





TRANSPORT OF DANGEROUS GOODS TECHNICAL COMMITTEE 14th session



Presentation

project DGTRANS

Transport of Dangerous Goods – Modernization of Curricula and Development of Trainings for Professionals in the Western Balkans HEIs (DGTRANS)

Call: Contract number 101082187-DGTRANS-ERASMUS-EDU-2022-CBH



Call: ERASMUS-EDU-2022-CBHE-STRAND-2 Project number: 101082187



Asst. Prof. Boško Matović, Ph.D University of Montenegro

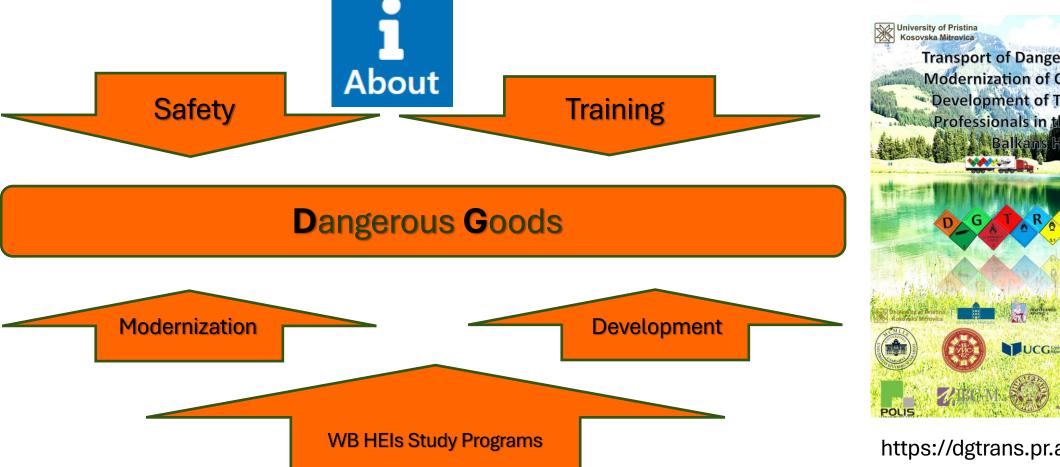
Podgorica, Montenegro, 20th June 2024, Hotel Ramada, Montenegro

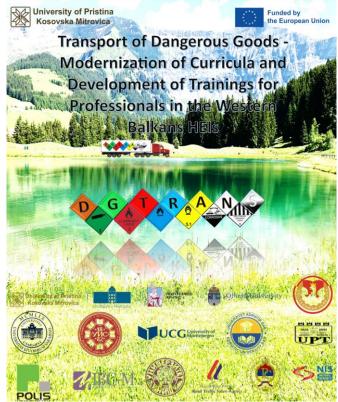




DGTRANS

TRANSport of Dangerous Goods – Modernization of Curricula and Development of Trainings for Professionals in the Western Balkans HEIs





https://dgtrans.pr.ac.rs/





OFFICIAL WEBSITE

https://dgtrans.pr.ac.rs/



Project partners

















Activate Windows





Consortium

16

partners

Project consortium consists of

FOUR EU HEIS,

EIGHT WB HEIs,

THREE non-academic partner from WB countries (WBC) and

ONE associated partner (AP).





PC HEI partners



Univerza v Mariboru

Short name: UM Country: Slovenia PIC: 999903646



Polytechneío Krítis

Short name: TUC Country: Greece PIC: 924773848



Óbudai Egyetem

Short name: OE Country: Hungary PIC: 986279123



Politechnika Lubelska

Short name: LUT Country: Poland PIC: 998139313



Univerzitet u Nišu

Short name: UNI Country: Serbia PIC: 998833736

EU HEI partners provide

- academic expertise,
- transfer innovative and newly developed technologies and
- know-how best practices

4 partners







Consortium

16 partners

About

Project consortium consists of

FOUR EU HEIS,

EIGHT WB HEIs,

THREE non-academic partner from WB countries (WBC) and

ONE associated partner (AP).

workers



WB HEIs will improve the level of student competencies and skills through:

- modernization/development of Undergrad/Master studies curricula,
- increase the level of teaching staff expert and language skills,
- increase awareness of public sector on risks related to TDG and improve skills of TDG professionals through trainings devoted to them.



