



AGRO FORESTRY PRACTICES IN WEST BALKAN  
FOR SUSTAINABLE DEVELOPMENT:  
WEAKNESSES AND STRENGTHS



# Report of meeting

## Consultation regarding curricula analysis and methodology of digital database



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## Project information

Project title	Agroforestry practices in West Balkan for sustainable development: weaknesses and strengths
Project acronym	AGFORWEB
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Coordinator	University of Belgrade
Project start date	December 1, 2022
Project duration	24 months

## Document control sheet

Title of the Work Package	WP2 Preperation
Title of Deliverable	<a href="#">Report of consultations regarding curricula analysis and methodology for digital database</a>
Institution(s) and Author/s of the deliverable	University of Belgrade Stefan Miletić
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Status of the document	final



## AGENDA

### ***Consultations and discussion regarding curricula analysis and methodology for digital database***

Tuesday 14 <sup>th</sup> March 2023	
11:45 – 12:00 h	Registration of participants
	Welcome note and Opening Remarks University of Belgrade – Faculty of Forestry (dr Branko Stajić)
12:00 – 13:30 h	Welcome note opening the meeting (dr Sara Lukić) Consultations and discussion regarding curricula analysis (dr Jelena Beloica) Visiting the Faculty of Forestry and Arboretum
13:30 – 14:30 h	<i>Launch break</i> Consultations and discussion regarding methodology for digital database (dr Jelena Beloica)
14:30 – 17:30 h	Consultations and discussion regarding upcoming activities in WP3 - Development (dr Milić Čurović) Consultations and discussion regarding template for publications and activities in WP4 – Innovative learning material (dr Vladimir Ivezic) Closing the meeting
19:00 h	<i>Dinner</i>



Participants from 4 partner institutions - University of Belgrade Faculty of Forestry, Serbia (UB); University of Forestry from Sofia, Bulgaria (UFS); Josip Juraj Strossmayer University of Osijek Faculty of Agrobiotechnical Sciences (UNIOS) and University of Montenegro Biotechnical faculty (UOM) were present at the meeting (19 participants).

Representatives from Croatian Forest Research Institute from Jastrebarsko, Croatia (CFRI) was not present at the meeting due to medical reasons. The list of attendees is present below.

The working meeting on Consultations and discussion regarding curricula analysis and methodology for digital database activity A2.2 in WP2 of the project *Agroforestry practices on West Balkan: weaknesses and strengths – AGFORWEB* was held on Tuesday 14. March 2023 as the first live meeting. The information on holding the meeting was posted on the official website of University of Belgrade Faculty of Forestry <http://www.sfb.bg.ac.rs/radni-sastanak-u-vezi-projekta-agforweb/>.

In the first section, the welcome speech was given by the Vice dean for science and international cooperation of the University of Belgrade Faculty of Forestry, prof. dr Snežana Belanović Simić and project coordinator dr Sara Lukić officially opened a meeting and welcomed the project participants.

The first presentation dealt with the activity of Consultations and discussion regarding curricula analysis and was presented by the leader of WP2 dr Jelena Beloica. The presentation contained final considerations on the curricula analysis report and a plan for further activities. Based on the analysis, the main observed gaps, and guidelines for improving the curricula are as follows:

- Better understanding of the potential of agroforestry practices and possibilities for planning new or improving existing practices
- Literature of the Agroforestry systems module needs to be updated and supplemented regarding state and practices in the Western Balkans
- Update the topic of environmental aspects in the field of agroforestry and link agroforestry with environmental issues
- Practically apply theoretical knowledge through the preparation, presentation, and discussion of case studies
- Curricula improvement lies in bringing and linking international and national environmental policies into Agroforestry curricula Information and knowledge about existing legislation with a particular emphasis on introduction to UNCCD (United Nations Convention to Combat Dese action), UNCBD (United Nations Convention of Biological Diversity), The European Green Deal (EGD), New EU Forest Strategy 2030 and Common Agriculture Plan, Agroforestry and trees in the Nature Restoration Regulation, etc.
- Curriculum redesign should include principles and strategies of Bloom's revised taxonomy

A preliminary meeting was held on March 2<sup>nd</sup>, 2023, with project representatives of the ERASMUS project *Heal-in-One*, regarding External evaluation of the Report 1 of analyzed curricula and improvement and new curricula and the potential networking of these two projects.

Dr Georgi Kostov briefly presented the practice of agroforestry, which will be presented and processed through the creation of a database as one of the main examples of the application of agroforestry in Bulgaria. The protective belts divide agricultural areas in the northeastern part of Bulgaria, which occupy 3 percent of the entire territory of Bulgaria.



After a short break, visit the Faculty of Forestry, Arboretum of the Faculty of Forestry and lunch break the meeting continued.

