



21st International Symposium of MASE
"STRUCTURAL ENGINEERING – LIMITLESS"
September, 24th – 27th, 2025, Ohrid, N. Macedonia



BOOSTING DIGITAL AND GREEN SKILLS FOR A RESILIENT AND SUSTAINABLE BUILT ENVIRONMENT

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INTRODUCTION

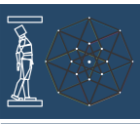
Economic and social development is crucial for better living standards in Europe.



The challenge of climate change, with its' disastrous consequences for society, needs to be overcome, which is highly dependent on achieving the **Millennium SD Goals**, as well as the goals of Green and Digital transition.



Image source: <https://unhabitat.lk/about-us/sustainable-development-goals/>



INTRODUCTION

The use of digital technologies is crucial for achievement of the European Green Deal objectives and for reaching climate neutrality by 2050.



Image Source: <https://euinasean.eu/eu-green-deal/>



Image Source: <https://publications.jrc.ec.europa.eu/repository/handle/JRC129319>



INTRODUCTION

Climate action and sustainability are set as priorities of Western Balkans governance.



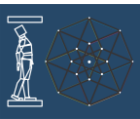
ALB



MNG



BH



INTRODUCTION

Digital technologies are powerful enablers for the green economic transition: moving to a circular economy and decarbonizing energy, transport, construction, agriculture and all other industries and sectors.



Image Source: <https://www.digitalsme.eu/digital-sme-puts-forward-a-new-digital-agenda-for-the-western-balkans/>



SKILL2SUSTAIN ERASMUS+ PROJECT

<https://skill2sustain.uns.ac.rs/>

The project CV

Project title: **Boosting digital and green skills for a resilient and sustainable Western Balkan society**

Acronym: **SKILL2SUSTAIN**

Project number: **101178204-ERASMUS-EDU -2024-CBHE-STRAND-2**

EU overarching priorities: **Green Deal and Digital transformation**

Regional priority areas: **Region 1 - Western Balkans**

Geographical targets: **Multi-country project**

Number of partners: **14**

Number of countries: **7**

Project duration: **01/04/2025 - 31/03/2028**

Boosting digital and green skills for a resilient and sustainable Western Balkan society

2025-2028

Welcome to official website of the 101178204 – SKILL2SUSTAIN project. This project has been funded with support from European Commission, within ERASMUS + programme.





SINCE 2014



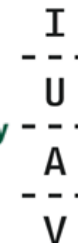
Knowledge For Resilient soCiEtY – K-FORCE (2016–2020)



Technical University of Denmark



JOINED For sUsTainability – bUilding climate REsiliEnt communities in WB and EU – 1Future (2023–2026)



Boosting digital and green skills for a resilient and sustainable WB society – SKILL2SUSTAIN (2025–2028).



UNIVERZA V LJUBLJANI





SKILL2SUSTAIN Consortium

Project Partners



COORDINATOR:

- University of Novi Sad (Serbia)

BENEFICIARIES:

- University of Montenegro (Montenegro)
- University of Tirana (Albania)
- Polytechnic University of Tirana (Albania)
- University of Banja Luka (B&H)
- University college CEPS – Center for Business Studies (B&H)
- University of Ljubljana (Slovenia)
- University of Zagreb (Croatia)
- Ss. Cyril and Methodius University in Skopje (North Macedonia)
- NGO Construction – Science and Practice (Montenegro)
- Chamber of Engineers of Montenegro (Montenegro)
- Environmental and Territorial Management Institute (Albania)
- Chamber of Economy of the Federation of Bosnia and Herzegovina (B&H)
- Chamber of Commerce and Industry of Banja Luka Region (B&H)



 www.skill2sustain.uns.ac.rs

 skill2sustain@uns.ac.rs

 SKILL2SUSTAIN



About the SKILL2SUSTAIN project

The project aim

To mainstream a holistic approach towards digitalization and green transition action, by creating effective, contemporary and sustainable education ecosystem – study programmes and certified LLL programmes for twin green and digital transition.

