



**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL TRANSPORT UNIVERSITY**

National Transport University - the leading scientific and educational institution of Ukraine

**Reporter: Rector of NTU, President of Transport Academy of Ukraine,
Doctor of Science, Academician
Mykola Dmytrychenko**

Brussels - 2017



- National Transport University is a state higher education and scientific institution, established in 1944.
- It awards Bachelor's, Master's, PhD and Doctoral degrees in full-time and part-time study programmes.
- It provides free of charge training programme and on a fee-paying basis at the expense of businesses and individuals.



The University structure:

- The Faculty of Automotive and Mechanical Engineering;
- The Faculty of Transport Construction;
- The Faculty of Transport and Information Technologies;
- The Faculty of Economics and Law;
- The Faculty of Management, Logistics and Tourism;
- The Center for Correspondence and Distance Learning;
- The Center for Advanced Training, Retraining, Professional Development of Managerial Personnel and Specialists;
- The Center for International Education;
- The Research Institute for Transport and Construction Technologies;
- NTU College of Transport and Construction in Bar;
- NTU College in Nadvirna;
- Zhytomyr Automobile and Road College of NTU;
- State Higher Education Institution of NTU “Kyiv Transport and Economics College”;
- Lviv Higher Vocational School of Transport Technologies and Service of NTU;
- The International Educational Center of Information Technology;
- An Educational Training Ground;
- The University also has a Postgraduate and Doctoral Department, a sports centre with a swimming pool, a summer sports and recreation camp.



National Transport University

Training programmes of NTU:



With the support of the
Erasmus+ Programme
of the European Union

№	Code and name of specialty	
1.	015	Professional Education (Transport)
2.	022	Design
3.	029	Information, library and archival affairs
4.	035	Philology
5.	051	Economy
6.	071	Accounting and taxation
7.	072	Finance, Banking and Insurance
8.	073	Management
9.	081	Law
10.	101	Ecology
11.	121	Software Engineering
12.	122	Computer Science and Information Technology
13.	131	Applied mechanics
14.	132	Materials science
15.	133	Sectoral engineering
16.	142	Power Engineering
17.	152	Metrology and information-measuring technique
18.	192	Construction and civil engineering
19.	193	Geodesy and land management
20.	274	Automobile transport
21.	275	Transport technologies (on motor transport)
22.	076	Entrepreneurship, trade and stock-taking activities
23.	124	System analysis
24.	183	Environmental protection technologies
25.	242	Tourism
26.	7.06010105	Motorways and airfields
27.	7.06010106	Bridges and transport tunnels
28.	7.07010101	Transport systems



The priority areas of scientific research:

- progressive systems and methods to improve traction and speed, economic and ecological characteristics of cars;
- reliability and efficiency of cars and road machines by developing and optimizing methods, models and technologies of their production, repair and operation;
- mechanics of vehicles and traffic facilities;
- progressive directions for developing transport construction in transition to a market economy;
- problems of creating rational transport systems and ensuring the effective functioning of their constituent elements in a market economy;
- modern information technologies and techniques in education.



