



# TRANSPORT

Indicators for energy use in the Transport sector

ACTIVITY



RENEWABLE ENERGY AND ELECTRIFICATION SHARES



## ENERGY INDICATORS



## ELECTRIC MOBILITY



## BATTERY STORAGE

available to grid from EVs\*



## BIOFUELS

## ENERGY RELATED CO<sub>2</sub> EMISSIONS

## INVESTMENT

2015

REmap Case 2050

22 921 billion passenger-km/yr

Passenger cars

43 076 billion passenger-km/yr



16 945 billion passenger-km/yr

Buses, 2/3 wheelers, rail

27 493 billion passenger-km/yr



6 643 billion passenger-km/yr

Aviation

21 666 billion passenger-km/yr



92 481 billion tonne-km/yr

Freight

216 500 billion tonne-km/yr



4%

Renewable share in energy use in transport

58%

Renewable share in energy use in transport

1%

Electricity share in final energy use in transport

33%

Electricity share in final energy use in transport

1.24 million vehicles

Passenger vehicles

965 million vehicles

0.02 million vehicles

Buses and light duty vehicles

57 million vehicles

200 million vehicles

2/3 wheelers

2160 million vehicles

0.5 GWh

Storage

12 380 GWh

129 billion liters

Liquid biofuels

902 billion liters

0.4 billion m<sup>3</sup>

Other biofuels  
Biomethane

23 billion m<sup>3</sup>

7.7 Gt CO<sub>2</sub>/yr

3.1 Gt CO<sub>2</sub>/yr

Avoided CO<sub>2</sub> emissions in 2050 compared to Reference Case: 7.6 Gt CO<sub>2</sub>/yr

Total investments for decarbonisation between 2015 and 2050

14.2 USD trillion

\* Considering 50% grid connected EVs and 25% grid connected 2/3 wheelers