

PRESS INFORMATION

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SwissOptic AG – consistent investments in energy saving technologies

Being environmental friendly is an important topic in many ways, also at the Swiss facility of the Berliner Glass Group, SwissOptic AG. By continuously investing in energy-saving technologies in the course of the last few years, SwissOptic has reduced energy consumption by 5.6 GWh compared to the reference year 2014. This corresponds to the average annual consumption of approximately 1000 households.

An important focus of all investments was to avoid fossil fuels whenever possible. By doing so, the annual consumption of natural gas was reduced from well over 1000 MWh to just over 40 MWh, which resulted in saving nearly 200 tons of CO₂ emission.

An obvious step was to replace most of the lighting with LED's and optimizing energy consumption here by installing motion sensors in general areas. A major cornerstone of the energy saving was the complete replacement of the media center including a complex air conditioning system for the shop floors, the provision for process- and cooling water as well as compressed air and nitrogen gas supplies. The renewal not only greatly reduced energy consumption, but also improved process stability, which in turn positively contributes to productivity and yield in production.

In total, the equivalent of 560 tons of CO₂ emissions was avoided since 2014. The 2023 goals agreed with the EnAW to have been overachieved already in 2018, but SwissOptic will continue to seek improvement of its energy efficiency by using environmental-friendly technologies.

About the Berliner Glas Group:

The Berliner Glas Group is one of the world's leading providers of optical key components, assemblies and systems, high-quality refined technical glass as well as glass touch assemblies. With more than 1,500 employees, the BERLINER GLAS GROUP develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. As OEM partners from concept to volume production, the Berliner Glas Group companies serve innovative customers in various market segments – semiconductor industry, laser and space technology, medical technology, metrology and the display industry.

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