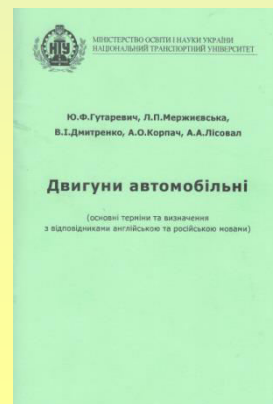
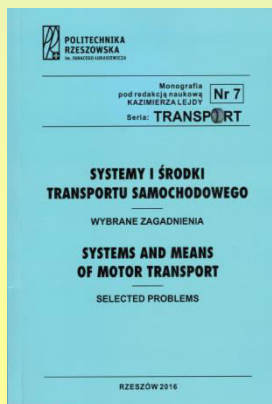
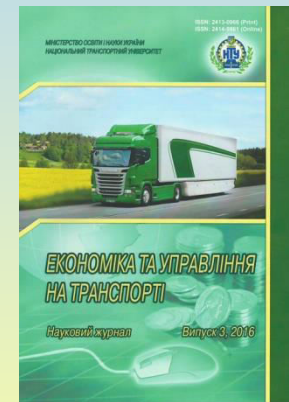
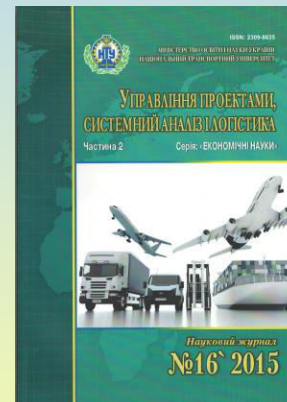
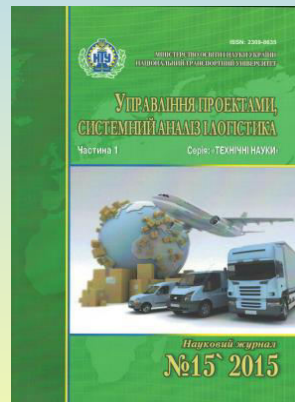
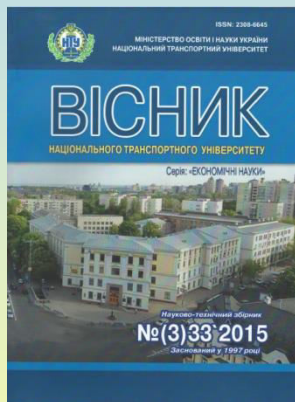
University specialized academic councils:

Specialized Academic Council Code	Code and Name of the Scientific Specialty
D 26.059.01	05.13.06 – Information Technologies 05.13.22 – Projects and Programs Management
D 26.059.02	05.22.01 – Transport Systems 05.22.11 – Motor Roads and Airfields 05.23.17 – Structural Mechanics
D 26.059.03	05.02.04 – Friction and Wear in Machines 05.05.03 – Engines and Power Stations 05.22.02 – Vehicles and Tractors 05.22.20 – Vehicle Operation and Maintenance
D 26.059.04	08.00.04 – Economics and Company Management



University interdepartmental collected articles:

NTU has been publishing interdepartmental collected articles: “Transport Problems”, “Project Management, Systems Analysis and Logistics”, “Hydraulics and Hydraulic Engineering”. Science and technology collected articles of National Transport University have been published since 1995. “The Herald of National Transport University” has been published since 1997.





