

jOiNEd For sUsTainability - bUilding climate REsilient
communities in WB and EU

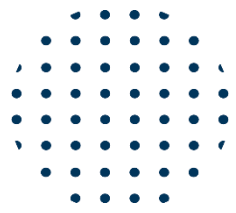
Polytechnic University of Tirana

Kick off Meeting

Date: 03 May 2023
Place: Tirana,
Albania



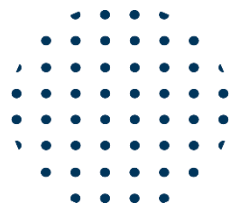
Co-funded by the
European Union



History of PUT

- **1951 - Higher Polytechnic Institute**, with four engineering schools: Geology and Mining, Mechanical, Electrical, and Civil Engineering.
- **1957 - State University of Tirana**, defining all existing higher schools as Faculties.
- **1991 - Polytechnic University of Tirana (PUT)**, with four faculties:
 1. Mechanical Engineering,
 2. Electrical Engineering,
 3. Civil Engineering, and
 4. Geology and Mining.

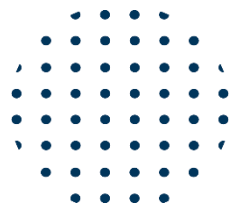




History of PUT

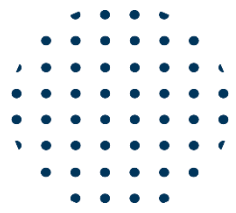
- **2007 – Two new faculties** (Information Technology and Mathematics & Physics Engineering) was established to PUT
- **2007 - Two scientific institutes** (Institute of Energy, Water and Environment (IEWE) and the Institute of Geosciences (IGS)) became part of PUT. From 2011 this two institutes are merged together in one Institute: Institute of Geoscience.
- **2013 – One new faculty** (Faculty of Architecture and Urban Planning) was established to PUT.



