



# **Crisis and Risks Engineering for Transport Services 2018 – 2022**



Co-funded by the  
Erasmus+ Programme  
of the European Union

**July 8, 2022**

**Warsaw University  
of Technology**



# CRENG partners

- Pryazovskyi State Technical University
- Ukrainian State University of Science and Technology [formerly *Dnipropetrovsk National University of Railway Transport, named after Academician V. Lazaryan*]
- State University of Infrastructure and Technologies
  
- Baku Engineering University
- Azerbaijan Technical University
- Azerbaijan Technological University
  
- Institute of Telecommunications and Information Technologies of Turkmenistan
- International University for the Humanities and Development
- Turkmen State Architecture and Construction Institute





# CRENG partners

- Warsaw University of Technology
- Berlin Technical University
- Polytechnic University of Hauts-de-France
- Exolaunch GmbH (formerly ECM space technologies GmbH)

## Associated partners

- The Ukrainian Railway (Ukrzaliznytsia)
- Baku Transport Agency
- Ministry of Education of the Republic of Azerbaijan
- Ministry of Education of Turkmenistan



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# CRENG facts

## **C**risis and **R**isks **E**ngineering for Transport Services

[www.creng.eu](http://www.creng.eu)

[www.facebook.com/CrengErasmus](https://www.facebook.com/CrengErasmus)

[www.youtube.com/channel/UCEH1ByhvzSJGqfNSv0IX2jQ](https://www.youtube.com/channel/UCEH1ByhvzSJGqfNSv0IX2jQ)

EU unit: Education, Audiovisual and Culture Executive Agency  
Priority: Transport Services  
Project duration: 15 October 2018 – 14 July 2022  
Grant holder: Warsaw University of Technology, Poland  
Project No.: 598218-EPP-1-2018-1-PL-EPPKA2-CBHE-JP  
No of partners: 17 (including 4 EU partners)  
Value: 999 949 EUR



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# CRENG steps

1. Create **information environment** for dissemination of project results
2. Prepare **curricula** oriented for CRENG in European universities
3. Professional **development of teachers** from UA, AZ and TM
4. Academic teachers from PCs develop **teaching environment** on CRENG
5. **Pilot training** of students in the new CRENG MA program
6. Accreditation or **legal admission** for education of students
7. Operational and financial management of the project





# CRENG objectives

- ❑ **Develop, implement and accredit** new practice-oriented, student-focused **MA program on CRENG** including innovative teaching approaches and ECTS in **UA, AZ and TM** till Jul 2022
- ❑ **10 new + 3 transferable curricula: 90 ECTS**
- ❑ **Creating environment for teaching and learning CRENG disciplines:**
  - **Skills Wallet**
  - **International Project Based Learning**
  - **Network of CRENG Service Offices**
  - **Didactic content development**
  - **MOODLE-based e-courses and web platform**
  - **Equipped laboratories**

**Ensure sustainability of UA, AZ, TM transport systems and integration with global transportation network**

**Create environment for education of high skilled specialists in line with labour market, EU best practices and Bologna process**





# CRENG activities

## Kick-off meeting

Warsaw University of Technology, Feb 27-28, 2019



## Meeting in Kyiv

State University of Infrastructure and Technology, 12 July 2019



## Training & Coordination Meeting Berlin

9 - 20 September 2019  
Technische Universität Berlin





# CRENG activities

## Information Conference and UA NEO Monitoring

15 - 16 October 2019  
State University of Infrastructure and  
Technology, Kyiv



## AZ NEO Monitoring Visit Baku

24 October 2019  
Azerbaijan Technical University Baku







# CRENG activities

## Warsaw Training Course

25 Nov - 6 Dec 2019

Warsaw University of  
Technology





# CRENG activities

## Training & Coordination Meeting Valenciennes

13 - 23 January 2020

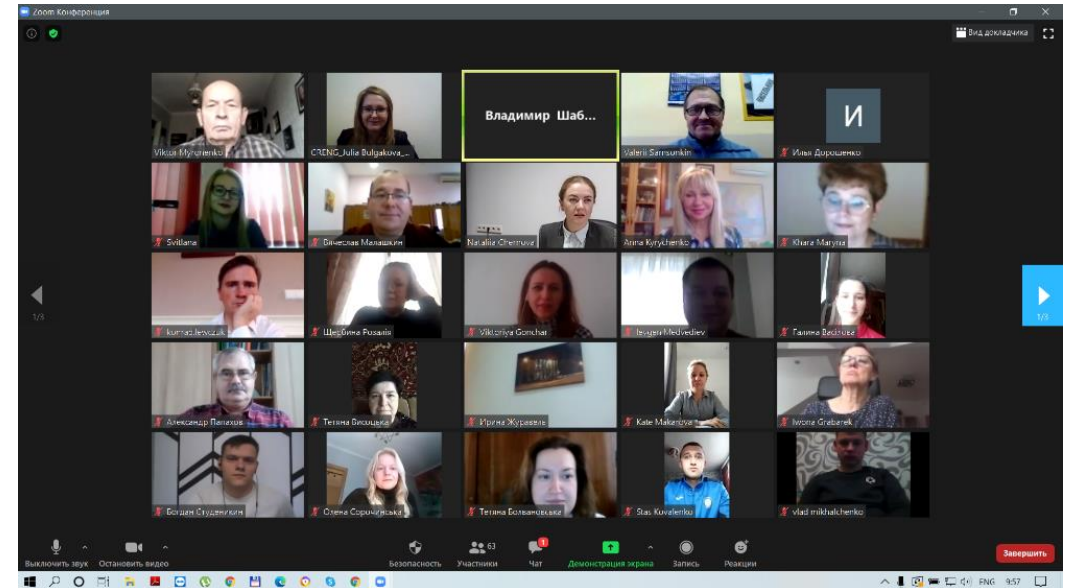
University Polytechnique Hauts-de-France





# CRENG activities

Coordination Meeting TM and PMB	22 Jan 2020
Coordination Meeting AZ and PMB	23 Jan 2020
Coordination Meeting TM and PMB	22 Jun 2020
Coordination Meeting AZ and PMB	22 Jun 2020
Advisory Monitoring of the Project CRENG	19 Apr 2021
Coordination Meeting UA, AZ, TM and PMB	31 Aug 2020
Online master classes	16-20 Nov 2020
Online master classes	7-10 Dec 2020
Conference PSTU	20-21 Jan 2021
Coordination Meetings AZ, TM and PMB	6 May 2021
Coordination Meetings AZ, TM and PMB	18 May 2021
Coordination Meeting AZ, TM and PMB	21 Oct 2021
Online master classes	14-16 Feb 2022
Coordination Meeting UA, AZ, TM and PMB	27 May 2021



Completed accreditation procedure in UA – 17 Nov 2021!



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# CRENG activities

## Technical Meeting with Ukrainian State University of Science and Technology

9 - 10 June 2022

Warsaw University of Technology



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Warsaw University  
of Technology



Faculty  
of Transport

WARSAW UNIVERSITY OF TECHNOLOGY

**Thank you for you  
attention!**

[www.creng.eu](http://www.creng.eu)



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