



## 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

**2015**  
YEAR OF  
CALCULATION

**2012-2014**  
REFERENCE YEAR

RESULT

**DIRECT EMISSIONS TO AIR** **4,774.5** **24.0%**  
t CO<sub>2</sub>e

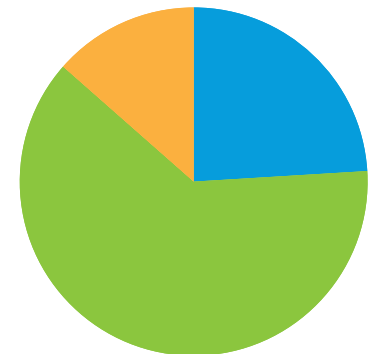
Emissions from activities which fall under a particular company (e.g. emissions from furnaces in the company, company cars or emissions from industrial processes)

**INDIRECT EMISSIONS FROM PURCHASED ENERGY** **12,405,6** **62.4%**  
t CO<sub>2</sub>e

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)

**OTHER INDIRECT EMISSIONS** **2,685.4** **13.5%**  
t CO<sub>2</sub>e

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.).



**19,865.5 t CO<sub>2</sub>e**

TOTAL

**11.5 kg CO<sub>2</sub>e**

PER CZK 1,000 OF REVENUES

**Increasing / decreasing**

DETERMINATION OF TREND

Total emissions of GHGs of Moravia Cans, a. s. increased in 2014-2015 by 4%. In accordance with the methodology of GHG Protocol, we compare 2015 emissions with regard to the moving average of emissions for the previous three years, ie. 2012, 2013 and 2014. In the given period there was a decrease in total greenhouse gas emissions (Scope 1, 2 and 3) by 4%. Compulsorily reportable emissions (Scope 1 and Scope 2) declined by 7%. Relevant ratio indicators decreased even more significantly. There is a positive conclusion that emissions decoupled from the output of the company.

RECOMMENDATION

**31. 3. 2016**

DATE

**Praha**

PLACE

**CI2, o.p.s.**  
Ke Školce 1519/51  
252 19 Rudná



SIGNATURE