

EMISSIONS

Rwanda's GHG Emissions

(Source: Rwanda's Nationally Determined Contribution)



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13%

Rwanda's greenhouse gas (GHG) emissions are from transport.

Rwanda currently imports all of its petroleum products and consumes

23 MILLION LITRES per month



X3

GHG emissions from transport are expected to triple by the year 2050.

SOURCE: Rwanda National GHG Inventory data (2019); Rwanda NDC

SOURCE: Rwanda Energy Group: <https://www.reg.rw/what-we-do/petroleum/>

SOURCE: Rwanda Third National Communication on Climate Change

GRAMS OF CO₂ PER PASSENGER
PER KILO METER TRAVELED:



Bicycle:
21 g



Passenger car:
271 g



Bus:
101g



Electric-assist
bicycle: 22 g

ELECTRIFICATION OF KIGALI'S

450



PUBLIC BUSES

would require an estimated 1.5 kWh/km to operate, which would reduce emissions from public transport.

SOURCE: GGGI and EV Consult. 2020. Quick Scan Charging Infrastructure for Kigali E-buses.

SOURCE: European Cycling Federation: <https://ecf.com/news-and-events/news/how-much-co2-does-cycling-really-save>