University of Mitrovica

PIC: 951280553





Univerzitet u Istočnom Sarajevu

Short name: UES



Univerzitet Crne Gore

Short name: IIOM PIC: 999836328



Univerzitet "Adriatik" Bar



Universiteti Politeknik i Tiranës

Country: Albania

PIC: 999847774



Universiteti POLIS

Country: Albania PIC: 954870232



nternational Business College Mitrovica

PIC: 915740529









MAIN OBJECTIVES PROJECT

IMPROVE EXISTING AND DEVELOP NEW TDG CURRICULA for undergraduate and master studies in accordance with Bologna requirements and national accreditation standards through implementing new/modernized courses. These courses should

cover provisions concerning dangerous goods, transport equipment and transport operations, as well as the risk assessment tools, vehicles monitoring systems, and route-planning systems based on network analyses performance. The aim of the improved study programs is to include the different disciplines such as transport, environmental sciences, politics, supply chain management, security management and the



ANALYSE AND IMPROVE CURRENT RISK ANALYSIS MANAGEMENT PROCEDURES AND RISK

ASSESSMENTS on transport routes and new routing solutions into WBC. Herein, we are finding and applying the most appropriate scientific methods and the best practice about what issues should be included in risk analysis procedures to improve the safety during the TDG and how can management procedures be improved to avoid mistakes or inefficiencies during the sharing of information within a company and between different companies involved in the supply chain.



DEVELOP AND IMPLEMENT THE TRAINING PROGRAM FOR THE TDG PROFESSIONALS in line with

ADR and up-to-date scientific knowledge on issues related to the TDG. According to ADR each TDG subject, involved in activities which include the consigning the TDG by road or the related packing, loading, filling or unloading, shall appoint one or more TDG professionals, responsible for prevention of the risks inherent in such activities with regard to persons, property and the environment.







Workplan DGTRANS (3 Years)

- + Work Package 1: Project management
- + Work Package 2: Introduction with key issues for TDG in WBC and PC
- **┿** Work Package 3: Development of TDG Curricula and Laboratories



ACTIVITY		YEAR 1				YEA	AR 2		YEAR 3			
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4
1.1 - Partnership Agreement Preparation												
1.2 – Kick-off meeting												
1.3 – Grant holders Meeting												
1.4 - Project management plan												
1.5 – SC and PMC meetings												
1.6 - Project Coordination												
1.7 – Interim and Final Reports												
2.1 – Analysis of Key Issues for TDG in PC												
2.2 – Analysis of Key Issues for TDG in WBC												
2.3 – Analysis of Existing Curricula Related to TDG												
2.4 - Identification of Needed Resources for TDG Laboratories												
2.5 – Introduction with TDG established practices and innovations in PC												
3.1 - Development of Catalogue of Competencies												
3.2 – Development of Catalogue of Courses and Syllabi												
3.3 – Establishment of TDG Laboratories												
3.4 - Training of Teaching Staff												
3.5 - Accreditation/Reaccreditation of Curricula												





Workplan PELMOB (3 Years)

- + Work Package 4: Development of trainings for TDG professionals
- + Work Package 5: Implementation of TDG Curricula and Trainings
- ★ Work Package 6: Quality Assurance and Monitoring
- ★ Work Package 7: Dissemination and Exploitation



