

INTERNATIONAL COOPERATION EXPERT GROUP

1. Characteristics and Objectives of the Expert Group Professional Focus

- The activities of the EG International Cooperation are focused primarily on cooperation with the European Rail Technology Platform ERRAC (The European Rail Research Advisory Council).
- At the same time, it obtains current information about the HORIZON program (HORIZON 2020 or HORIZON EUROPE), the Shift2Rail initiative (Shift2Rail-1, Shift2Rail-2) and other European programs.
- It coordinates and ensures the cooperation of TP with other national technology platforms (NTPs).
- It cooperates with the International Union of Railways - UIC, monitors and supports the activities of the UIC IRRB (International Railway Research Board) and the UIC RICG (Research and Innovation Coordination Group).
- It supports the development of rail transport between Europe and Asia, including involvement in the "New Silk Road" respectively Belt and Road Initiatives (BRI).

2. Contents of Expert Group Activities

- It represents TP at the plenary session of the European Rail Technology Platform ERRAC. The conclusions of the ERRAC plenary session are passed on to the management and TP members.
- It provides TP members and expert groups with basic information on new European conceptual plans and new technologies focused on railways.
- It coordinates the involvement of TP members in projects of the HORIZON program, the Shift2Rail initiative and other European programs, including the search for potential partners and consortia abroad.
- In relation to other national railway platforms, it oversees the implementation of the conclusions resulting from the concluded memorandum and the annual cooperation plan.
- It monitors the activities and conclusions of the meetings of the UIC bodies - IRRB and RICG and passes them on to the management and TP members. It seeks to use the database of research institutions UIC (WORC) in the Czech Republic.
- It collaborates with HKTDC - Hong Kong Trade Development Council in the involvement of TP in the New Silk Road initiative and in supporting rail transport between Europe and Asia.

- It organizes workshops and seminars focused on issues related to the activities of the EG International Cooperation in the international field (ERRAC, HORIZON, Shift2Rail, UIC, New Silk Road, etc.).
- It participates in the education of young professionals for the railway sector by organizing Student Scientific Conferences (SSC).

3. Composition of the Expert Group

	<i>Name</i>	<i>Company/Institution</i>	<i>Expertise</i>
<i>Manager</i>	Josef Jíra	Czech Technical University in Prague	Transport systems and technology
<i>Deputy of the Manager</i>	Jaroslav Vašátko	TP IŽI (CZTP)	Operation and economics of railway transport
<i>Members</i>	Jitka Řezníčková (technical secretary)	Czech Technical University in Prague	Transport systems and technology
	Antonín Blažek	enteria a.s.	Railway rolling stock
	Vít Fábera	Czech Technical University in Prague	Control command signalling
	Věra Holoubková	TP IŽI (CZTP)	Marketing
	Zdeněk Kaufmann	TP IŽI (CZTP)	Telecommunication
	Martin Král	Railway administration (Správa železnic)	Infrastructure
	Eva Tetíková	VUZ, a.s.	Project management
<i>Other Associates</i>	Jaroslav Grim	TP IŽI (CZTP)	Control command signalling

4. Specific Expert Group Collaboration with the other Members of TP IŽI

<i>Member of TP IŽI</i>	<i>Content and Focus of Collaboration</i>
Czech Technical University in Prague	Cooperation on the organization of the Student Scientific Conference (SCC), cooperation in the creation of a research institutions database.
Brno University of Technology	Cooperation in organizing workshops, support for cooperation with other national TPs, cooperation in solving S2R projects.
VUZ	Participation in the cooperation of CZTP with ERRAC and in the involvement of CZTP members in projects H-2020 and S2R.
University of Pardubice	Support for international cooperation. Cooperation in solving S2R projects.
University of West Bohemia	Support for international cooperation.
Technical University of Ostrava	Support for international cooperation.

5. Overview of Implemented Projects (*in the period from 2018 to the end of 2020*)

Due to the content of the EC activities mentioned in point 2, the EC IC did not independently participate in specific projects.

<i>Project Title/ Acronym</i>	
<i>Project No</i>	
<i>Funded by</i>	
<i>Implementation Period</i>	
<i>Total Budget</i>	
<i>Beneficiary/ Coordinator</i>	
<i>Consortium</i>	
<i>Project Goal/ Project Benefits</i>	

6. Overview of Implemented Expert Group Activities (*in the period from 2019 to the end of 2020*)

- Participation of EG members in the elaboration of the Roadmap document continuously from September 2019.
- Processed an annual plan of cooperation between the Czech TP and ERRAC on period January 1, 2020 to December 31, 2020 and signed by the involved parties in November 2019.
- Participation of EG members in the evaluation conference for the VRT-B project and in workshop on the issue of the 4th Railway Package held on June 16, 2020.
- Co-organization of SCC IRICoN 2020: High-speed lines - the future Czech railways (Prague, November 10, 2020).
- Participation of the EG representative in the plenary session of ERRAC on November 19, 2020.
- Participation of the EG representative in the IRRB plenary session on November 24, 2020.
- Participation of EG representatives in the "Belt and Road" Summit in November 30 - December 1, 2020.
- Meeting with representatives of the Spanish TP (FFE / PTFE) on December 16, 2020 on the evaluation of cooperation for 2020 and the draft cooperation plan for 2021. Both documents were signed by the parties.
- Developed a plan of cooperation between the Czech TP and ERRAC for the period January 1, 2021 to December 31, 2021 and signed by the parties in January 2021.

7. Representation of the Expert Group in national and European institutions

<i>National or European Institution</i>	<i>Place of work</i>
ERRAC	Eva Tetíková, VUZ, a.s.