Postgraduate and Doctoral training programmes

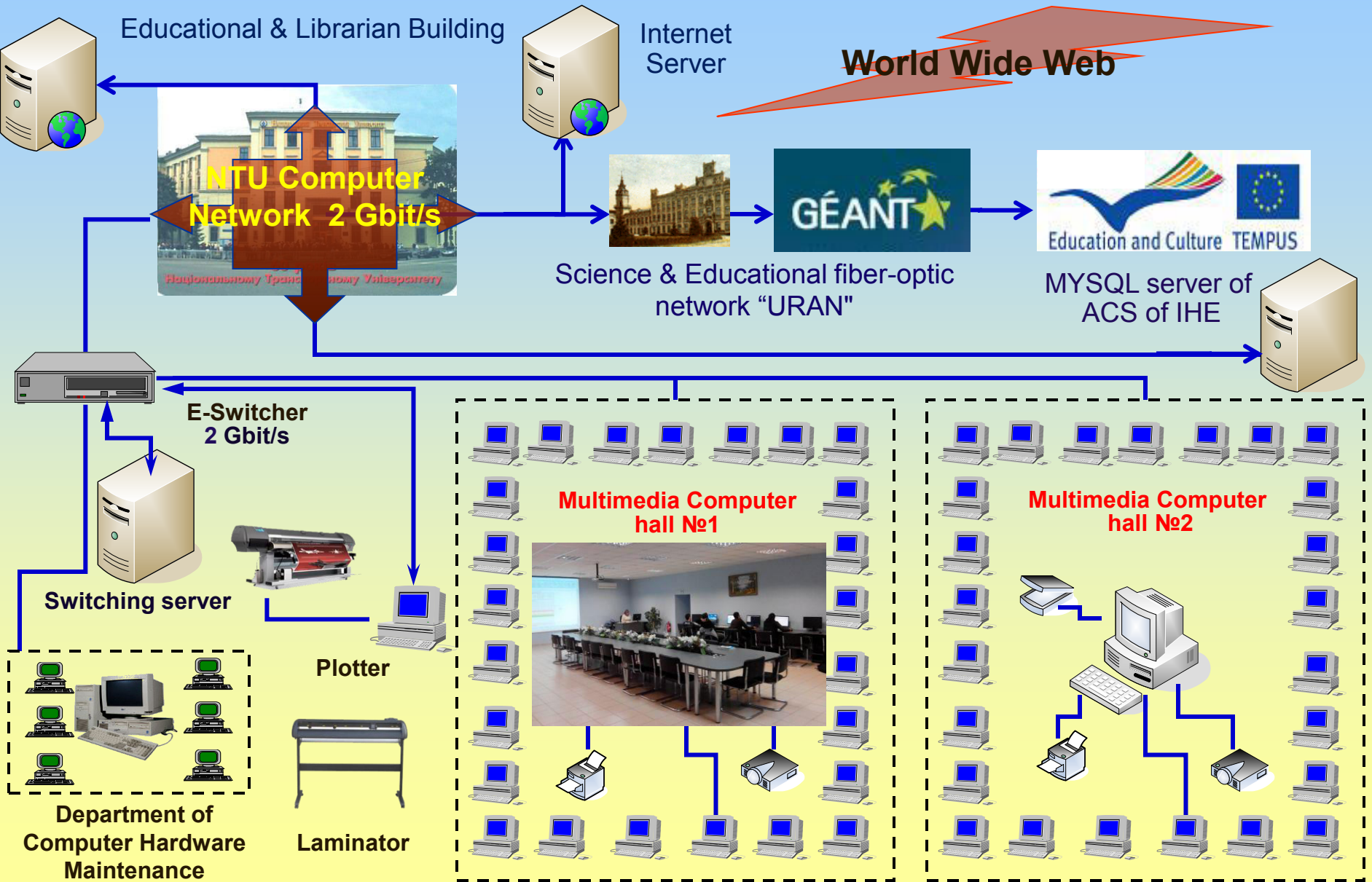
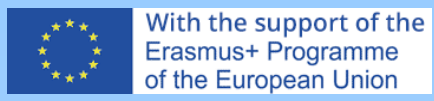
Doctors of Philosophy and Doctors of Sciences are trained at the National Transport University in the following specialties:

- Applied Mathematics;
- Applied Mechanics;
- Energy Engineering;
- Computer Science and Information Technology;
- Management;
- Road transport;
- Branch Engineering;
- Construction and civil engineering;
- Transport technologies (by type).

Today, about 1000 young scientists are studying and conducting scientific research at the graduate school of the University.



The International Educational Center of Information Technology





New departments at the University:

- “Management”;
- “Transport Systems and Marketing”;
- “Economics”;
- “Information Systems and Technologies”;
- “Finance”;
- “Industrial Engineering”;
- “Transport Manufacturing Systems and Service”;
- “Transport Law, Systems Analysis and Logistics”;
- “Constitutional and Administrative Law”;
- “Ecology and Safety of Vital Functions”.



International cooperation with participation of NTU:



International cooperation is an integral part of National Transport University (NTU), an important tool in ensuring the quality of education and its compliance with international standards. The development is the strategic aim of the University.



NTU has concluded cooperation agreements with all technical universities in Ukraine. The University provides international cooperation with more than 30 foreign universities from more than 10 countries in holding joint scientific research, academic exchange, conducting joint scientific conferences. The results of scientific research can be found in Web of Science, Scopus, IC Copernicus editions.