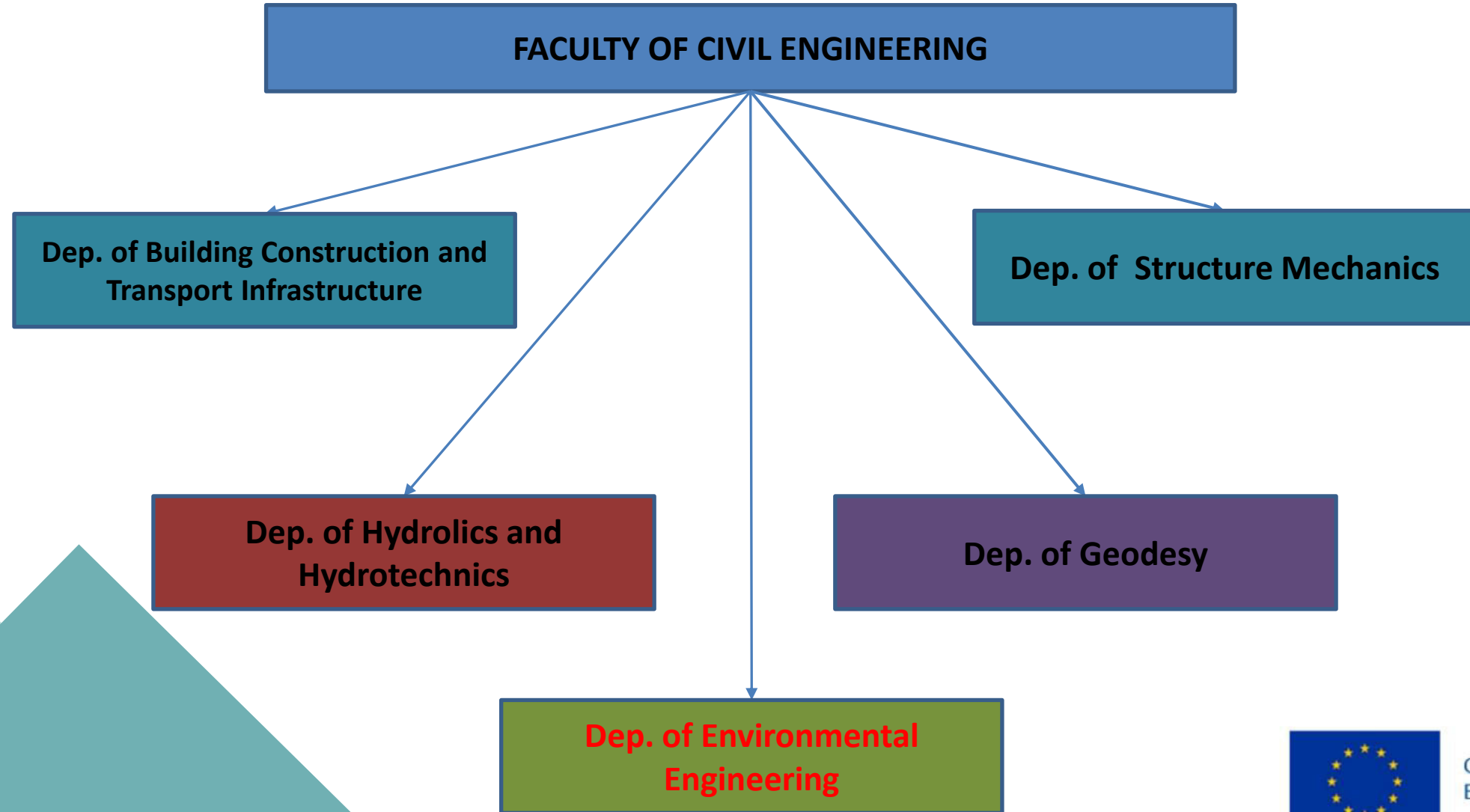


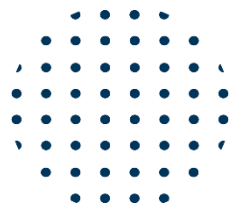
- Faculty of Civil Engineering, the largest and the most important unit of the Polytechnic University of Tirana (PUT).
- About 3000 students are currently following their studies in the FCE.
- The education process is managed by an academic staff of **63** full time lectures and **50** invited lecturers.





Faculty of Civil Engineering



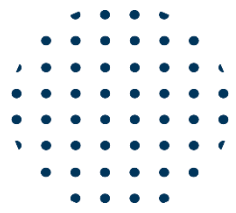


BACHELOR DEGREES IN CIVIL, HYDRO – TECHNICAL, ENVIRONMENTAL AND GEODESY ENGINEERING – 3 YEARS

TOTAL 180 CREDITS

DEGREE	1 st Year	2 nd Year	3 rd Year	
CIVIL ENGINEERING	BC1 – 60 credits	BC2 – 60 credits	BC3 – 60 credits	Final Exam
HYDRO – TECHNICAL ENGINEERING	BH1 – 60 credits	BH2 – 60 credits	BH3 – 60 credits	Final Exam
ENVIRONMENTAL ENGINEERING	BE1 – 60 credits	BE2 – 60 credits	BE3 – 60 credits	Diploma Thesis
GEODETIC ENGINEERING	BG1 – 60 credits	BG2 – 60 credits	BG3 – 60 credits	Final Exam



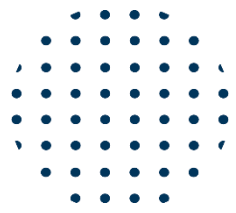


SCIENTIFIC AND PROFESSIONAL MASTER IN CIVIL, HYDRO – TECHNICAL, ENVIRONMENTAL AND GEODESY ENGINEERING

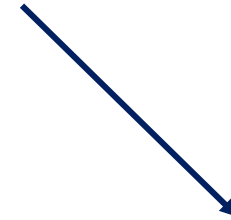
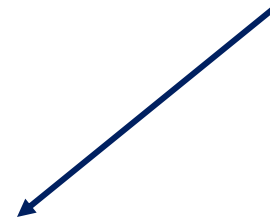
MSc. in CIVIL ENGINEERING	MSc. in HYDRO - TECHNICAL ENGINEERING	MSc. in ENVIRONMENTAL ENGINEERING	MSc. in GEODETIC ENGINEERING
Structural engineering	Hydro - technical engineering	Energy engineering	Geodetic engineering
Transportation Infrastructure Engineering		Water Treatment Engineering	
Geotechnical Engineering			

PROFESSIONAL MASTERS
Civil engineering
Hydro – technical Engineering
Environmental Engineering
Geodetic Engineering