4.1 – Survey for TDG Stakeholders in WBC						
4.2 – Introduction with Trainings for TDG Professionals in PC						
4.3 – Preparation of TDG Training Materials						
5.1 – Student enrolment						
5.2 – Implementation of Developed Undergraduate and Master Curricula						
5.3 – Implementation of TDG Trainings						
5.4 – Student Internships						
6.1 – Development of Quality Assurance Plan						
6.2 - Quality Assurance Committee (QAC) Meetings						
6.3 - Internal Quality Assurance Control						
6.4 – External Quality Evaluation of the Project						
6.5 - Inter-Project Coaching						
7.1 – Creation of the Dissemination and Exploitation Plan						
7.2 – Development of Project Website and Promotional Material						
7.3 – Info-days for Student Enrolment						
7.4 – Promotion of Student Internships						
7.5 – Roundtables with TDG Stakeholders						
7.6 – Creation of Sustainability Plan						
7.7 – Promotion of Safe and Secure TDG in WBC						







11 REPORTS ON ANALYSES KEY ISSUES RELATED TO TDG

4 Reports per each WBC and 1 Integrate report 5 Reports per each PC and 1 Integrate report

Poland, Hungary, Slovnia, Greece Bosnia and Herzegovina, Serbia, Kosovo*, Montenegro, Albania.