2006-2009 VETLOG TEMPUS IB JEP-26080-2005

<http://old.ntu.edu.ua/ukraine/tempus/tempus.html>

2007-2009 UMRU TEMPUS JEP-27115-2006 UMRU

http://old.ntu.edu.ua/ukraine/tempus_umru/main.htm

2010-2013 WeNeT TEMPUS IV 158739-2009-DE-JPHES WeNeT <http://wenet.ntu.edu.ua>

2013-2016 CERES 544137-TEMPUS-1-2013-1-SK-TEMPUS-JPHES <http://ceres.ntu.edu.ua>

2013-2016 EcoBRU 543707-TEMPUS-1-2013-1-DE-TEMPUS-JPHESFKTBUM

<http://ecobru.ntu.edu.ua>

2013-2016 FKTBRU 543853-2013-DE-SMHES <http://fktbum.ntu.edu.ua/>

2014-2017 CruizeT 543681-TEMPUS-1-2013-1- DE-TEMPUS-JPHES



International cooperation

The priority of this work is fruitful cooperation with European higher education institutions and participation in international educational projects.



Nowadays National Transport University is the national coordinator of the three TEMPUS projects (CERES, EcoBRU, FKTBUM), ERASMUS+ projects, etc.

Participating countries of the consortia are the Federal Republic of Germany, Spain, the Slovak Republic, the Czech Republic, Latvia, the Republic of Belarus, Moldova and other countries.

A joint German-Ukrainian project "The development and dissemination of the concept to promote the integration of research, education and innovation in National Transport University of Kyiv (CIREI)" has been implemented at the University since May 2017. The project is funded by the governments of Ukraine and Germany.



National Transport University

International cooperation



With the support of the Erasmus+ Programme of the European Union

TEMPUS project “Centers of Excellence for Young Researchers (CERES)”

HOME Dissemination Events Participants meeting Partnership Contacts

 **TEMPUS CERES**
CENTERS OF EXCELLENCE FOR YOUNG RESEARCHERS

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TEMPUS CERES

On December 1, 2013, a project Centers of Excellence for young REsearchers (CERES) was started to establish centers MCNet to support research of young scientists and students; development of partnerships with enterprises; knowledge triangle; education — innovation — research.

Project duration: 01 December 2013 – 30 November 2016

Target group: students, graduates, university lecturers and administration, heads of higher education institutions.

Project goals and objectives:

- To align higher education with the needs of modern enterprises;
- To improve research conditions of young scientists in EU, Belarus and Ukraine
- To establish new and extend existing partnership between enterprises and universities
- To create centres in Belarus and Ukraine

LATEST NEWS

THE TECHNICAL WORKSHOP ON CERES PORTAL IMPLEMENTATION NOVEMBER 3, 2016, NATIONAL TRANSPORT UNIVERSITY, KYIV, UKRAINE

3 November 2016 in National Transport University, Kyiv, Ukraine, the technical Workshop on CERES Portal implementation was held. Participants: 1 Prof. Vitaly Levashenko (University of Žilina,...




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International cooperation



With the support of the Erasmus+ Programme of the European Union


The international project "Fostering the Knowledge Triangle of Belarus, Ukraine, Moldova" (FKTBUM)





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THE ESSENCE OF THE PROJECT
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PERMANENT NATIONAL GROUPS
REPORTS



12 September 25th, 2017 Events 31 Comments »


The final working meeting




The final working meeting with the FKTBUM project will take place 26.09.17 at the National Transport University.

12 April 10th, 2016 Science 4,761 Comments »

Implementation of TEMPUS projects

Get good results in the implementation of projects in TEMPUS National Transport University allowed ...
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International cooperation



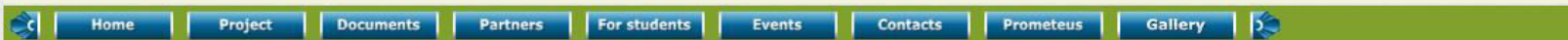
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An environmental education project EcoBRU

