



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.

Vitana, a. s.

COMPANY

Carbon Footprint Calculation of company

PRODUKT/AREA

2014
YEAR OF
CALCULATION

2011-2013
REFERENCE YEAR

RESULT

DIRECT EMISSIONS TO AIR **3,457** **35.3 %**

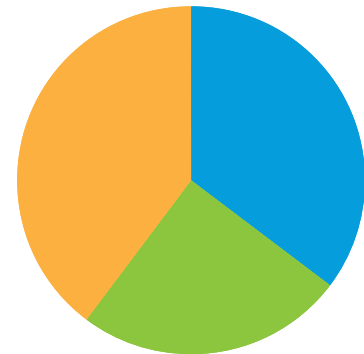
Emissions from activities which fall under a particular company (e.g. emissions from furnaces in the company, company cars or emissions from industrial processes)

INDIRECT EMISSIONS FROM PURCHASED ENERGY **2,442** **24.9 %**

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 **3,891** **39.7 %**

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.).



9,790 t CO₂e

TOTAL

2.81 kg CO₂e

PER CZK 1,000 OF REVENUES

decreasing

DETERMINATION OF TREND

Total emissions of GHG of Vitana, a. s. decreased in 2014 compared to referent years 2011-2013 by 20 %. Emissions (Scope 1 and Scope 2) related to the company's turnover fell in the reporting period by 19 % and reached 2,81 kg CO₂ ekv. / 1000 Kč of Vitana, a. s. Majority (67 %) of carbon footprint of Vitana is shaped by emissions from fossil fuel consumption (natural gas, electricity and oil). A major source of methane emissions is sludge (25 % of total CF). Reduced consumption or production of these three items will be most effective in reducing the overall carbon footprint.

RECOMMENDATION

31. 12. 2015

DATE

Praha

PLACE

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



SIGNATURE