



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 FOOTPRINT. CARBON FOOTPRINT CALCULATION IN ACCORDANCE WITH ISO 14064/2018 AND GHG PROTOCOL STANDARDS AND PRINCIPLES.

GEM Bohemia s. r. o.

COMPANY

Company Carbon Footprint

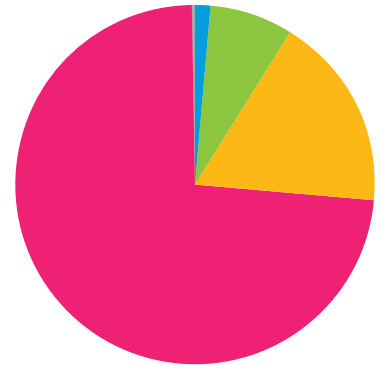
PRODUCT/AREA

2020
YEAR OF
CALCULATION

2020
BASE YEAR

RESULT

		Market-based emissions (t CO ₂ e)	Location-based emissions (t CO ₂ e)	Share (%)
CATEGORY 1	Direct GHG emissions and removals		126.1	1.5%
CATEGORY 2	Indirect GHG emissions from imported energy	614.0	899.5	7.4%
CATEGORY 3	Indirect GHG emissions from transportation		1,464.8	17.6%
CATEGORY 4	Indirect GHG emissions from products and services		6,107.1	73.5%
CATEGORY 5	Indirect GHG emissions associated with the use of products			
CATEGORY 6	Indirect GHG emissions from other sources			



INDICATORS AND TRENDS

0.025 t CO₂e

C1-C6 PER M CZK

103.9 t CO₂e

C1-C6 PER FTE

n.d.

C1-C6 PER PRODUCT

8,311.2 t CO₂e

TOTAL (C1-C6)

0.002 t CO₂e

C1+C2 PER M CZK

9.25 t CO₂e

C1+C2 PER FTE

n.d.

C1+C2 PER PROIDUCT

740.1 t CO₂e

TOTAL (C1+C2)

31. 05. 2021

DATE

Rudná

PLACE



SIGNATURE