

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

WP4 presentation

KICK-OFF MEETING
University of Tuzla
Faculty of Mining, Geology and
Civil Engineering

Date: May 4th, 2023

*Place: Tirana,
Albania*



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WP 4

Work Package Number	WP4	Lead Beneficiary	9. UTZ
Work Package Name	Improving teaching and learning and research capacities within and beyond HEIs for climate and sustainability goals		
Start Month	18	End Month	36

Objectives:

- Mainstream climate and sustainability culture within WBC HEIs
- Raise awareness of staff and student community on the needs for climate action within HEIs
- Increase synergies between academia, business sector and government
- Reinforcement of networking and collaboration between staff and student communities of WBC HEIs about climate and sustainability actions





WP 4 Description

WP4 is dedicated to teaching and learning activities, aiming to achieve a revolution in student mentality in relation to their problem-solving capacities through revision of teaching content and methodologies.

In addition, within this WP, actual collaboration initiatives between HEI communities and Business communities will start, through the development and implementation of joint projects and activities. The results of this collaboration will be available and visible to all interested parties, including government institutions, professionals and business communities, as a proof of the joint climate actions developed within the project.





WP 4 main activities

Revision of content and methodology of selected courses.

- partners of WB countries have identified specific subjects where reform of current curricula is needed
- will not require new accreditation of programs of study

Implementation of a new Tailor-Made Short Intensive Course in each WBC HEI

- projects partners of WBC considered the introduction of a short course rather than a full study program
- Short Intensive Courses will target both professionals and current students
- they will offer micro-credits, based on the specific regulations and Law provisions in different WB countries





Deliverables

- **D4.1 – Revised Curricula for existing courses and New Curricula of Short Intensive courses and Learning materials** (Lead beneficiaries of this Deliverable are: UTZ, IUAV, HNEE)
 - Electronic and printed
 - Languages: Albanian/Bosnian/Montenegrin/ English
 - Due month: 24
- **D4.2 – Tailor Made Short intensive courses**
(Lead beneficiaries of this Deliverable are: UTA, UPT, ULA, UTZ, CEPS, UoM)
 - Due month: 36
- **D4.3 – Book of case studies**
(Lead beneficiaries of this Deliverable is: UTZ, IUAV, HNEE)
 - Electronic and printed
 - Languages: Albanian/Bosnian/Montenegrin/ English
 - Due month: 36





Milestones

Raised capacities and awareness on climate action

- Lead Beneficiary: UTA
- Means of verification:
 - ⑩ Trainings Courses Logistics (number of students/professionals enrolled, topics covered, hours of teaching, number of internships)
- Due month: 24

Developing solutions for climate and green deal goals

- Lead Beneficiary: UTZ
- Means of verification:
 - ⑩ Number of case studies developed through the collaboration platform
- Due month: 36





Critical risks & risk management strategy

Insufficient number of professionals and students interested in attending short intensive courses

- Impact: High / Likelihood: Medium
- Mitigation measures:
 - The WB HEIs in close collaboration with the business associations and NGOs will:
 - identify and choose employees from public and private institution who will attend the short intensive courses
 - define adequate requirements of the profiles of professionals who would attend the short intensive courses and provide detailed information to selected stakeholders on the outcomes of the courses





Critical risks & risk management strategy

Adopting the adequate approach in developing learning materials based on the professionals' needs.

- Impact: Medium / Likelihood: Medium
- Mitigation measures:
 - The conducted surveys and interviews with public and private institutions, business communities and other stakeholders under WP 2 will identify the needs in terms of capacities and knowledge in the areas of climate action and sustainability.
 - The learning materials will be developed based on the specific needs identified under WP2 and will be reviewed by the EU partners.





Critical risks & risk management strategy

Inability to perform training and teaching visits due to travel restriction or other external factors.

- Impact: Medium / Likelihood: Medium
- Mitigation measures:
 - Online trainings and teaching will be organized or postponing of visits will be considered





Critical risks & risk management strategy

Teaching staff unmotivated/unwilling to change/revise/modernise teaching content and teaching methodologies.

- Impact: High / Likelihood: Low
- Mitigation measures:
 - The plan for Climate Action approved by governance in each WBC HEI will state the engagement of HEIs for revising courses according to this proposal and the needs analysis performed.





Critical risks & risk management strategy

Insufficient number of staff and students interested in participating in internships and collaborating with the business sector.

- Impact: High / Likelihood: Low
- Mitigation measures:
 - The WBC HEIs involved in the project will regularly inform students and staff about the planned internship and their benefits through different dissemination channels such as the university website, social media, and the newsletter of the project. A friendly and engaging approach in organizing internships will be adopted.





Conclusion / WP4 highlights

Organization of **trainings** of WBC staff (42 staff members) to EU countries and to third countries associated with the EU / Trainings will increase the insights of staff for implementing innovative elements to the current curricula of WBC HEIs / Appropriate revision of curriculum, including content and teaching methodologies, based on best EU experience gained during the training is the outcome achieved from the trainings

Joint collaboration for conceiving the Tailor-Made **Short Intensive Course** Curricula / lecturers from EU countries combined with lectures from already trained WBC HEI staff / NGOs will be actively involved in delivering these courses by offering case studies from their own projects and programs (30 guest lectures / 400 professionals and students will participate)

Digital learning. Elements of digital learning will be actively included in the development of the Short Intensive Courses and revised courses / webinars will be produced for selected topics / Live streaming of selected lectures will be offered

Serving as a teaching methodology, and as an instrument for achieving joint collaboration, **internships** in selected companies will be organized (will be based on the concept that students develop ideas and solution to make companies operations more efficient, and greener / interested companies - to make a pilot project based on the student's idea)

Peer reviewed **book of the case studies** developed within the WP4, will be published on the website of the project, and will serve as an example of best practices to be used by public and private institutions not only in WB but also in the EU / while serving as a dissemination instrument for the project, will address the needs of policy makers to review their programs and policies based on the practical examples shown in the book / will be made available through open access on the e-library of the project.





Conclusion / WP4 highlights

Activities of the project start with WP2 and end in WP4.

WP4 is dedicated to **teaching and learning activities** - aiming to achieve a revolution in student mentality in relation to their problem solving capacities through **revision of teaching content and methodologies**

The implementation of WP4 will require the active collaboration between EU and WBC countries / In addition: the active collaboration between HEIs and business sector will ensure the achievement of the goals of this WP.





Thank you for your attention

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