ENVIRONMENTAL EDUCATION IN BELARUS , RUSSIA, UKRAINE



Co-funded by the Tempus Programme of the European Union



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Counter visits

Archive of medias



Announcements

As part of the project TEMPUS «Environmental education in Belarus, Russia and Ukraine (EcoBRU)» September 27, 2016 at the National Transport University held final coordination meeting of project leaders whose

News



In the city . Minsk (Belarus) from 23 to 27 May 2016 Belarusian State University. OD Sakharov coordination meeting held in the framework of the EU program of the European Commission TEMPUS IV " EkoBRU " 543707 -TEMPUS-1-2013-1-DE-TEMPUS-JPHESTEMPUSIV >>



Травнева зустріч консорціуму ЕкоБРУ. 10-11 травня 2016 року на базі ДВНЗ «Прикарпатський національний університет імені Василя Стефаника» відбулася Міжнародна науково-практична конференція «Екологічні засади збалансованого регіонального розвитку» за

напрямами: >>

A meeting on TEMPUS project

Partners



- University of Bremen , Germany
- University of Paderborn, Germany
- ООО Kaufman , Germany Ukraine
- University of Zhylyna, Slovakia
- University of Latvia, Riga , Latvia
- Transportny scientifically research center OFI of Brno, Czech Republic



- Belarusian state agricultural academy
- The international state ecological university of A. D. Sakharov, Belarus
- Vitebsk state technical university, Belarus
- Гомельський державний університет ім.Ф.Скорини, Білорусь
- Polesye state university, Belarus
- Republican institute of professional education Minsk, Belarus
- Республіканський інститут вищої школи м.Мінськ, Білорусь
- Republican institute of the higher school Minsk, Belarus



National Transport University

International cooperation

ERAZMUS+ programme



With the support of the Erasmus+ Programme of the European Union



Erasmus+

About Programme

Erasmus+

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Grading systems of the institutions

ECTS Regulation

1. General information

ECTS Credit System at the National Transport University is regulated by the Internal ECTS Regulations approved by the Academic Council of the University. Its full version can be available here: www.ntu.edu.ua

ECTS is a learner ? centered system for credit accumulation and transfer based on the transparency of learning outcomes and learning processes.

ECTS is widely used in formal higher education and can be applied to other lifelong learning activities.

It aims to facilitate planning, delivery, evaluation, recognition and validation of qualifications and units of learning as well as student mobility.

ECTS credits ? are based on the workload students need in order to achieve expected learning outcomes.

Learning outcomes describe what a learner is expected to know, understand and be able to do after successful completion of a process of learning. They relate to learning descriptors in national and European qualifications frameworks.

Workload ? indicates the time students typically need to complete all learning activities (such as lectures, seminars, projects, practical work, self-study and examination) required to achieve the expected learning outcomes.

2. Management of ECTS at the National Transport University

1. Departmental ECTS Coordinators appointed by the Rector of the University supervise the proper implementation of ECTS at particular faculties and are responsible for:

- implementing and abiding the ECTS regulations at the given faculty
- supervising the mechanisms aimed at ensuring proper ECTS implementation
- supervising the process of ECTS allocation to particular courses
- providing students and staff with information on ECTS system at the University.

3. ECTS methodology

Students are obliged to receive minimum 30 ECTS credits for one semester, 60 for the whole year.

Minimal number of ECTS credit to accomplish particular cycle of studies:

- 1st cycle studies for bachelor ? 240 ECTS
- 2nd cycle studies for graduates of bachelor ? 90 ECTS

1 ECTS equals to 30 hours of workload done by a student.

1 full academic year = 60 credits

1 semester = 30 credits

The allocation of credits at the National Transport University depends on the year of studies, number of semesters that a course lasts and the individual work that a student must do in order to pass the course. The more additional work students have, the more ECTS points are given to a certain subject. Students are obliged to gain minimum ECTS points for one semester, 60 for the whole year.

4. ECTS Grades

The grading scale used in majority of programmes ranges from 2.0 to 5.0.

- 5.0 is the highest grade and the lowest passing grade is 3.0.
- 4.0 is the norm for a good pass.