Specific project objectives

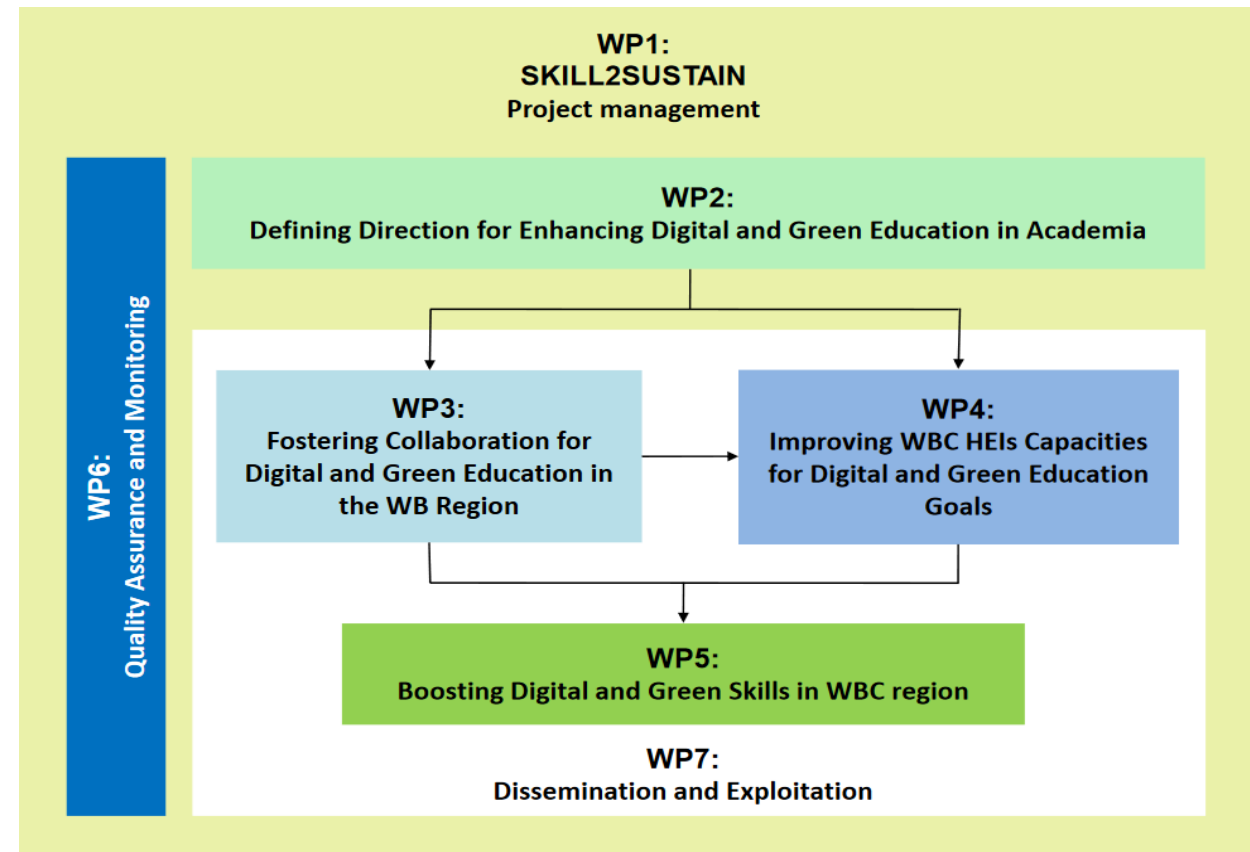
S01: Establish Research and Education Centres (RECs) for green and digital transition within each WBC HEIs.

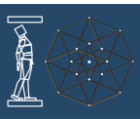
S02: Raise awareness of staff and student community on the needs for green and digital skills within HEIs.

S03: Promote green transition and digitalization culture within WBC HEIs.

S04: Increase Synergies between academia and stakeholders for implementing joint initiatives for green transition and digitalization.

S05: Reinforce networking and collaboration between staff and student communities of WBC and EU about digitalization and green transition actions.





SKILL2SUSTAIN Key Outcomes

- **Digital and Green Initiative for WBC Education in Academia** formulated and signed by all project partner.
- **5 educational ICT based interoperable Research and Education Centers** at WBC HEIs established.
- **Teaching methodologies improved** through study visits and **b-learning material** offered in EN/ALB/MNG/BIH/SRB by ICT collaboration platform and e-library in open access.
- **10 curricula modernized/developed** and implemented at 5 WBC HEIs:
 - 2 new BSc,
 - 3 modernized BSc/MSc and
 - 5 new Certified LLL programmes,with innovative green topics: **Circular Economy, Building Renovation, Energy Efficiency, Fire Safety, and Disaster Risk Management**, supported by **digital skills** development (BIM and GIS).

Modernization/development direction will be defined based on national/regional needs and know-how transfer from EU HEIs.



KICKOFF MEETING 2025

**Boosting digital and green skills
for a resilient and sustainable
Western Balkan society**



May 5th and 6th



9.00 -16.00



**University of Novi Sad
NOVI SAD, SERBIA
Science and Technology Park**



Thank you for your attention!

contact: skill2sustain@uns.ac.rs