WHERE DO GREENHOUSE GAS EMISSIONS COME FROM

THE TRANSPORT SECTOR

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**

gef

Ministry of Environment and Physical Planning

UNDP

Empowered lives. Resilient nations.

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