



**Faculty
of Transport**

WARSAW UNIVERSITY OF TECHNOLOGY



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

6 December 2019, Warsaw, Poland

CERTIFICATE OF ATTENDANCE

This is to certify that

Nataliia Chernova

*has been attended
Training meeting on
Crisis and Risks Engineering for Transport Services
held on 25 Nov to 6 Dec 2019
Warsaw University of Technology
Faculty of Transport*

.....
Associate Prof. Konrad Lewczuk
CRENG Project Manager

.....
Prof. Marianna Jacyna
Coordinator of CRENG Project



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Annex X

ERASMUS+

CONFIRMATION

We hereby confirm that **Nataliia Chernova**

Head of International Relations Department

from

**Dnipropetrovsk National University of Railway Transport
named after Academician V. Lazaryan**

participated in

Training in Warsaw, Poland

organized by:

Warsaw University of Technology, Faculty of Transport

as a part of the ERASMUS+ Project Crisis and Risks Engineering for Transport Service (CRENG).

Time of visit:

04.12.2019 – 06.12.2019

The following courses were carried out as a part of the training:

- Big data and new technologies for crisis and risk management + IT Security (6,5 hours)
- Simulation of complex transport processes and systems that operate in conditions of risks (6 hours)
- Human Factors in Design & Operations (7 hours)
- Risk and crisis engineering of Transport systems (6 hours)
- Supply chain management and networks (6 hours)
- Soft skills for engineers (3,5 hours)
- Series of workshops on CRENG topics (21 hours)

In total 56 hours (2 ECTS)

DZIEKAN
WYDZIAŁU TRANSPORTU
prof. dr hab. inż. Marianna Jaeyna