



Transporte

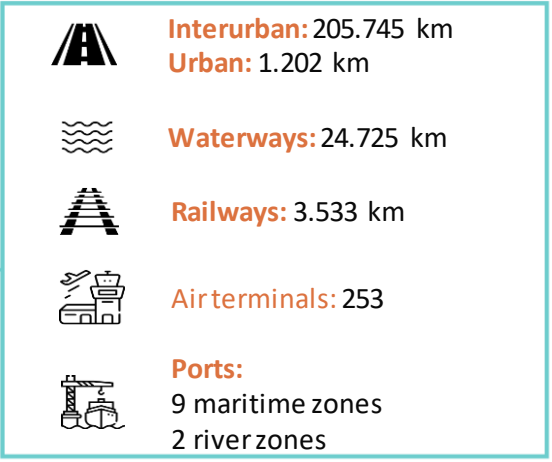
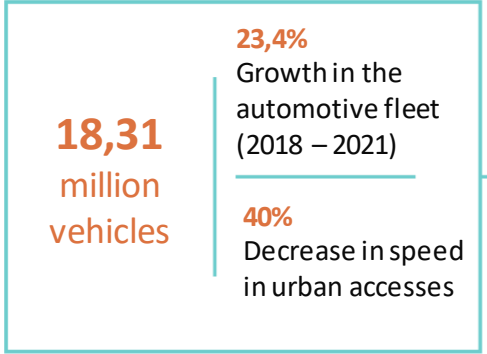
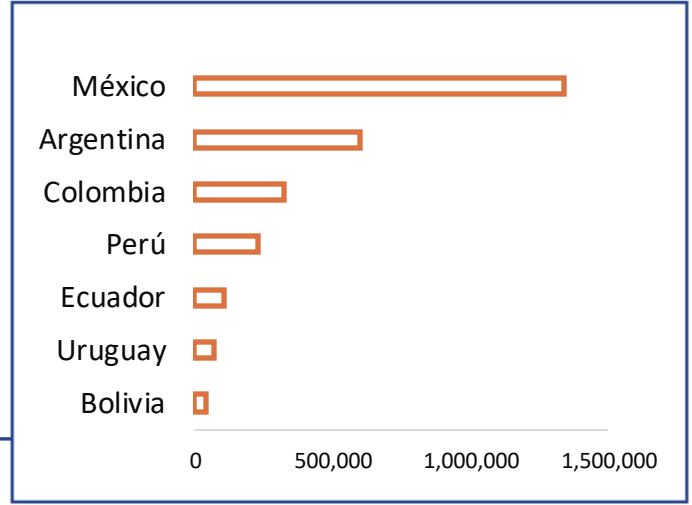
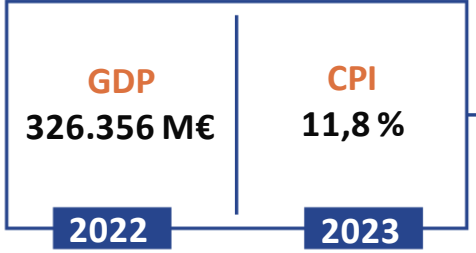
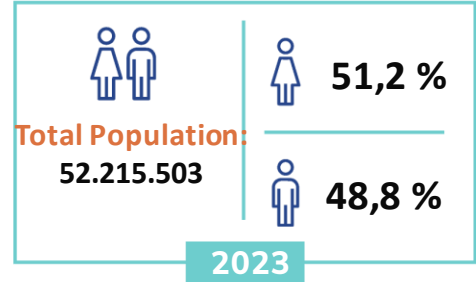


