

INTEC



Co-funded by
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University of Montenegro (UoM)

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International Engineering Competence Centres to push Sustainable Mobility

Development in Albania and Montenegro/INTEC

Call: ERASMUS-EDU-2022-CBHE-STRAND-2

Project Number: 101081873

UNIVERSITY OF MONTENEGRO



Founded in **1974**



UNIVERSITY OF MONTENEGRO

- The **oldest** higher education institution in Montenegro
- The **largest** higher education institution in the country
- It has the **largest research budget** of all Montenegrin higher education institutions
- It is involved in the **greatest number of international projects**



UNIVERSITY OF MONTENEGRO

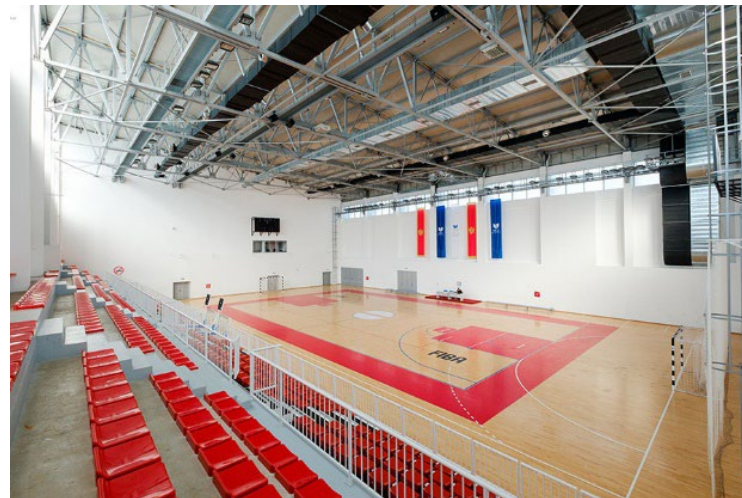
The head office of the University of Montenegro is in Podgorica (www.podgorica.me), the capital of Montenegro, with a population of around 250.000





University Sports and Cultural Centre Student Dormitories

www.skcuug.me



Student dormitories

HISTORY

1974

•Founded



1975

•First agreement with University of Florida



1992

•After being named by national hero Veljko Vlahovic, it was officially called the University of Montenegro



2004

•Bologna implementation

2023

•More than 150 agreements signed with more than 35 countries and 107 Erasmus + Inter-Institutional Cooperations agreements



STRUCTURE

19 Faculties and 3 Institutes, with campuses in all regions of Montenegro

- **1,129 members** of academic, professional, and non-academic staff
- **over 20,000 students** at all levels of study

Since 2004, teaching at the University of Montenegro has been organized according to the principles of the Bologna Declaration. **Studies are organized at the level of Undergraduate, Masters and Doctoral Studies, and offer:**

- **62 Undergraduate Study Programs**
- **73 Masters Study Programs**
- **25 Study Programs for Doctoral Studies**



UNITS OF THE UNIVERSITY OF MONTENEGRO

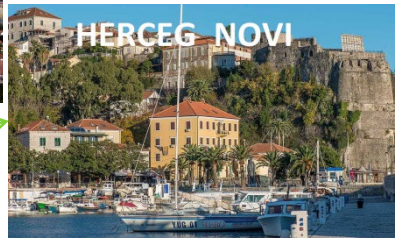
The university offers studies in all fields of natural, technical, medical, biotechnical, social and human sciences and arts and sports



- Biotechnical Faculty
- Faculty of Sport and Physical Education
- Faculty of Architecture
- Faculty of Civil Engineering
- Faculty of Dramatic Arts
- Faculty of Economics
- Faculty of Electrical Engineering
- Faculty of Fine Arts
- Faculty of Law
- Faculty of Mechanical Engineering
- Faculty of Medicine
- Faculty of Metallurgy and Technology
- Faculty of Philology
- Faculty of Philosophy
- Faculty of Political Science
- Faculty of Science and Mathematics
- Faculty of Tourism and Hotel Manag.
- Faculty of Maritime Studies
- Academy of Music
- Institute for Marine Biology
- Historical Institute
- Institute for Research and Innovations



