



## 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.

# ACTI PACK CZ, a. s.

COMPANY

## Carbon Footprint Calculation of company

PRODUKT/AREA

2014

YEAR OF CALCULATION

n.d.

REFERENCE YEAR

RESULT

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

**DIRECT EMISSIONS TO AIR** 13.3 0.2 %

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.

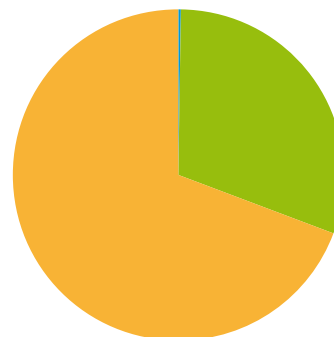
**INDIRECT EMISSIONS FROM PURCHASED ENERGY** 1,723.9 30.5 %

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** 3,913.7 69.3 %

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.).



**5,651 t CO<sub>2</sub> eq.**

TOTAL

**12.99 kg CO<sub>2</sub> eq.**

CONVERTED PER CZK 1000 OF TURNOVER

n.d.

DETERMINATION OF TREND

Majority (69%) of carbon footprint of ACTI PACK, a. s. is shaped by other indirect emissions (Scope 3), which are created from sources outside the control or ownership of the company. Primary it is production of plastic granules – key material for the company production – and their transport. Consumption of electricity is the second most important source of emissions (30%). Reducing electricity consumption will therefore be the most effective measure in lowering the overall carbon footprint.

RECOMMENDATION

12. 6. 2015

DATE

Praha

PLACE

CI2, o.p.s.  
Ke Školce 1319/5f  
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SIGNATURE