

benefits from doubling bus and coach transport in the EU



Factsheet

Buses and coaches are an integral part of public transport and travel, and key elements in a sustainable transport system.

The following calculations aim to give an outline of the potential benefits associated with doubling the use of buses and coaches in the EU, assuming that all new customers are attracted from private cars.

www.busandcoach.travel



Reduction of EU road traffic: -10.8% cars

Bus and coach use in the EU in 2010: 510,000 million p.km
 Private car use in the EU in 2010: 4,738,000 million p.km

Source: European Commission

Doubling scenario

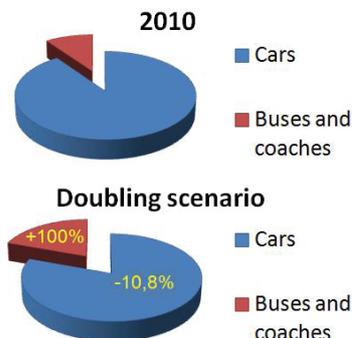
Bus and coach use: 510,000 million p.km + 510,000 million p.km
 = 1,020,000 million p.km

Private car use: 4,738,00 million p.km - 510,000 million p.km
 = 4,228,000 million p.km

Benefit

-10.8% reduction in car use in the EU

Reduction of EU car traffic resulting from doubling bus and coach use (in Mio p.km)



Reduction of CO₂ emissions: -43 million tonnes

Total CO₂ car emissions in the EU in 2010:
 573.3 million t

Total CO₂ bus and coach emissions in the EU in 2010:
 18.9 million t

Source: European Environment Agency

Doubling scenario

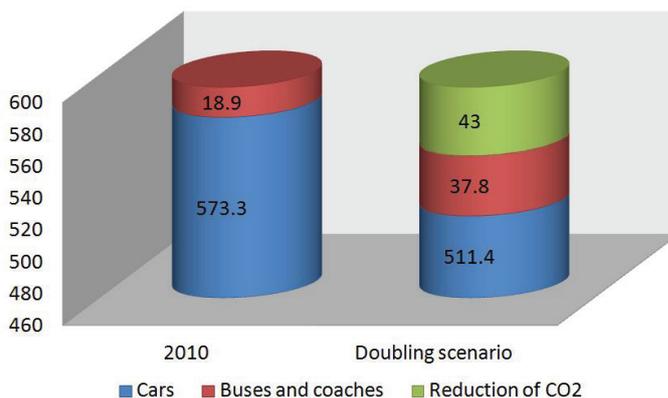
CO₂ car emissions: 573.3 million t - 10.8% = 511.4 million t

CO₂ bus and coach emissions:
 18.9 million t + 18.9 million t = 37.8 million t

Benefit

-43 million t reduction in total road transport CO₂ emissions every year

Reduction of total EU road transport CO₂ emissions resulting from doubling bus and coach use (in Mio tons)



Reduction of fatalities: -1,583 fatalities/year

Fatalities of car occupants in the EU in 2010: 15,385

Fatalities of bus and coach occupants in the EU in 2010: 123

Source: European Commission

Doubling scenario

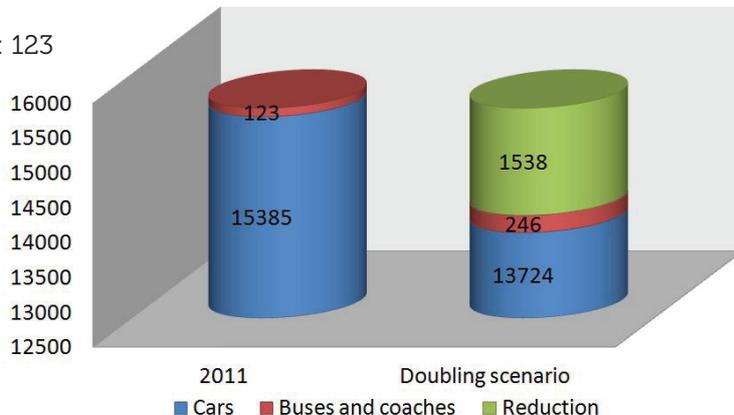
Fatalities of car occupants: 15,385 - 10.8% = 13,724

Fatalities of bus and coach occupants: 123 + 123 = 246

Benefit

-1,583 reduction in total fatalities every year

Reduction of fatalities on EU roads resulting from doubling bus and coach use



Creation of new jobs

"For every person directly employed by bus and coach operators, at least three more jobs are created in related industries".

Source: CPT, bdo