01. Transport sector diagnosis

Kolumbien, Weltmacht des Lebens

Colombia, World Power of Life

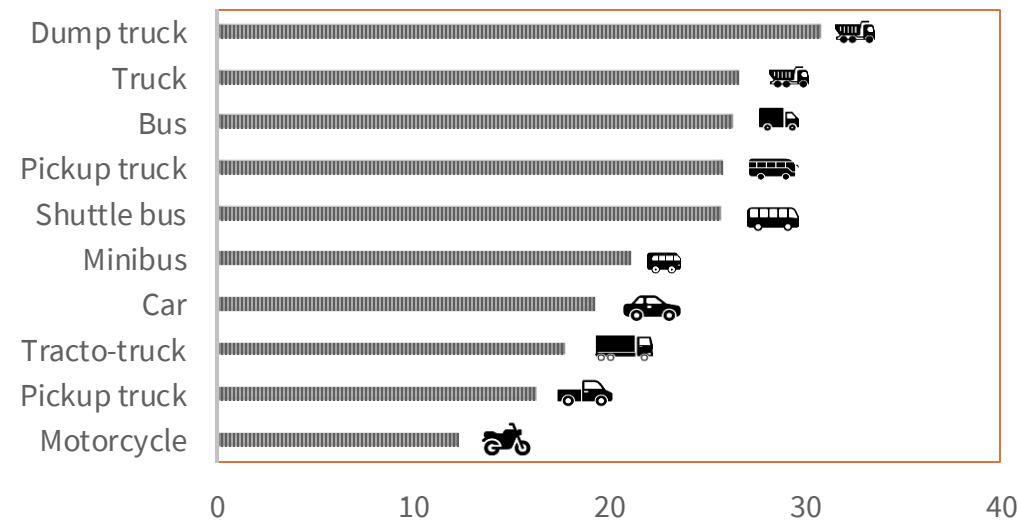
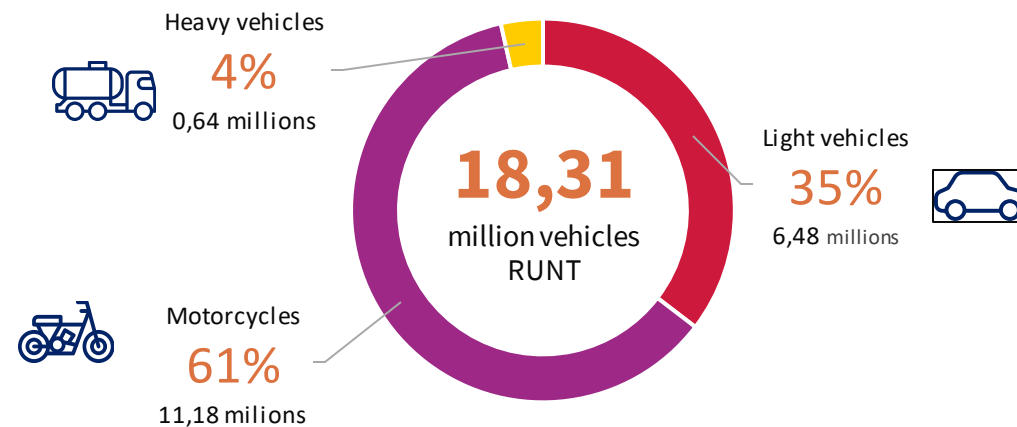
SUMMARY