LOCATED IN 8 TOWNS





INTERNATIONAL PROJECTS

University of Montenegro takes part in:

Erasmus+

IPA Programme

HORIZON 2020

FP7

HERD (Programme for Higher Education, Research and Development 2010-2014)

SCOPES (Scientific co-operation between Eastern Europe and Switzerland)

COST

TEMPUS

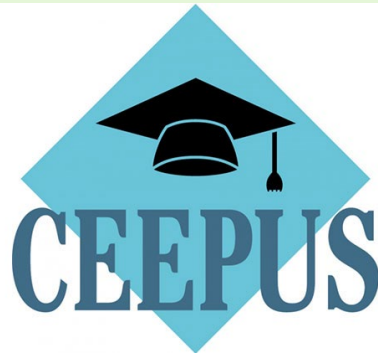


**IPA INSTRUMENT FOR
PRE-ACCESSION ASSISTANCE**



EXCHANGE PROGRAMMES

Erasmus Mundus
Erasmus +
Ceepus
Mevlana
Bilateral agreements (more than
140 agreements with universities
from more than 35 countries)





MAŠINSKI
FAKULTET
PODGORICA

FACULTY OF MECHANICAL ENGINEERING

The Faculty of Mechanical Engineering is the only faculty in this field in the country.

Faculty of Mechanical Engineering in Podgorica is established in 1970.

Teaching process at the academic bachelor, master and doctoral studies is being realized in accordance with study model 3+2+3.

Bachelor academic studies carry 180 ECTS

Master academic 120 ECTS, and
Doctoral studies 180 ECTS credits.





MAŠINSKI
FAKULTET
PODGORICA

FACULTY OF MECHANICAL ENGINEERING

There are **3 bachelor study programs** at the Faculty of Mechanical Engineering :

- Mechanical Engineering
- Road traffic
- Mechatronics

5 master study programs at the master level:

- Mechanical Engineering
- Road traffic
- Mechatronics
- Energy efficiency
- Quality and Standardization

1 doctoral study program Mechanical engineering

Scientific research, projects and activities are implemented through centers, laboratories, work teams and individually. Faculty of Mechanical Engineering have organizational unit centers and laboratories through which carried scientific work:

1. Center for Quality
2. **Center for Engines and Vehicles;**
3. Center for Hydropower plants;
4. Center for Energetics ;
5. 3D Center;
6. Center for transportation machines and metal structures;
7. LABORATORIES (Laboratory for testing metals, Laboratory for the study of turbulent flows, Laboratory for certification of facilities in line with technical reviews, Laboratory for mechatronics)



