



# Czech-Austrian Spring and Summer School

## TRANSPORT POLICIES: NATIONAL AND EU

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# Introduction

An illustration at the top of the slide shows two blue and white commercial airplanes flying over a stylized globe. The globe is depicted with a grid of latitude and longitude lines. A network of black lines with circular nodes connects various points across the globe, suggesting a global network or connectivity. The background is a light blue gradient.

- Transport – key element in the European economy and society, cross-sectoral character
- First roads around 10 000 B.C
- Nowadays expecting drastic changes - CO2 emissions and pollution reduction
- Trends – elektromobility, efficiency, hydrogen
- Different set of regulation for each transport type

# Overall situation in the EU



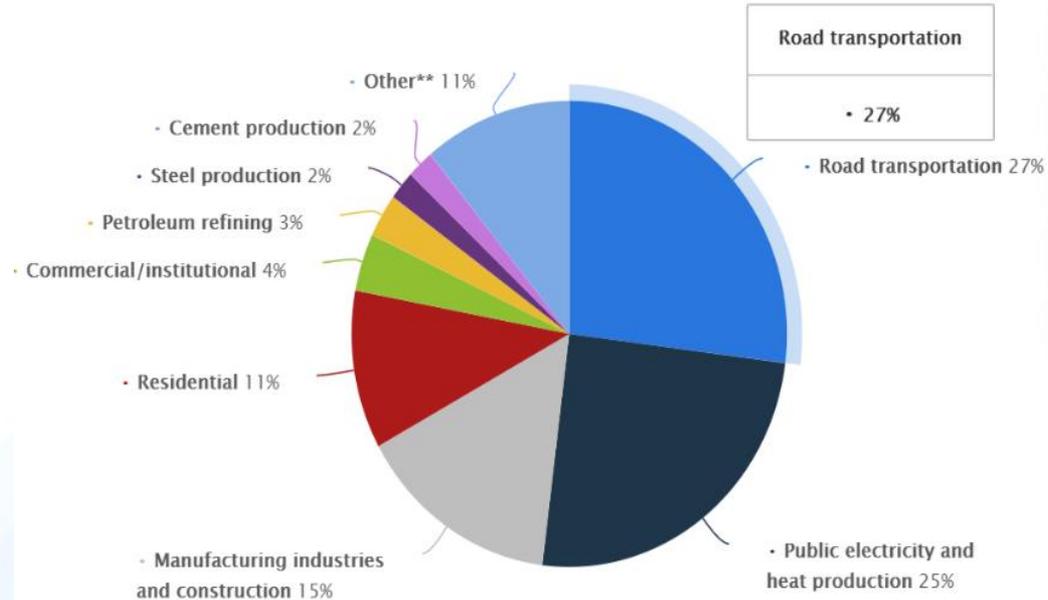
- Transport conditioned by differences among countries
- Policies solely focused in increased capacity

# Types of transport

- Air transport
- Road transport
- Rail transport
- Maritime transport
- Inland waterways



# Distribution of CO2 emissions in the European Union in 2019





# Austria transport situation



# Austrian policies and strategies

## The Austrian Transport Masterplan



# Czech transport situation

The background of the slide features a stylized illustration of two commercial airplanes in flight. One airplane is positioned higher and further to the right, while the other is lower and further to the left. They are set against a light blue background that includes a faint map of the world and a network of black lines with circular nodes, suggesting a global or regional transport network.

- Transport hub between Central and Eastern Europe
- 3 main European river basins
- Road network not fully developed
- Train network dense, but old
- Main airport – Letiště Václava Havla v Praze
- Plans based on government level
- Goals aligned with the EU

# Czech transport situation

## Dálnice v České republice

Motorways in the Czech Republic  
Autobahnen in Tschechische Republik

 [ceskedalnice.cz](http://ceskedalnice.cz)

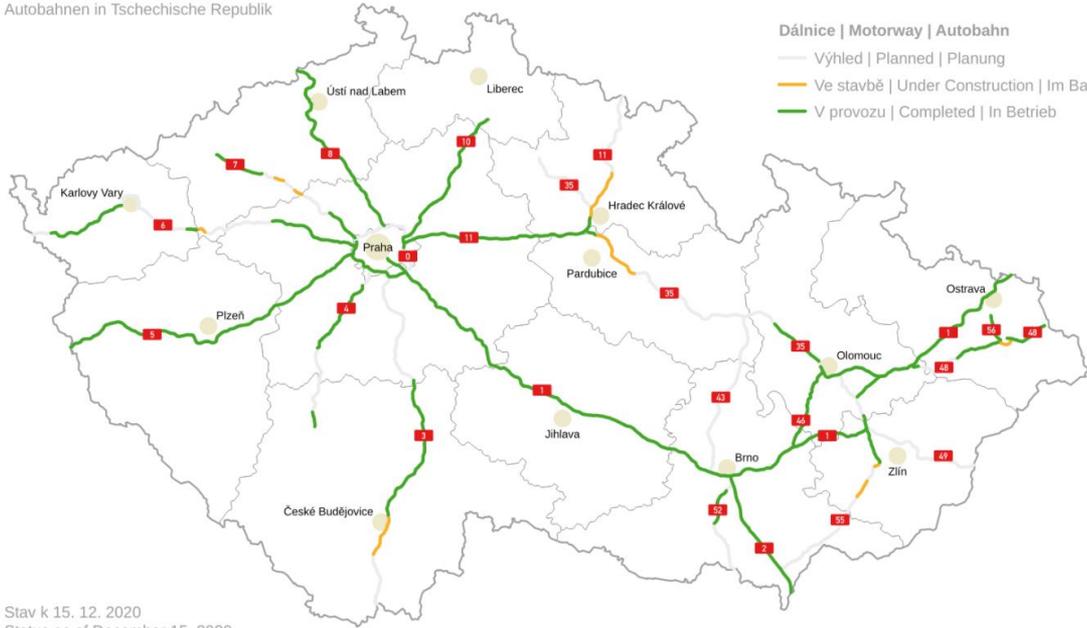
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### Dálnice | Motorway | Autobahn

— Výchled | Planned | Planung

— Ve stavbě | Under Construction | Im Bau

— V provozu | Completed | In Betrieb



Stav k 15. 12. 2020  
Status as of December 15, 2020  
Stand per 15. Dezember 2020



# Comparison

An illustration at the top of the slide shows two commercial airplanes flying over a stylized globe. The globe is light blue with white lines representing flight paths or orbital trajectories. The airplane on the left is a smaller, white aircraft with blue accents. The airplane on the right is a larger, blue and white aircraft with 'MDJ' visible on its tail. The background is a gradient of light blue and white.

## **Austria**

- More developed transport
- Close distance to neighbouring capital cities
- High investment in railway network

## **Czech Republic**

- Old infrastructure
- Highly focused on railway and road network
- Unfinished motorway network

# Innovation

- European Motto: ‘Growing out of oil’
- Digital transformation of the industry
- New tech: EV, drones, autonomous vehicles...



# Conclusions

The background of the slide features a stylized illustration of two commercial airplanes flying over a globe. The globe is depicted with latitude and longitude lines. A network of black lines with circular nodes at the intersections connects the two airplanes, symbolizing a network or communication system. The overall color scheme is light blue and white.

- Common approach at European and national levels
- Remarkable differences between Austria and Czech Republic
- Innovation is pushed at European and national level to reach common goals