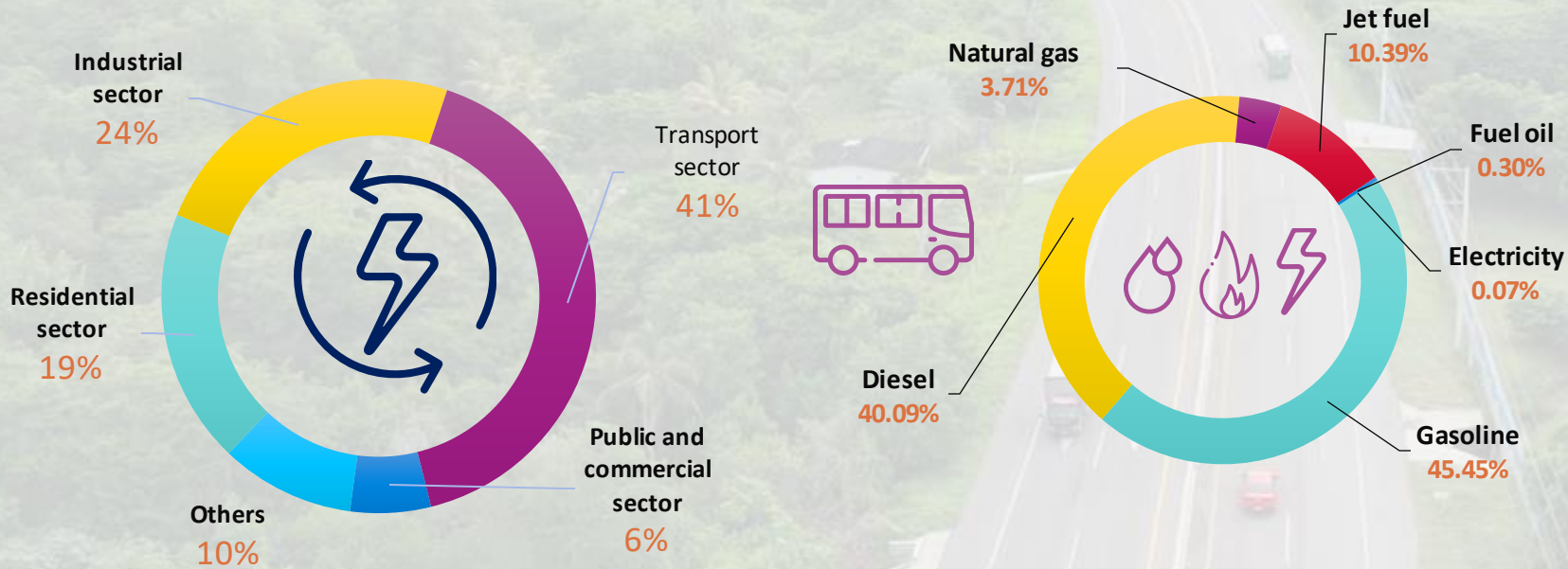


ON-ROAD VEHICLE FLEET

DISTRIBUTION OF THE VEHICLE FLEET



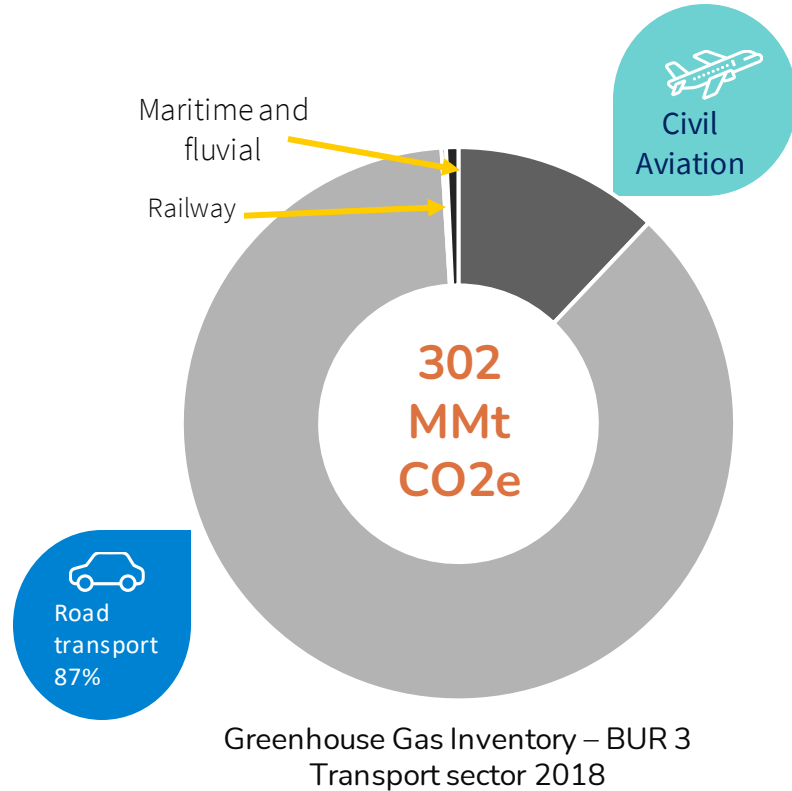
