



# UNIVERSITY OF ŽILINA

...university with tradition



[www.uniza.sk](http://www.uniza.sk)

# Basic information

- **1953 - Prague – College of Railway Transport**
- **1959 - the University of Transport (VŠD)**
- **1960 - relocation to Žilina**
- **1980 - University of Transport and Communications (VŠDS)**
- **1996 - University of Žilina - UNIZA**



# Basic information

- **Unique in Slovakia** - 65 long tradition on education and research in the fields of **Transport**
- 7 faculties,
- More than 8500 students, 500 Phd. students, 650 teachers and researchers
- 13 university application research centres, university science park and a research centre
- Annual research capacity – more than 1 million hours



# Railway oriented research fields

- Operation and Services
- Construction and Engineering
- Electrical Engineering
- Telecommunications
- Informatics
- Management and Marketing
- Mechanical Engineering
- Civil Engineering
- Crisis and Security Management



# Research orientation in general

- Experiences within other programmes - COST, DGs, MSCA, etc., 20 ongoing international research projects
- Experiences within 5<sup>th</sup> FP, 6<sup>th</sup> FP, 7<sup>th</sup> FP - more than 50 projects, 1 still active – ERAdiate
- H2020 – 6 active projects



# Transport oriented projects FP5, FP6, FP7

- FP5 – Intransnet – coordinator
- FP6 – EurNex – partner
- FP7 – **VEL-Wagon, Tellibox, SurfTran, CeTra, ETRA.CC, EURO\_Trans-Days, U-Stir, Star-Net Transport, ..., ERAdiate**
- For more info:  
<http://uniza.sk/menu/inc.php?id=96>



# UNIZA in Horizon 2020

- State on the end of June 2017
- 96 projects – member of consortium (70) or coordinator (26)
- 16 MSCA
- 6 signed – 2xCSA, 3xRIA, 1xMSCA



# Horizon 2020 – supported projects

- **CaBiAvi** – H2020-Galileo-2014-1 – Capacity building for aviation stakeholders, inside and outside the EU
- **Roll2Rail** – H2020-MG-2014\_TwoStages
- **MoTiV** – H2020-MG-2017-SingleStage-INEA - Mobility and Time Value





# Horizon 2020 – supported projects

- **SKILLFUL** – H2020-MG-2016-SingleStage-INEA – Skills and competences development of future transportation professionals at all levels
- **SENSIBLE** – H2020-MSCA-RISE-2016 – SENSors and Intelligence in BuLt Environment
- **GoF4R** – H2020-S2RJU-OC-2016-01-2 – Governance of the Interoperability Framework for Rail and Intermodal Mobility





- Full title: Governance of the Interoperability Framework for Rail and Intermodal Mobility
- IP4 Shift2Rail programme - OC-2016-01-2
- Duration: 24 months
- Total Estimated Eligible Costs: 2 000 000 €
- 16 partners
- More info: <http://www.gof4r.eu/>



# GoF4R

*Governance of the Interoperability Framework  
for Rail and Intermodal Mobility*

- The objective of the GoF4R project is to define sustainable governance for the Interoperability Framework that will create the right conditions to introduce seamless mobility services and foster the development of multimodal travel services.
- GoF4R will help to overcome obstacles currently impeding development of market innovation by fostering a large acceptance of the “semantic Web for transportation.”
- The results and knowledge will be used in next projects within IP4 S2R

# Shift2Rail successful proposal

- **Proposal** - clear and understandable on first reading
- Try to fulfill every part of call
- Complementarity with other projects – EU and nonEU
- H2020 award criteria:
  - Excellence,
  - Impact,
  - and Implementation.



# Shift2Rail successful consortium

- **Consortium** – the best mix of partners:
  - Big companies with own research
  - SMEs
  - Universities
  - Organisations – national, international
  - Technical/managment support
- From many countries – West/East, Old/New members



# Shift2Rail successful proposal

- **Consortium** – the mix of roles:
  - Project idea maker
  - Project writer (ex-evaluators)
  - WP leaders
  - Task leaders
  - High experienced researchers
  - Technical support



# Contact

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