

# Press Release

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## Sustainability

# "Sustainability is a matter of course for us"

**Arnsberg, April 2022 – Energy-efficient products and solutions, economical use of resources, circular economy and a clean supply chain – TRILUX successfully takes a holistic approach to the topics of sustainability.**

The road map is set: TRILUX will achieve climate neutrality at all German locations by 2025. Ambitious targets also exist for the entire TRILUX Group. The path is set by a holistic sustainability strategy that flows into all projects, processes and products, from product development, materials utilisation, packaging and transport routes to the reuse or recycling of luminaires at the end of their service life. "We consistently and continuously look for optimisation potential at all levels to minimise our ecological footprint," states Hubertus Volmert, CEO at TRILUX. "At the same time, our energy-efficient and sustainable products and solutions support many companies and communities in achieving their own sustainability goals." For TRILUX, the important issue of reducing greenhouse gas emissions does not end at its own company gates. "We also drive forward sustainability for customers, partners and our society in general," says Volmert. For the family-owned company in the Sauerland region of Germany, this includes internal research projects as well as involvement in national and international research groups. Four current examples show how and where TRILUX is involved.

### **V.Offices – Poland's most sustainable office building**

Attractive, efficient, excellent: The V.Offices office complex in Krakow was awarded a score of 98.87 percent by BREEAM, the international rating system for environmental and sociocultural aspects of building sustainability. This makes the iconic structure the most efficient office building in Poland and one of the most sustainable in the world. A central component for the outstanding score is the energy-efficient lighting solutions from TRILUX. They significantly minimize energy consumption for lighting in interaction with the TRILUX LiveLink light management system. With a total of 1,540 luminaires for indoor and outdoor use, TRILUX implemented the entire project as a complete supplier. Maximum efficiency, excellent visual comfort and minimal light pollution - all factors that go into the BREEAM scores.



(Photos: TRILUX)

### **TRIPOLIS – a listed miracle of efficiency with TRI sensors**

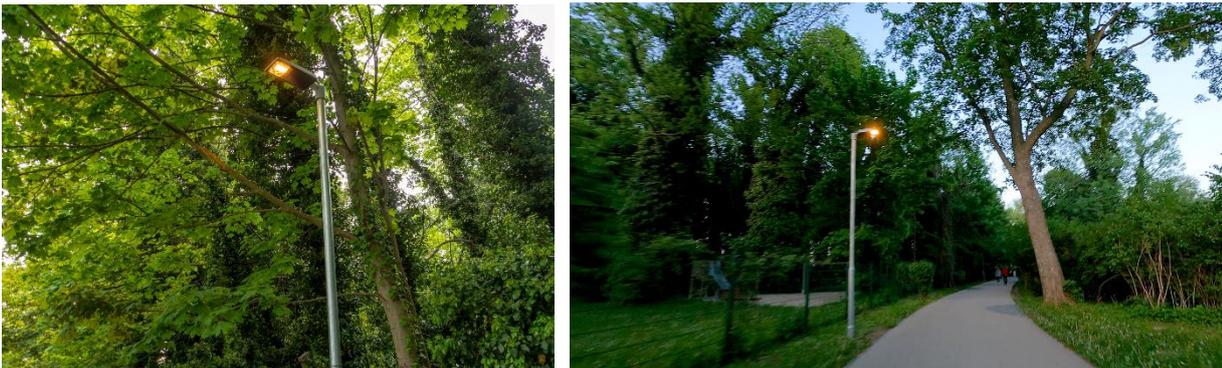
A prime example of energy efficiency and user comfort is the TRIPOLIS project in Amsterdam (NL), implemented by TRILUX to June 2022, the largest construction project in the more than 100-year history of the company. The task: to transform the listed site with 49,000 square metres of office space into an ultra-modern, attractive working environment that sets new standards in terms of indoor climate and sustainability. A total of 10,000 TRILUX luminaires are used in the interiors, with a special sensor developed by TRILUX and the company Chess Wise installed in 3,000 of these. The TRI sensor records data such as temperature, air flow and CO<sub>2</sub> content in the air and delivers the most precise results on the market to date for precisely regulating heat, air and light in the room, thus creating a healthy working environment that promotes creativity. This is a significant contribution to paving the way for future work environments.



(Photos: MVRDV)

### **Cycle path at Lake Templin – ecological outdoor lighting for Potsdam**

The city of Potsdam was on the lookout for a smart lighting solution for its cycle path at Lake Templin that creates optimal visual conditions for passers-by and minimises disruptive effects on flora and fauna. The choice fell on TRILUX and the company's energy-efficient Jovie LED luminaires, networked and precisely controlled via the LiveLink Outdoor light management system. A smart feature of the system is 'running light' that accompanies cyclists on their way along the waterfront. If there are no people in the detection range of the sensors the basic brightness of the luminaires is dimmed to 50 percent. During the night between 10 pm and 5 am the basic level drops down to just 10 percent, thus protecting the environment and reducing energy costs. The light colour was also selected according to ecological criteria (insects are particularly attracted to light with a high blue component). The warm white 2,700 Kelvin light colour of Jovie LED luminaires is particularly insect-friendly.



(Photos: TRILUX)

### **SUMATRA – researching and leading the way together**

SUMATRA ( **Sustainable Materials-** from **Recycling** back to **Application**) is a project consortium of industry and science funded by the German Federal Ministry for Economic Affairs and Energy (BMWi). It is looking for innovative answers on how to further improve the efficiency of lighting systems. Among other things, the entire product life cycle is being scrutinized with the aim of minimizing resource consumption through new, alternative utilization concepts. Here, TRILUX is already one of the industry pioneers with forward-looking service solutions such as "Rent instead of Buy" or "Pay per Use". The principle: The lighting remains in the possession of TRILUX after the end of the contractually agreed use and is then ecologically optimally recycled. Through alternative use scenarios, targeted recycling of certain components or recovery of raw materials, for example.

## About TRILUX

TRILUX SIMPLIFY YOUR LIGHT represents the most simple and reliable path to customised, energy-efficient and future-capable lighting solutions. In the dynamic and increasingly complex lighting market, customers are provided with optimal advice, ideal orientation and perfect light. In order to ensure this claim TRILUX accesses a broad portfolio of technologies and services as well as efficient partners and companies within the TRILUX Group. The lighting specialist brings together individual components to create tailor-made complete solutions – always perfectly matched to customer requirements and the field of application. This allows complex and extensive projects to be simply and rapidly implemented from a single source. According to the principle of SIMPLIFY YOUR LIGHT, easy planning, installation and use is the focus of customer solutions in addition to quality and efficiency.

The TRILUX Group has six production locations in Europe and Asia and supports international customers with 30 subsidiaries and many sales partners. The Light division includes the brands of TRILUX SIMPLIFY YOUR LIGHT, Oktalite and Zalux. Associated companies include wtec, Crosscan, ICT and the online platform watt24. The Innovation Centre, as a division for research and development, bundles innovative power under the roof of TRILUX. The TRILUX Akademie has locations in Germany, Austria, the Netherlands, Belgium, the United Kingdom, France, Switzerland and the United Arab Emirates, and communicates expertise concerning themes, trends and new developments in the lighting sector. The company employs approximately 5,000 employees worldwide, with headquarters at Arnsberg in Germany.

For more information, visit [www.trilux.com](http://www.trilux.com).

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