ENERGY CONSUMPTION



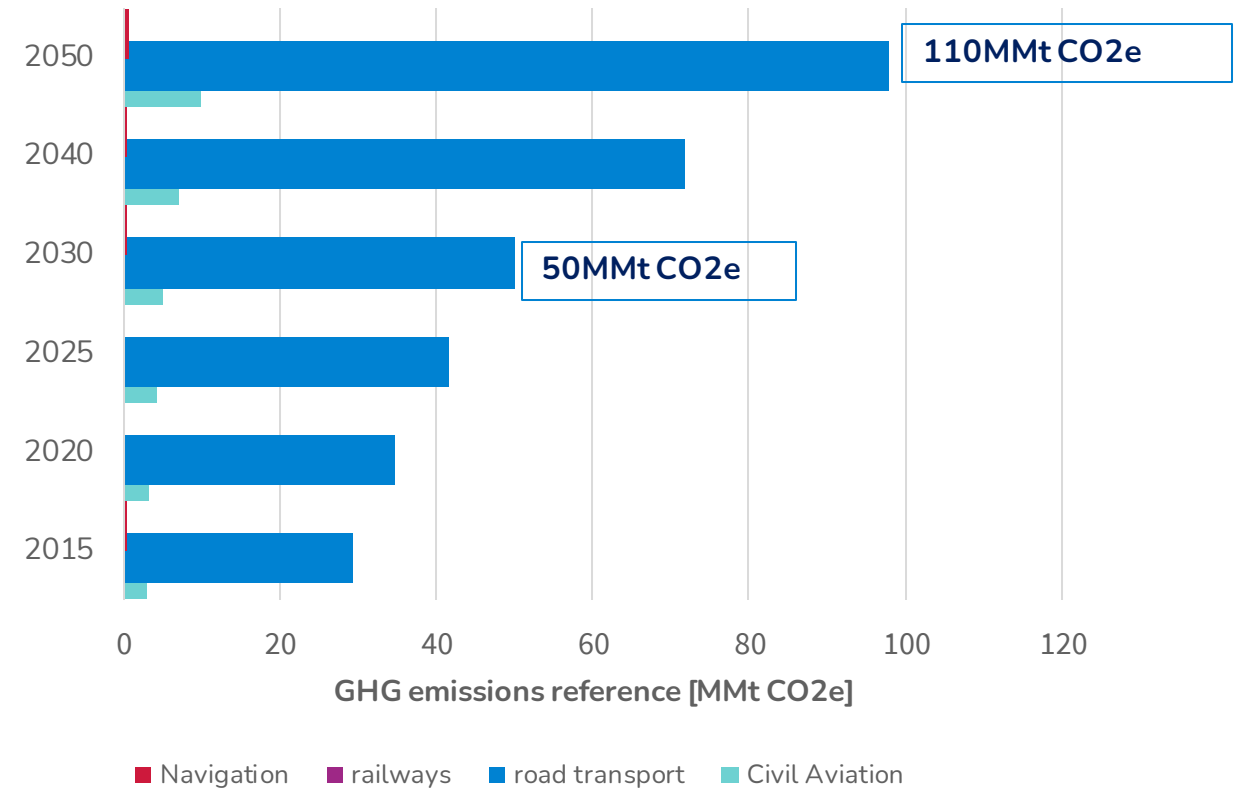
69 %
Inefficiency in
On-Road
transport (BEU,
2018)