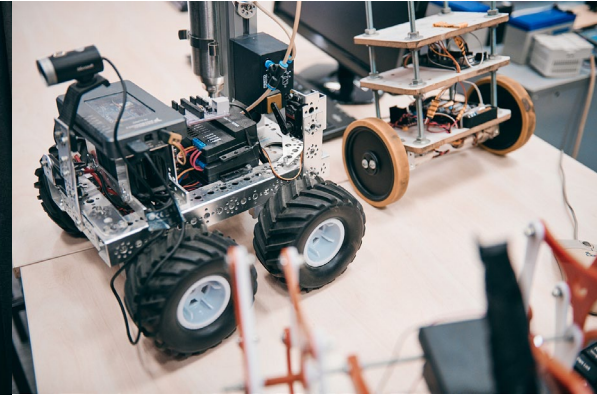
EQUIPMENT AT THE FME



„Robeco“ electric terrain vehicle



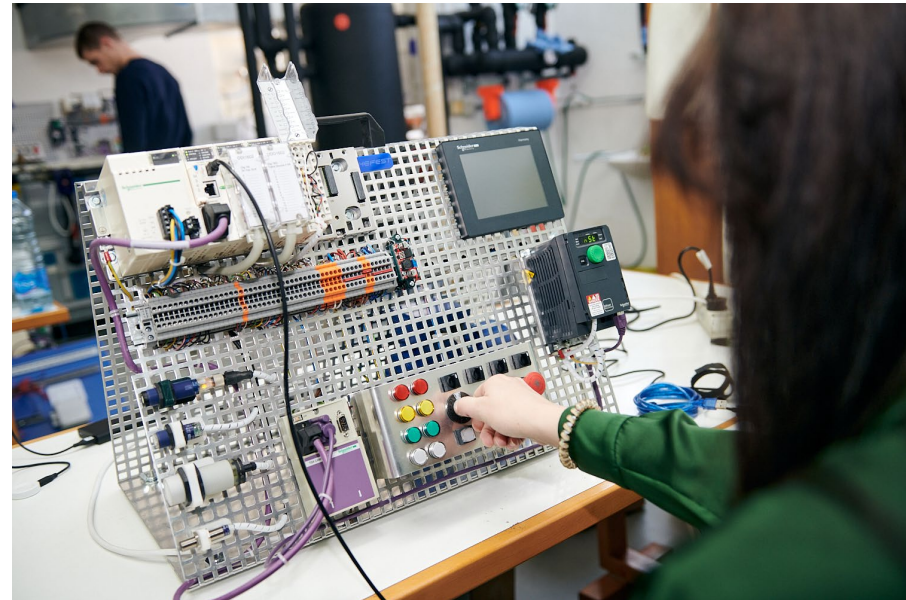
Didactic test table for hydraulic systems



Student's projects (robots)



CNC lathe



Didactic test table for automatization



Driving simulator



Solar panels



Machining center



Automated heat pump

Erasmus+ projects at the FME

FME plays an active role in Erasmus projects:

- **4 Erasmus+ projects were successfully implemented**
- **2 Erasmus+ projects are in progress**
- **4 Erasmus+ projects** are at the beginning

In the previous call of Erasmus + capacity building projects, the University of Montenegro achieved great success with 14 approved projects (2 of which as coordinating institutions).

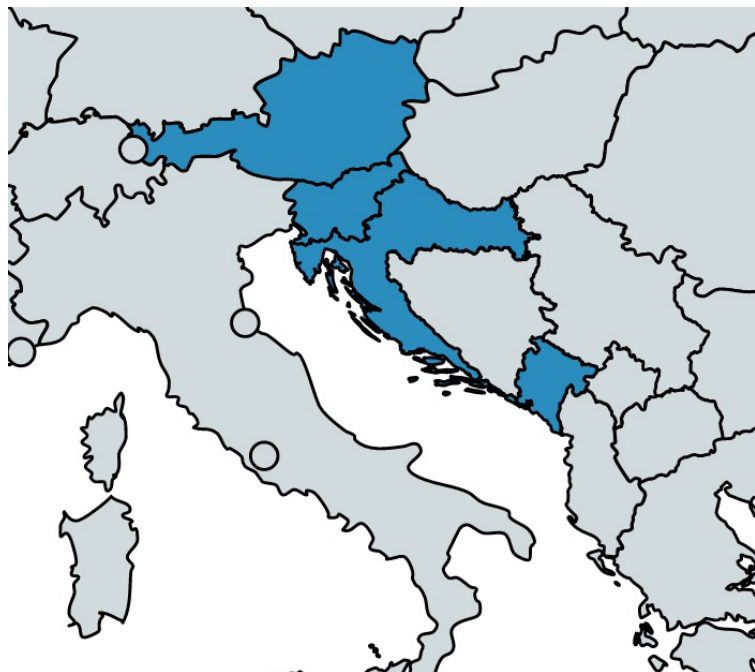
Faculty of Mechanical Engineering achieved 4 projects.



Supported by:



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by the German Bundestag



Alpe-Adria Clean Transport Alliance (AaCTA)





E-mobility Lab

INTEC



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Our team



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UNIVERSITY OF MONTENEGRO

We invite you to explore what UoM has to offer you through our website and social networks:

Web site: www.ucg.ac.me

Facebook: Univerzitet Crne Gore

Instagram: univerzitet_cg

LinkedIn: Univerzitet Crne Gore

Twitter: Univerzitet CG

WELCOME TO MONTENEGRO





University of Montenegro

THANK YOU FOR YOUR ATTENTION!

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