



**XXIVth WORLD
ROAD CONGRESS**
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MITIGATING THE IMPACT OF THE ROAD SYSTEM ON CLIMATE CHANGE

AUSTRIA'S OBJECTIVES AND MEASURES

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*Federal Ministry
for Transport,
Innovation and Technology*
innovation and technology
for transport

Austrias geographical location



Austrias geographical location



CO₂-emission from
transport-sector

14% worldwide average

26% Austria due to

➤ 25% fuel-tourism



Legislative, regulatory and other targets

- Immissions Protection Act – Air (IG-L)
 - Implementation of the European CAFE-directive (208/50/EG)
 - Creation of Low Emission Zones in Cities
- Environmental Impact Assessment Act (EIA)
 - Climate and energy concept
- Emission Ceiling Act – Air (EG-L)
 - Measures of the Austrian programme regarding the reduction of CO₂-emissions












Excerpt of the mitigation measures in the transport sector

- Increase of the mineral oil tax
- Use of biofuel
- Ecologisation of the Standard Consumption Tax Act (NoVA)
 - Reduced Initial Car Registration Fee for Euro 6 passenger cars (-200 €)
 - Additional reduction of Fee if fuel consumption is lower than 120 g CO₂ /km (-300 €)
 - Reduced Initial Registration Fee for hybrid cars (-500 €)



- Ecologisation of toll

- 2004: Introduction of a km-dependent road tax on highways and expressroads only for heavy commercial vehicles (>3,5 t)
- 2007: Increase tax-rates for heavy commercial vehicles (>3,5 t)
- 2010: Emission-dependent toll for heavy commercial vehicles

Bemautung nach EURO-Emissionsklassen Tarife für Kfz über 3,5t hzG ab 1.1.2011	  	  	  
Tarifgruppe	Kategorie 2 2 Achsen	Kategorie 3 3 Achsen	Kategorie 4+ 4 u. mehr Achsen
A EURO-Emissionsklassen EURO EEV u. VI	0,146 €	0,2044 €	0,3066 €
B EURO-Emissionsklassen EURO IV u. V	0,156 €	0,2184 €	0,3276 €
C EURO-Emissionsklassen EURO 0 bis III	0,178 €	0,2492 €	0,3738 €



- Intelligent traffic management systems in Austria
 - Improving the traffic flow, reducing travel time
 - Installation of additional traffic management systems in areas of high population density
 - Approx. 10 % of the motorway and expressroad network is equipped with telematic systems.



- Promotion of interoperability by ASFINAG

- Interlinking of motor- and railways in the urban areas by giving advance information about P&R facilities



- Installation of Park & Drive facilities near highway junctions



- Promotion of low emission driving
 - Amendment of the Driving Permit Implementation Act:
 - Focus on environmentally-conscious and fuel saving driving in the practical driving training
- Promotion of mobility management
 - Reduction of motorized individual traffic
 - The Austrian « klima:aktiv mobil » programme offers detailed assistance and a loan programme for climate protection measures in the transport sector.



- Promotion of cycling

- Creation of a federal advisory board related to bicycle-safety issues
- Development of a new Road Safety Programme (2011 – 2020) including specific measures for cycling (e.g. mandatory use of helmets for children)
- Adjustment of the Highway Code (StVO) with improvements for cyclists
- Bike related research projects



- Research and development in the field of traffic

The following projects are promoted by the R & D – Programme of the bmvit:

- **IV2Splus:** Intelligent traffic systems and Services plus
- **I2V programme:** Intermodality and Interoperability of traffic systems
- **A3plus programme:** Alternative drive concepts and fuels



- Strategy and aims concerning electric mobility

- Pre-Feasibility study on the implementation of e-mobility

- Result: Forecast in Austria 2020:

- 5 % battery electric vehicles

- 5 % plug-in hybrids

- 10 % full-hybrids

- 25 % mild-hybrids

- 40 % micro-hybrids with efficient combustion engines

- 15 % pure combustion engines



- Strategy and aims concerning electric mobility
 - Launch of a technology platform for e-mobility in 2009
 - Austrian Mobile Power

Vision:

- passenger cars and light-duty commercial vehicles will drive with electricity from renewable energy
- 210.000 e-cars in the year 2020

30 Partners: companies in following fields: energy, car-industry, electronic, telecom, computer etc.
banking houses, research institutes etc.



Further activities by the Ministry of Transport, Innovation and Technology

- Extension of the primary railway network
 - Brenner Basistunnel, Koralmtunnel
- Evaluation of the investment programme for the national infrastructure
 - Adapted design parameters for motorways and expressroads
- Evaluation of speed limits on motorways and expressroads





Thank you!