GHG EMISSIONS

Climate change scenario

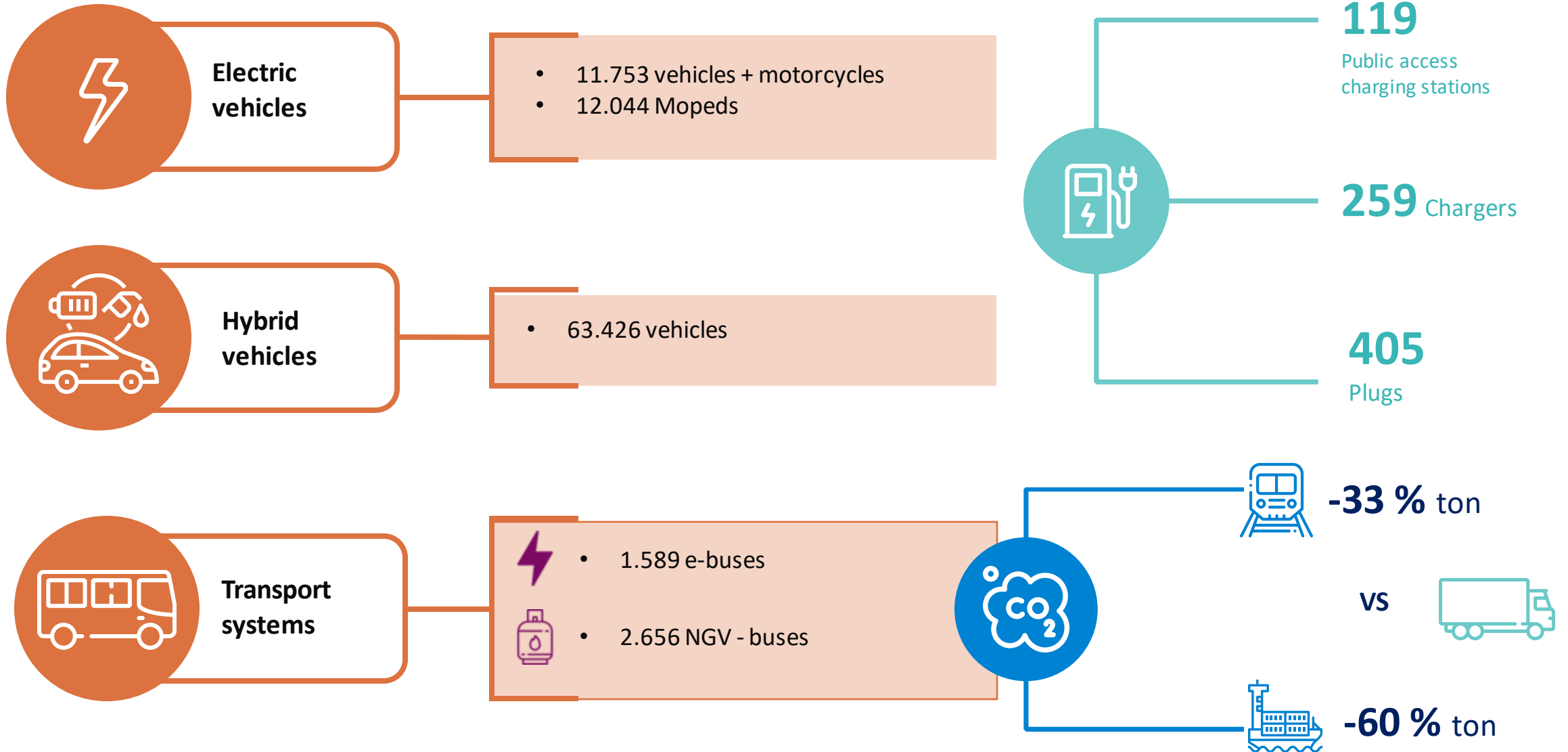


Transport sector – GHG emissions reference scenario



The sector's **emissions represent 12.7%** of the national greenhouse gas inventory for the year 2018. **(37,8 MMtCO2e of 302,9 MMtCO2)**

