

The following environment report for the aleo solar GmbH (including the daughter company aleo sunrise GmbH), Marius-Eriksen-Straße 1 in 17291 Prenzlau includes the period from 01/01/2017 – 31/12/2017.

1. emission air pollutants

parameter	2017 – annual quantity in tons	Previous period 2016 - annual quantity in tons
SOX	0	0
NOX	0	0
VOC	5,84	13,56
fine dust	0	0
ozone-diminishing substances	0	0
perfluorocarbons (SF6 / NF3, CHF3, CF4, C2F6)	0	0

2. emission greenhouse gas

parameter	2017 – annual quantity in tons	Previous period 2016 - annual quantity in tons
CO2	4.130	4.599,5
CH4	0	0

3. waste disposal

parameter	2017 – annual quantity in tons	Previous period 2016 - annual quantity in tons
dangerous waste for utilisation(material/energetic)	0,92	1,16
dangerous waste for thermal removal	4,36	4.50
not dangerous waste for material utilisation	236,38	257,94
not dangerous waste for energetic utilisation	195,71	196,55
not dangerous waste for disposal	1,65	0

4. energy consumption

parameter	2017 – annual quantity in kWh	Previous period 2016 - annual quantity in kWh
electric energy	8.956.284	8.606.904
natural gas	1.630.413	1.153.284
fuel oil	0	0
grid feed of electric energy from own PV plant	121.622	138.061

5. water / wastewater consumption

parameter	2017 – annual quantity in m ³	Previous period 2016 - annual quantity in m ³
entire consumption of drinking water	3.938	4.502
entire consumption of drinking water production	1.399	1.423
entire consumption of waste water	3.938	4.502

6. Wastewater constituents

parameter	2017	previous period 2016
CSD (chemical oxygen demand)	<1300 mg/l	<1300 mg/l
BSD (biochemical oxygen demand)	<1300 mg/l	<1300 mg/l
heavy metals	<0,05 mg/l	<0.05 mg/l
solid content	<20 ml/l	<20 ml/l
pH-number	6.5 - 9	6.5 - 9
conductivity	<2000 µS/cm	<2000 µS/cm

7. Accident figures

parameter	2017	previous period 2016
Number of accidents: Work accidents (> 3 days downtime)	2	5
Number of first aid cases (without downtime):	38	47
Number of accidents: Road accidents	4	2
1 Mio hour quota (without road accidents) :	3,4	10,6