The ECTS grading table reflects the actual distribution of grades under new system:

Equivalent ECTS Grades			
5	Excellent	A	Excellent
4	Good	B/C	Good
3	Sufficiently	D/E	Sufficiently
2	Fail	FX/F	Fail



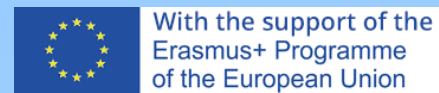
International cooperation: ERAZMUS+ programme

No	Partner University Name	Contact Person from Partner HEI	Country	Specialties of Planned Cooperation
1	Politechnika Rzeszowska im. Ignacego Łukasiewicza University of Technology	Grzegorz Ostasz Vice-rector for International Relations	POLAND	Bachelor's and Master's degree: Management, Machine Building
2	University of Pitesti	SOARE Emanuel Vice-rector for International Relations	ROMANIA	Bachelor's degree: Business and administration
3	Universidad de Almeria	CUEVAS GONZÁLEZ Vice-Chancellor of Internationalization	SPAIN	Bachelor's degree: Accounting and taxation; Finance, banking, insurance; Management and administration; Languages (English and Spanish)
4	Banat University of Agricultural Science and Veterinary Medicine	RAȚĂ Georgeta Erasmus+ Institutional Coordinator	ROMANIA	Bachelor's degree: Management, Ecology, Engineering, Production and Construction
5	Wyzsza Szkola Biznesu w Dabrowie Gorniczej	URGACZ Pawet Director of International Cooperation	POLAND	Bachelor's degree: Management
6	Kahramanmaras Sutcu Imam University	Enver ORHAN Institutional Erasmus Coordinator	TURKEY	Bachelor's degree: Business Administration, Economics, Logistics, Machine Building, Civil Engineering, Electronics Engineering, Informatics Master's degree: Environmental Engineering
7	Tallinn University of Technology	MA Siyi, Project Manager at the Office of Academic Affairs, Mobility Centre	ESTONIA	Protection and Management, Information Systems and Software Engineering, Law. Bachelor's degree: Law
8	University of Valladolid	NUEVO_PÉREZ_International Officer	SPAIN	Bachelor's degree: Tourism, Economics; Master's degree: Philology
9	University North	ANISKIN Aleksej Senior lecturer	CROATIA	Bachelor's degree: Machine Building, Civil Engineering, Logistics, Economics
10	Sakarya University	KANBUR Neriman. Director of International Relations	TURKEY	Bachelor's degree: Tourism, Economics, Informatics, Engineering Master's degree: Economics



National Transport University

International cooperation



National Contact Point (NCP) of the Horizon 2020 Transport Programme

HORIZON 2020

FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

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Національний транспортний університет

HORIZON 2020

НАЦІОНАЛЬНИЙ КОНТАКТНИЙ ПУНКТ

General information

National Contact Point Horizon 2020 Programme in "Transportation" in Ukraine operates in the National Transport University, the leading technical university of Ukraine, which provides higher education in aerospace science and technology.

National Contact Point Horizon 2020 program in the direction of "Transport" was established by the Ministry of Education and Science of Ukraine in December 2013 to facilitate the integration of Ukrainian higher educational institutions of the European Research Area. Our goal – to support Ukrainian organizations, universities and research institutes, industry and small and medium businesses that want to participate in research programs of the European Union and become part of the European scientific community.

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Calendar

NOVEMBER 2017

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Current issues and development initiatives are:

- Further implementation of the Laws of Ukraine "On Higher Education" and "On Science and Technology Activity", the implementation of innovative education technology, the consolidation of the University leading position in higher education and science of Ukraine.
- Active cooperation with foreign partners, expanding the participation in international projects to solve problems related to the integration into the European science and education area.
- Active use of innovation funding for scientific research, technology transfer activities, improving the efficiency of postgraduate and doctoral studies.
- Ensuring financial stability as a prerequisite for social protection of the participants in education and science processes and improving University training facilities and equipment, saving energy resources.
- Further fruitful cooperation with the Smart Transportation Alliance.



**Thank you for your
attention!**