

# CARBON FOOTPRINT 2020

## FERROCARRILS DE LA GENERALITAT DE CATALUNYA

# ChooseTheSustainablePath

At FGC we reaffirm our commitment to the fight against climate change and since 2018 we calculate our carbon footprint.

### What emissions have we generated?

#### Category 1: Direct GHG emissions



Emissions from fuel consumption in fixed sources, mobile sources and fugitive emissions.

↓28,18 % compared to 2018

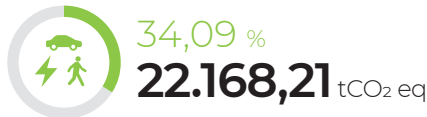
#### Category 2: Indirect GHG emissions from imported electricity



Emissions from electricity consumption, 99.71% of which comes from 100% renewable sources

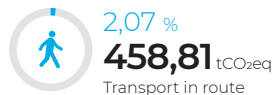
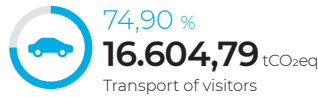
↓99,82 % compared to 2018

#### Category 3: Indirect GHG emissions from transport

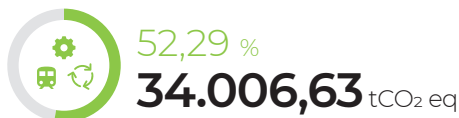


Emissions derived from the transport of visitors; of the transport, distribution and generation of fuel and energy; of the transport in route; and corporate travel.

↓36,46 % compared to 2018



#### Category 4: Indirect GHG emissions from products used by the organization

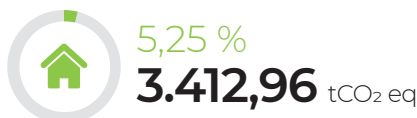


Emissions from the purchase of goods and services, capital goods and waste generation.

↓57,14 % compared to 2018



#### Category 5: Indirect GHG emissions associated with the use of the organization's products

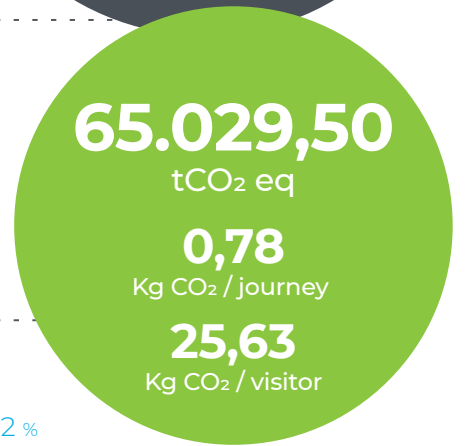


Issues arising from assets leased to third parties and investments.

↓14,87 % compared to 2018

The carbon footprint is the impact that have the activities we perform in the environment and is expressed in tons of CO<sub>2</sub> equivalent. It is calculated from the gas emissions with greenhouse effect (GHG) generated.

*To calculate the carbon footprint ISO-14064-1: 2018 and the GHG Protocol methodology has been used.*



FGC establishes 2018 as the base year for the comparison of the GHG emissions inventory, the first year in which the calculation of the carbon footprint of the organization has been performed. The calculation methodology used is ISO 14064-1: 2018.