The meeting continued with dr Jelena Beloica's presentation regarding consultations and discussion of the methodology for the digital database. Forming a digital database will be conducted through 4 steps:

- Online data storage and data exchange through G-drive
- Developing methodology for creating digital database
- Data collection and digitization
- Database usage and evaluation

The partners have agreed on the most common agroforestry practices in consortium countries that will be contained and presented in a digital database.

The layout of the attribute table for collecting the data on most common agroforestry practices was presented and discussed in terms of the content and level of detail of the parameters, as well as the classification of agroforestry practices that will be used.

Responsible person was appointed for formation of a database and data sources on agroforestry practices for each country from each partner institution:

Persons	Agroforestrz practicies	Data sources
Aleksandar Baumgertel, Predrag Miljković	Shelterbelts (Silvopastoral)-Vojvodina	
Krasimira Petkova	Shelterbelts- Dobrogea	
Dijana Vuletić, Anton Brenko		
Milić Čurović, Milena Đokić	Silvopastoral- North East Montenegro (Plav, Gusinje)	
Vladimir Ivezic, Vladimir Margeta	Silvopastoral (Alley cropping)-Slavonija	

Consultations and discussion regarding upcoming activities in WP3 Development were presented by the leader of WP3 dr Milić Čurović. The two main topics of discussion concerned activities of A3.1 Curriculum improvement and A3.2 Proposal for change of curricula in the next accreditation round. Responsible person for each partner institution were delegated for activities A3.1 and A3.2:

- UB – Sara Lukić, Jelena Beloica and Ljiljana Keča
- UOM – Milić Čurović and Jelena Lazarević
- UNIOS – Vladimir Ivezic and Vladimir Margeta
- UFS – Krasimira Petkova

Curricula improvement involves significant engagement and activities which include:

- Analysis of curricula of Agroforestry modules and similar modules in Universities in Europe (output from WP2)
- Analysis of the current curricula and identification of gaps in (output from WP2)
- Consideration of common agroforestry practices and potentials for agroforestry in each country
- Mutual consultation



- Improving curricula

Considering that UOM does not have a subject that is directly in the field of agroforestry, it will have a more demanding task to develop the curriculum for a new subject in the field of agroforestry for the next accreditation round. UOM will gather experiences from curricula analysis from EU universities and universities in partner countries.

Activities regarding A3.3 Study visits for professors and students, A3.4 Guest lectures and A3.5 Master theses were just briefly discussed because those activities are scheduled for the next school year 2023/2024.

Consultations and discussion regarding template for publications and activities in WP4 – Innovative learning material presented by dr Vladimir Ivezić, leader of WP4. The main activities in WP4 will provide three publications:

- A4.3 Guide for Farmers and Local Self-Government
- A4.1 Creating learning materials for students
- A4.2 Manual for using a digital database

The first activity in WP4 is the creation of a Guide for Farmers and Local Self-Government. The guide for each country of the consortium should be printed in the native language of that country and should be adapted to the agroforestry practices in that country. The guide should be ready for the Workshops for the local community (WP5) that start in September 2023. Creating learning materials for students represents the biggest challenge of this work package in terms of time available for writing and review process.

Two concepts of the chapters of the textbook were presented. The first concept is to divide the chapters based on the countries participating in the project and their applied agricultural practices. The second concept is that the chapters are divided according to current classification of agroforestry practices. General introduction chapters such as history, concept, definition, classification of agroforestry practices, etc. should contain both textbook concepts. Participants agreed that the second concept is better, i.e. the chapters of the textbook should be based on agroforestry practices, and thus some general preliminary chapters were proposed. The presentation was followed by a discussion on the layout, content, and selection of reviewers and duration of review process.

The first day of the meeting ended at 16:50.

The information on this event was published on the official website of the University of Belgrade Faculty of Forestry: <https://www.sfb.bg.ac.rs/sumarski-fakultet-je-koordinator-projekta-agforweb/>.



## ATTENDANCE LIST

No	Name	Organization
1	Snežana Belanović Simić	University of Belgrade
2	Aleksandar Baumgertel	University of Belgrade
3	Vladimir Ivezic	Josip Juraj Strossmayer University of Osijek
4	Vladimir Margeta	Josip Juraj Strossmayer University of Osijek
5	Milica Caković	University of Belgrade
6	Jelena Lazarević	University of Montenegro
7	Angelina Novaković	University of Belgrade
8	Stefan Miletic	University of Belgrade
9	Georgi Kostov	University of Forestry Sofia Bulgaria
10	Krasimira Petkova	University of Forestry Sofia Bulgaria
11	Nasko Iliev	University of Forestry Sofia Bulgaria
12	Predrag Miljković	University of Belgrade
13	Jelena Beloica	University of Belgrade
14	Milica Marčeta	University of Belgrade
15	Ljiljana Keča	University of Belgrade
16	Ivana Stojiljković	University of Belgrade
17	Milena Đokić	University of Montenegro
18	Milić Čurović	University of Montenegro
19	Sara Lukić	University of Belgrade