PROGRESS





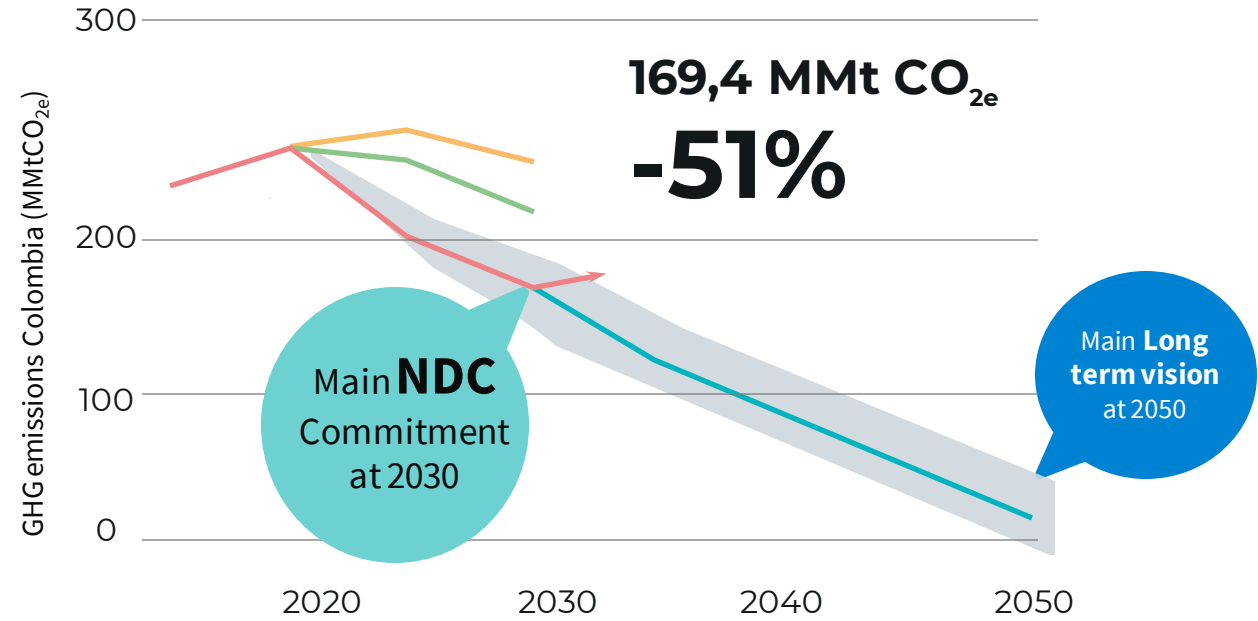
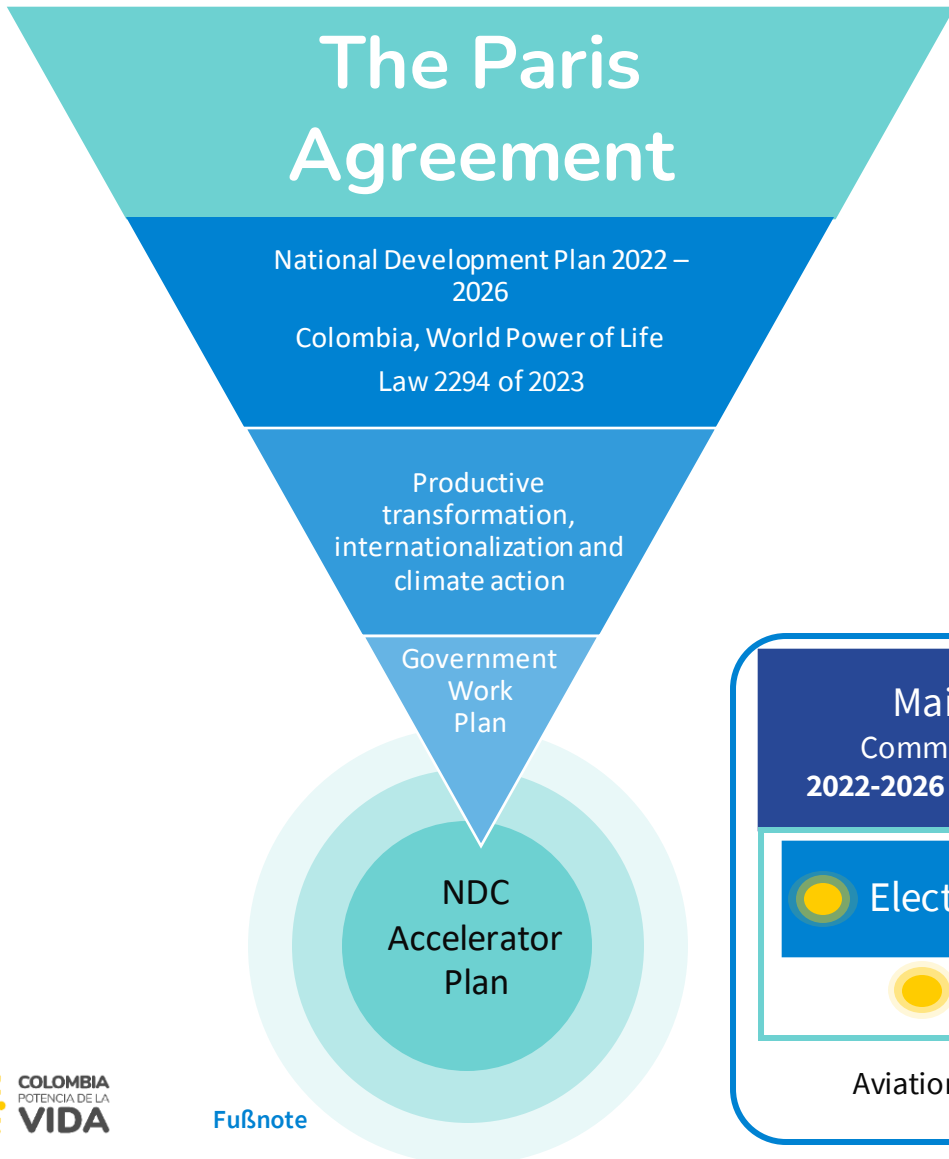
02. Current affairs

