



**TRANSPORT
AND MOBILITY**
research team

IEEP – TRANSPORT AND MOBILITY RESEARCH TEAM

**AMZ Cooperation Workshop with Czech Republic:
Automated Driving**

30. 04. 2021

UNIVERZITA J. E. PURKYNE V USTI NAD LABEM





- Regional university
- 8 faculties, nearly 8,5 thous students
- Art and design, nanotechnologies, chemistry
 - Faculty of Art and Design
 - Faculty of Arts
 - Faculty of Education
 - Faculty of Environment
 - Faculty of Health Studies
 - Faculty of Mechanical Engineering
 - Faculty of Science
 - **Faculty of Social and Economic Studies**
- Various areas of research
 - Cooperation with Valeo – Annotation site





- Topic: Management of the public sector
- Regional development, environment, transport, energy, waste
- Behavioral studies, regulation, economy

- IEEP, Institute for Economic and Environmental Policy (www.ieep.cz)
 - Research group on Transport and Mobility (www-mobilita-ieep.cz)





- 2 research streams
 - IEEP - economy and governance
 - REGBES - regulation and human behaviour
- Doctoral studies (also in English)



- Behavioral laboratory (OP VVV Project)
 - Experimental lab (stationary and mobile)
 - Eye-tracking
 - Bio-feedback



- Research projects (TAČR, GAČR, OP VVV, Horizon 2020)





- New and dynamic team
- Multidisciplinary approach, emphasis on social sciences
 - Transport planning and policy
 - Transport economics
 - Transport behaviour
 - Mobility management
 - Mobility regulation
 - New mobility services
 - Statistics and transport modelling
- A close cooperation with the city of Ústí nad Labem and the region Ústecký kraj, ICUK
- Cooperation with cities and their networks, regional bodies, ministries
- International cooperation





Transport planning

- Strategic tools for support to municipal decision-making on sustainable transport (TA CR, 2018-2021)
 - Model PLUMM
 - Evaluation of urban mobility measures and strategies
- COVID-19 and its impacts on transport behavior and planning
 - Long-term panel data about activities and transport behaviour, urban areas
 - Public transport
- MOBESA – mobility management in environmentally protected areas (TA CR, 2020-2023)
- Developing Czech methodology for SUMP (2015)
- Mobility management monitor – Czech Republic (2011), EPOMM



Transport behaviour

Sustainable mobility development

- **Smart City – Smart Region – Smart Community** (OP VVV 2018-2023) – **part of Smart mobility module** (analyses of car-sharing, ride-sharing, transport behaviour analyses of adult population, potential of smart tools in transport)
- **S@mpler – developing educational materials on sustainable mobility planning** for universities using modern approaches and electronic platform (*together with TU Dresden, TU Gdansk*)
- Students' activities and research – e-mobility, autonomous mobility (acceptance, attitudes and needs of specific user groups), shared mobility...





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**THANK YOU FOR YOUR
ATTENTION!**

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