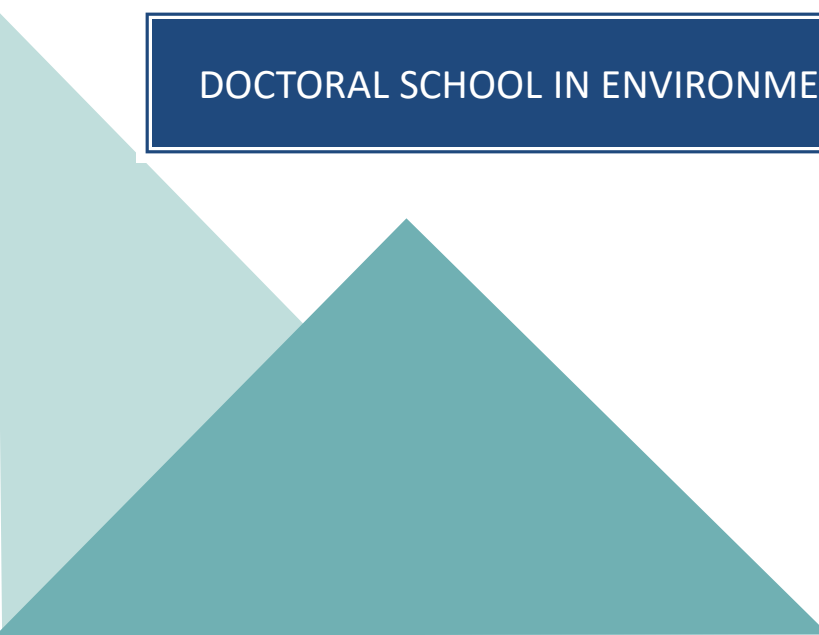


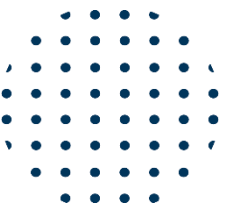
DOCTORAL SCHOOL
Duration: 3 – 5 Years



DOCTORAL SCHOOL IN ENVIRONMENTAL ENGINEERING

DOCTORAL SCHOOL IN GEODETIC ENGINEERING





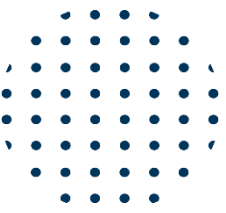
Department of Environmental Engineering

- **Established on 03.04.1995**

Tempus project in partnership with the University of Poitiers (France) and Bristol University (England).

- **Qualified academic staff (France, The Netherlands, England, Italy).**
- **About 1000 environmental engineers graduated.**

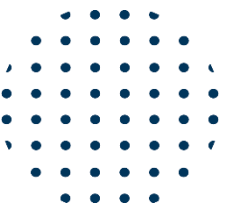




Department of Environmental Engineering

WATER TREATMENT LABORATORY

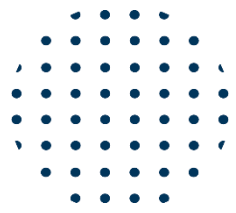




Department of Environmental Engineering

ENERGY LABORATORY

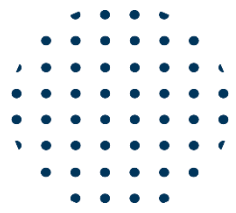




DEE - Courses and Projects

- DEE is responsible for the final exam for the certification of experts in environmental impact assessment and auditing.
- Knowledge Triangle for a Low Carbon Economy / KALCEA 618109 – EPP-1-2020-1-EL-EPPKA2-CBHE-JP / 2020-2023
- **jOiNEd For sUsTainability - bUilding climate REsilient communities in WB and EU / 1FUTURE**

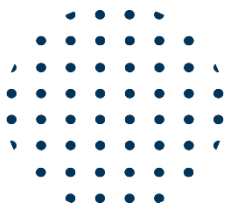




1FUTURE - PUT role

- Partner in the project
- PUT and LUND University: Leader of WP2 - Initiating climate and sustainability action within academia
- PUT - Responsible of Task 2.5 and Deliverable D2.2 (develop the **Plan for Climate Action in WBC HEIs**).





Thank you for your attention

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Head of Environmental Engineering

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