Report on analyses key issues related to TDG in Greece



Report on analyses key issues related to TDG in Slovenia



Report on analyses key issues related to TDG in Hungary



Report on analyses key issues related to TDG in Poland



Report on analyses key issues related to TDG in Serbia

Report on analyses key issues related to TDG in Bosnia and Herzegovina





Report on analyses key issues related to TDG in Montenegro





Report on analyses key issues related to TDG in Kosovo*





Report on analyses key issues related to TDG in Albania









14

14 REPORTS ON ANALYSES EXISTING CURRICULA related to TDG in PC and WB HEIs

8 WB HEIs and 5 PC Reports on Analysis on existing curricula related to TDG and 1 Integrate report



Polytechneío Krítis

Report on analyses Existing
Curricula related to TDG in **TUC**

Univerza v Mariboru



Report on analyses Existing
Curricula related to TDG in **UM**

Óbudai Egyetem



Report on analyses Existing
Curricula related to TDG in **OE**

Politechnika Lubelska



Report on analyses Existing Curricula related to TDG in **LUT**

Univerzitet u Nišu



Report on analyses Existing
Curricula related to TDG in **UNI**

University of Mitrovica



Report on analyses Existing
Curricula related to TDG in **UPKM**

Univerzitet u Sarajevu



Report on analyses Existing
Curricula related to TDG in **UNSA**

Univerzitet u Istočnom Sarajevu



Report on analyses Existing
Curricula related to TDG in **UES**

Univerzitet Crne Gore



Report on analyses Existing
Curricula related to TDG in **UOM**

Univerzitet "Adriatik" Bar



Report on analyses Existing
Curricula related to TDG in **AUB**

Universiteti Politeknik i Tiranës



Report on analyses Existing
Curricula related to TDG in **UPT**

Universiteti POLIS



Report on analyses Existing
Curricula related to TDG in **UPOLIS**

International Business College Mitrovica



Report on analyses Existing
Curricula related to TDG in **IBCM**







4 REPORT ON SURVEY FOR TDG STAKEHOLDERS

Bosnia and Herzegovina, Kosovo*, Montenegro, Albania





Report on Survey for TDG stakeholders

Bosnia and Herzegovina













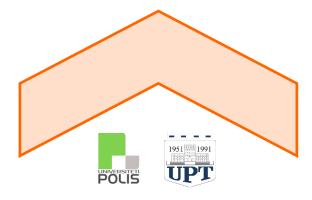




Kosovo*







Report on Survey for TDG stakeholders

Albania









4 DATE BASE_ CONTACT INFORMATION FOR STAKEHOLDERS

Bosnia and Herzegovina, Kosovo*, Montenegro, Albania



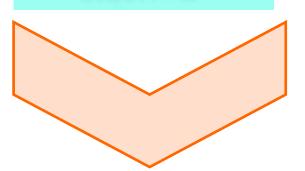


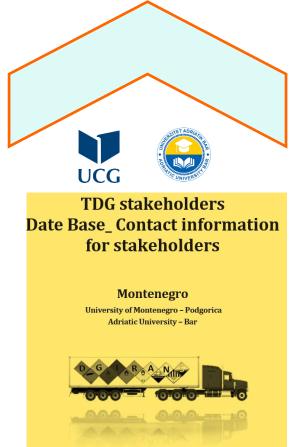


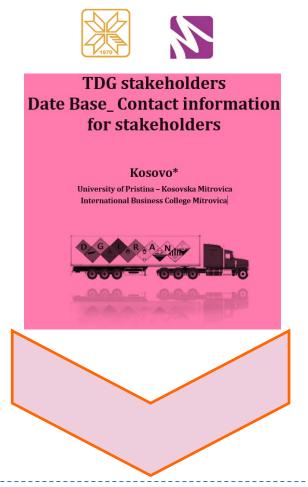
Bosnia and Herzegovina

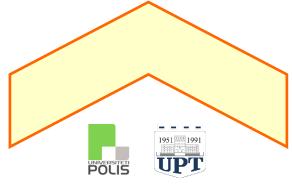
University of Sarajevo – FACULTY OF TRAFFIC AND COMMUNICATIONS Sarajevo Iniversity of East Sarajevo – FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING Doboj



















4 LOCAL WORKSHOP WITH STAKEHOLDERS

Bosnia and Herzegovina, Kosovo*, Montenegro, Albania





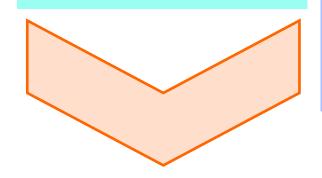
Local Workshop

with Stakeholders Bosnia and Herzegovina

Agenda - Local Workshop

Project title: Transport of Dangerous Goods - Modernization of Curricula and Development of Trainings for Professionals in the Western Balkans HEIs

Acronym: DGTRANS





Local Workshop

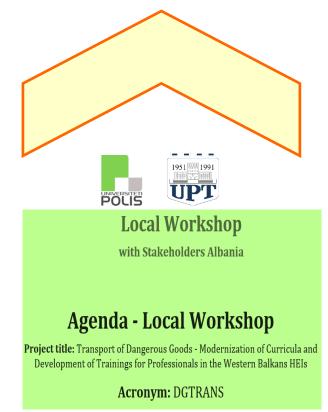
with Stakeholders Montenegro

Agenda - Local Workshop

Project title: Transport of Dangerous Goods - Modernization of Curricula and Development of Trainings for Professionals in the Western Balkans HEIs

Acronym: DGTRANS











8 CATALOGUE OF COMPETENCES

developed and implemented TDG curricula 2 in Bosnia and Herzegovina, 2 in Kosovo*, 2 in Montenegro, 2 in Albania.



CATALOGUE OF COMPETENCIES
UPKM



CATALOGUE OF COMPETENCIES
AUB



CATALOGUE OF COMPETENCIES UNSA



CATALOGUE OF COMPETENCIES
UPT



CATALOGUE OF COMPETENCIES
UES



CATALOGUE OF COMPETENCIES
UPOLIS



CATALOGUE OF COMPETENCIES UOM



CATALOGUE OF COMPETENCIES IBCM







8 CATALOGUE OF COURSES

developed and implemented TDG curricula 2 in Bosnia and Herzegovina, 2 in Kosovo*, 2 in Montenegro, 2 in Albania.



CATALOGUE OF COURSES UPKM



CATALOGUE OF COURSES AUB



CATALOGUE OF COURSES UNSA



CATALOGUE OF COURSES
UPT



CATALOGUE OF COURSES
UES



CATALOGUE OF COURSES
UPOLIS



CATALOGUE OF COURSES UOM



CATALOGUE OF COURSES IBCM







8 NEW LABORATORIES

established with appropriate equipment and manuals. 2 in Bosnia and Herzegovina, 2 in Kosovo*, 2 in Montenegro, 2 in Albania.



