



## CARBON FOOTPRINT

... IS THE AMOUNT OF EMITTED GREENHOUSE GASES. CARBON FOOTPRINT MAY INVOLVE AN INDIVIDUAL, PRODUCT OR EVENT. BUT IT IS MOST OFTEN USED IN CONNECTION WITH THE PRODUCTS AND DEFINES THE AMOUNT OF ALL GREENHOUSE GASES, WHICH WERE RELEASED IN THE MANUFACTURE OF A PARTICULAR PRODUCT. SIMILAR PRODUCT CHARACTERISTICS IS USED TO SELECT THE PRODUCT WHOSE PRODUCTION HAS MINIMAL IMPACT ON THE ENVIRONMENT. THESE ARE INDICATORS OF ENVIRONMENTAL BURDEN THAT ARE DERIVED FROM THE OVERALL ENVIRONMENTAL IMPRINT. CARBON FOOTPRINT CALCULATION IN ACCORDANCE WITH ISO 14064 AND GHG PROTOCOL STANDARDS AND PRINCIPLES.

# ALLTUB CENTRAL EUROPE, s. r. o.

COMPANY

## Carbon Footprint Calculation of company

PRODUCT/AREA

**2016**  
YEAR OF  
CALCULATION

**2015**  
REFERENCE YEAR

RESULT

t CO<sub>2</sub> eq.

**DIRECT EMISSIONS TO AIR** 1,035.5 | 2.6%

Emissions from activities which fall under a particular company (e.g. emissions from furnaces in the company, company cars or emissions from industrial processes)

t CO<sub>2</sub> eq.

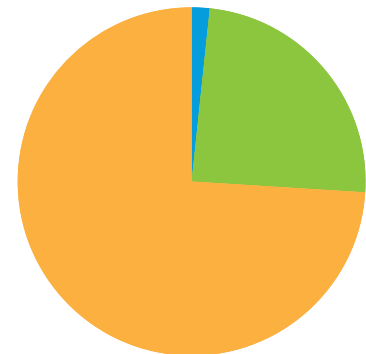
**INDIRECT EMISSIONS FROM PURCHASED ENERGY** 9,576.4 | 24.5%

Emissions which are not created directly in the company, but are the result of the company activities (e.g. purchase of electricity, heat or steam)

t CO<sub>2</sub> eq.

**OTHER INDIRECT EMISSIONS** 28,493.5 | 72.9%

Emissions which result from activities of the company but are not classified as "indirect emissions from purchased energy" (e.g. business trips by air, landfill of waste, etc.).



**39,105t CO<sub>2</sub> eq.**

TOTAL

**20.3 g CO<sub>2</sub> eq.**

CONVERTED PER PRODUCT (S1 + S2)

**Not defined**

DETERMINATION OF TREND

Compulsorily reportable emissions (Scope 1 and Scope 2) represent 1,035.5 and 9,576.4 tonnes CO<sub>2</sub>e, respectively. The most significant particular source of GHGs is electricity consumption, with 84.2% share in total S1 and S2 emissions. Scope 3 emissions were also evaluated, adding 72.9 % to the total carbon footprint of the company. However, there is no direct influence of Alltube Central Europe over these emissions. The most substantial part of S3 emissions is production of aluminium slugs, the key material purchased and manufactured in the company. Planned and implemented energy saving measures and change of heating will reduce Scope 1 and Scope 2 emissions.

RECOMMENDATION

**27. 9. 2017**

DATE

**Praha**

PLACE



SIGNATURE