Kolumbien, Weltmacht des Lebens

Colombia, World Power of Life

ENVIRONMENTAL VISION – CLIMATE CHANGE

Horizon of climate change in the transport sector of Colombia



Main NDC Commitment to 2022-2026 in Transport

An environmentally sustainable transportation: Reach **2,14 million metric tons of CO_{2e} mitigated by the transportation sector**. In other words. Two additional million compared to 2021.

- Electric mobility
- Modernization of cargo vehicles
- Active mobility
- Electric mobility River freight transport

89% **NDC** in transport 5,07 of 5,68 MMtCO_{2e}

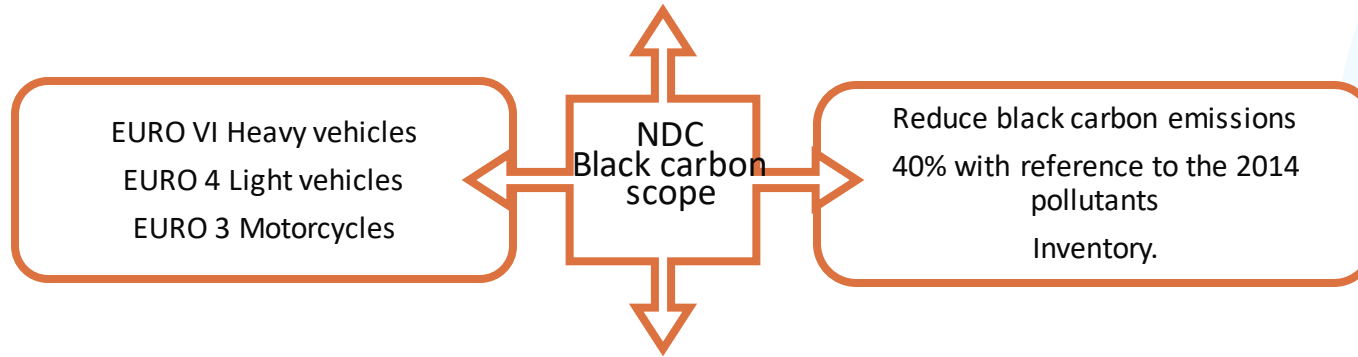
Aviation - SAF, DOT, Railway transport, infrastructure (adaptation), digitization, maritime, logistics

ENVIRONMENTAL VISION – AIR QUALITY

Colombia from the transport sector contributes to the 2030 sustainability agenda through the National Air Quality Strategy.

Main and recently advance

Resolution 0762 in which the maximum permissible limits of pollutant emissions to road transport.



Road transport represents 98,32% of the total atmospheric polluting emissions and black carbon that are precursors of GHG from the transport sector.


Emissions in Transport of black carbon and particulate matter add up to 30,96 kt. This value represents 7,33% of the national total

The emissions in Transport of pollutants total 1395,24 kt. This value represents 41,50% of the national total.