ESTABLISHED LABORATORY
UPKM



ESTABLISHED LABORATORY
AUB





STARTER KIT





ESTABLISHED LABORATORY UNSA



ESTABLISHED LABORATORY
UPT







ESTABLISHED LABORATORY
UES



ESTABLISHED LABORATORY
UPOLIS







ESTABLISHED LABORATORY UOM



ESTABLISHED LABORATORY IBCM











8 NEW LABORATORIES

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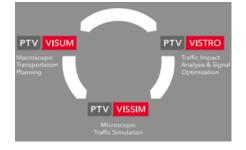
ESTABLISHED LABORATORY UoM















8

8 NEW LABORATORIES

established with appropriate equipment and manuals.

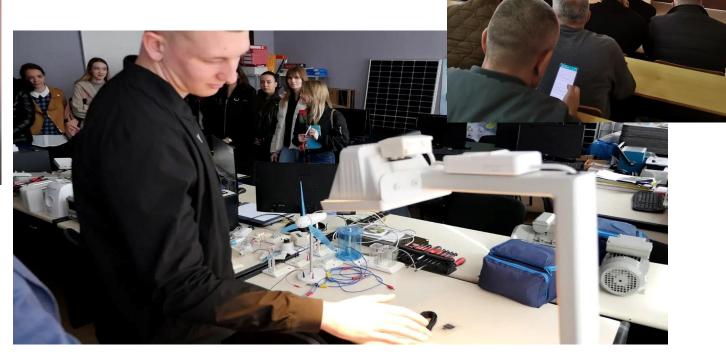
2 in Bosnia and Herzegovina, 2 in Kosovo*, 2 in Montenegro, 2 in Albania.



ESTABLISHED LABORATORY UPKM













8 NEW LABORATORIES

established with appropriate equipment and manuals. 2 in Bosnia and Herzegovina, 2 in Kosovo*, 2 in Montenegro, 2 in Albania.



ESTABLISHED LABORATORY UNSA





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8

8 BROCHURE FOR TRAINING PROFESSIONALS OF TDG









8

8 LAFLET FOR TRAINING PROFESSIONALS OF TDG





































TRAFFIC SAFETY



GLOBAL EFFECTS OF PROJECT













Kick-off Meeting

28.02.-01.03. 2023 at the



University of Mitrovica **ҮНИВЕРЗИТЕТ У ПРИШТИНИ**

косовска митровица











University of Maribor 17-21 April 2023



























Training for teaching staff,

Óbuda University, Hungary ŌE

26th -28th September 2023







This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

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Training teaching staff in TDG at Lublin University of Technology, Poland

14th -16th November 2023









s publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.











Training teaching staff in TDG University of Nis, Serbia,

20th-22ndFebruary 2024



















University of Montenegro,

23th-25nd April 2024









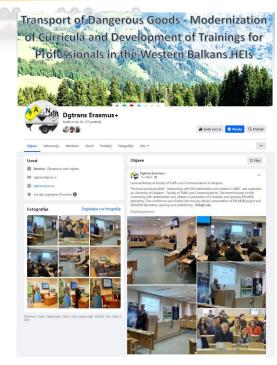


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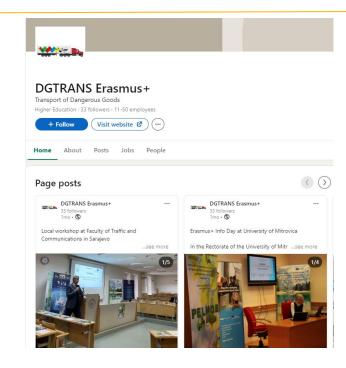




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