WHERE DO GREENHOUSE GAS EMISSIONS COME FROM

THE TRANSPORT SECTOR

Ministry of Environment and Physical Planning

Empowered lives. Resilient nations.

DISTRIBUTION OF THE FINAL ENERGY CONSUMPTION IN THE TRANSPORT SECTOR

Road transportation 97%, Aviation 2%, Railways 1%

2014

in 2014 there were **207 road vehicles per 1000 inhabitants** and **1.6 million tonnes of CO_2**

2020

The emissions from transport sector are estimated to **1.96 million tonnes of CO_2**

2030

The emissions from transport sector are estimated to **2.53 million tonnes of CO_2**

The transport sector is responsible for

13% OF ALL CO_2 EMISSIONS IN THE COUNTRY

AVERAGE PRICE

Sport utility vehicles (SUVs) emit **39% more CO2 emissions** than compact class vehicles. SUVs also **cost 61% more** than compact class vehicles

VS

COUNTRY WITH OLD FLEET

OVER **65%** OF VEHICLES ARE OVER 12 YEARS OLD.

OLD CAR USE **20%** MORE FUEL IT THEN WITH NEWER MODELS.

Reducing GHG emissions by 22% by 2030 will require a comprehensive mitigation strategy. **Priorities:**

1. INCREASED USE OF **BICYCLES**
2. INCREASED USE OF THE **RAILWAY**
3. IMPROVING THE VEHICLE **FLEET**
4. INTRODUCING LOW CARBON **FUELS**
5. ELECTRIFICATION OF THE **TRANSPORT**

2. USE OF THE

3. RENEWING OF THE NATIONAL VEHICLE FLEET

Year	2011	2012	2013	2014	2015	2016	AVERAGE
Number of vehicles (in 000s)	358.336	345.320	403.339	429.262	442.962	453.638	**405.476**

ONE HECTARE of forest absorbs **2 TONNES** of carbon a year

That is equivalent to the area of **880** footbal stadiums

ANNUAL AVERAGE FUEL CONSUMPTION PER **IN ROAD TRANSPORT** PER VEHICLE IN **2014** amounted to

1400 KG

ANNUAL AVERAGE CO_2 EMISSIONS PER VEHICLE IN **2014** amounted to

3780 kg

172 TREES ARE NEEDED

to absorb the annual emissions by vehicle

Equivalent to a DRIVING TRIP OF 29,075 km PER VEHICLE

Emissions from road transport in 2014

EQUALLED THE TOTAL ANNUAL CAPACITY OF THE COUNTRY'S FORESTRY SECTOR TO ABSORB CO_2