FUND FOR THE PROMOTION OF TECHNOLOGICAL UPGRADE - NPD


SUB-ACCOUNTS




Low and preferably zero emissions for Public Passenger Transport Systems Co-financed by the Nation



Light cargo (<10.5 ton) and dump trucks

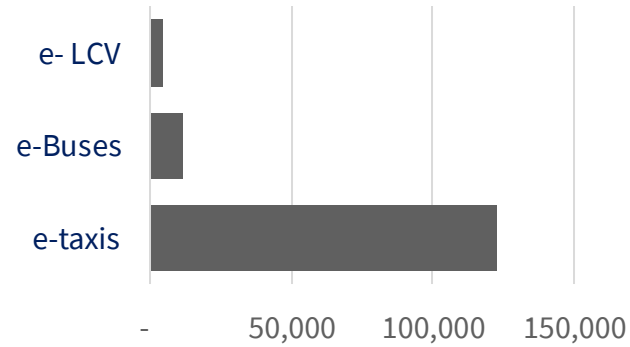


Individual transport service (taxi)

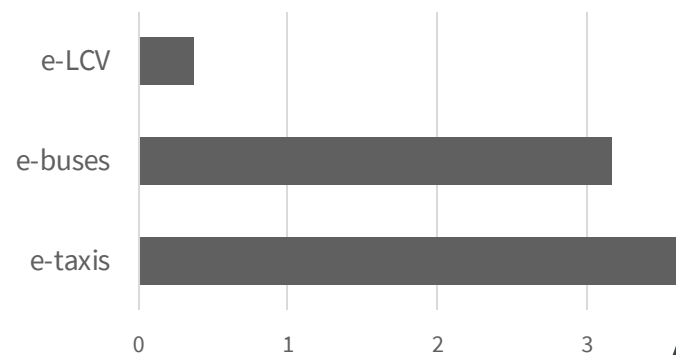


Heavy cargo

Goal (e- vehicles)



Capex (M€)



E-Movility goal
600k e-vehicles
in 2030



03. CASE OF SUCCESS

Kolumbien, Weltmacht des Lebens
Colombia, World Power of Life



"LA ROLITA" IS COLOMBIA'S FIRST PUBLIC OPERATOR,

which has been operating for one year in the city of Bogotá. 55 % of the drivers are women (281) and 45% are men. This demonstrates the commitment to gender equity with the economic and social inclusion of populations historically excluded from employment opportunities.

THE FREIGHT VEHICLE FLEET MODERNIZATION PROGRAM

- The freight vehicle fleet modernization program **offers economic and tax incentives for small owners of freight transportation vehicles** who wish to either modernize their equipment or withdraw from the market.
- Vehicles with new technologies generate savings in **operating costs**, as well as a **reduction in pollution and road accidents**.
- From October 2019 to August 31, 2023, a total of **4,998 cargo vehicles have been demolished**.
- **\$191,302 million Colombian Pesos** have been invested through August 31, 2023, benefiting the owners of 3,788 vehicles.



THE FREIGHT VEHICLE FLEET MODERNIZATION PROGRAM

YEAR/ ALTERNATIVE	DEMOLITION AT TOTAL LOSS	DEMOLITION WITH ECONOMIC RETURN	DEMOLITION WITH REPLACEMENT	DEMOLITION WITH ECONOMIC RETURN AND REPLACEMENT	TOTAL
2019	2	223	6	11	242
2020	61	468	58	442	1.029
2021	63	138	125	1.241	1.567
2022	61	43	300	1.102	1.506
2023	24	45	122	463	654
Total	211	917	611	3.259	4.998

YEAR	INVESTED VALUE	BENEFICIARIES
2019	\$ 2.092.558.258	35
2020	\$ 44.783.068.234	759
2021	\$ 52.765.446.478	1.089
2022	\$ 55.123.434.322	1.180
2023	\$ 36.537.567.327	725
TOTAL	\$ 191.302.074.619	3.788

NEXT STEPS - REQUIREMENTS



Zero-emission mobility



- ▶ Donations
- ▶ International cooperation
- ▶ Contributions from the National and local government



- ▶ Private investment
- ▶ Development of pilots in new technologies and business models



- ▶ Technical and policy development for enabling new technologies (FCEV, BEV)
- ▶ Deployment of Electric infrastructure



Active mobility Modal shift



- ▶ Improvement and deployment of pedestrian and bicycle infrastructure



- ▶ Policy guidelines on modal shift – Freight transport

