



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.

Moravia Cans, a. s.

COMPANY

Carbon Footprint Calculation of company

PRODUKT/AREA

2017
YEAR OF
CALCULATION

2014-2016
REFERENCE YEAR

RESULT

t CO_{2e}
DIRECT EMISSIONS TO AIR **5,842.4** | **3.5%**

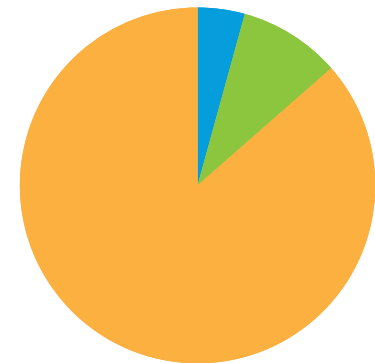
Emissions from activities which fall under a particular company (e.g. emissions from furnaces in the company, company cars or emissions from industrial processes)

t CO_{2e}
INDIRECT EMISSIONS FROM PURCHASED ENERGY **12,340.5** | **7.3%**

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_{2e}
OTHER INDIRECT EMISSIONS **150,433.5** | **89.2%**

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.).



168,616.4 t CO_{2e}

TOTAL

77.5 kg CO_{2e}

PER CZK 1,000 OF REVENUES

Increasing

DETERMINATION OF TREND

Total emissions of GHGs of Moravia Cans, a. s. increased between 2016-2017 by 38.7%, because of extending by a number of items in Scope 3, since 2016 and increasing production. Therefore, data for Scope 3 per periods 2011-2015 and 2016-2017 are not comparable. Compulsorily reportable emissions (Scope 1 and Scope 2) are comparable for the whole period 2011-2017 and there is significant declined by 6.9%. In accordance with the methodology of GHG Protocol, we compare 2016 emissions with regard to the moving average of emissions for the previous three years, ie. 2014, 2015 and 2016. Relevant ratio indicators (per product, revenue) decreased even more significantly. There is a positive conclusion that emissions decoupled from the output of the company.

RECOMMENDATION

15. 6. 2018

DATE

Rudná

PLACE



SIGNATURE