We are proud to announce that ROBE has been awarded the prestigious Sustainable Company Certification 2023. This recognition reflects our commitment to environmental sustainability and responsible practices. One of the key initiatives that contributed to this achievement is our Ekolamp take-back compliance scheme, ensuring the proper disposal and recycling of lighting products. We remain dedicated to making a positive impact and setting an example for a greener future.

[You can see the certificate here](#)



Thinking and acting for the long term

ROBE believes in using its business, resources, and influence to inspire much wider and 'bigger picture' solutions not only in the world of entertainment and architectural lighting, and by harnessing the power and potential of new technologies to assist in contributing to a healthy environment that will help safeguard a future for all.

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