

OPTIMISING THE LIGHTING SYSTEM PRYSMIAN GROUP GERMANY

PROFILE



material industry
leading cable supplier



1,350 employees in Germany



€920 mio. turnover in 2019



Project Period: 11/2016 until now
General contracting agreement for
all sites in Germany

CUSTOMER GOAL / CUSTOMER BENEFIT



- ❑ Optimisation of the energy consumption of the lighting systems at three locations through the use of LEDs
- ❑ Reduction of energy and operating costs
- ❑ Improvement of the lighting level

#LIGHTING #CO2-REDUCTION #ENERGY EFFICIENCY #CONCEPTION
#IMPLEMENTATION #CO-RESPONSIBILITY OF TILIA THROUGH
PERFORMANCE-RELATED REMUNERATION

OUR SERVICES / FIELDS OF ACTIVITY



- ❑ Stocktaking and new planning of the lighting system
- ❑ Conversion of the lighting systems in three plants including renewal of the cabling
- ❑ Repairs over the term of the respective contract

RESULTS



- ❑ Reduction of CO₂ emissions by 2,833 t/year
- ❑ Average reduction of energy purchase costs of the lighting system by 75%
- ❑ Significant improvement in lighting quality

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Project Period: 09/2017 until now
General contracting agreement for
all sites in Germany

CUSTOMER GOAL / CUSTOMER BENEFIT



- ❑ Fundamental renewal of the compressed air production
- ❑ Optimization of energy consumption
- ❑ Reduction of energy and operating costs

COMPRESSED AIR # CO2-REDUCTION # ENERGY EFFICIENCY
CONCEPTION # IMPLEMENTATION # CO-RESPONSIBILITY OF TILIA
THROUGH PERFORMANCE-RELATED REMUNERATION

OUR SERVICES / FIELDS OF ACTIVITY



- ❑ Design of the new compressed air generation system on the basis of load profile measurements
- ❑ Construction and commissioning of the new plant
- ❑ Full maintenance over the term of the contract

RESULTS



- ❑ Reduction of CO2 emissions by 240 t/year
- ❑ Reduction of electricity consumption for compressed air production by 17%
- ❑ Reduction of electricity and maintenance costs by approx. 24%