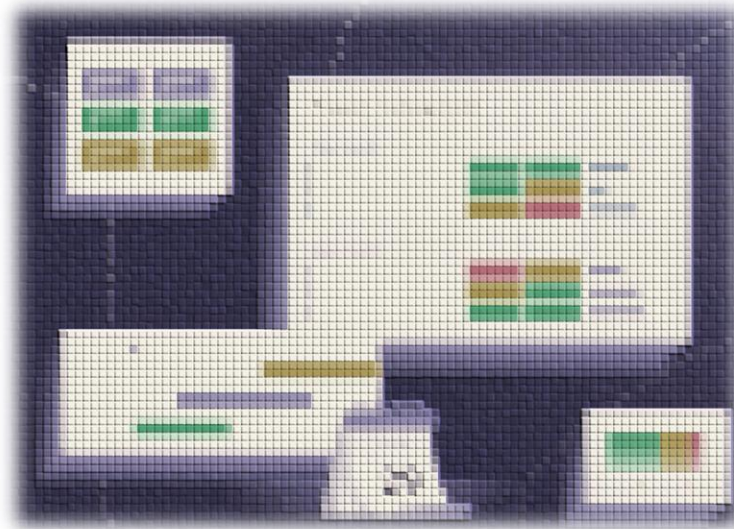




## Fifth-quarter Joint Report of AGFORWEB project





### Project information

Project title	Agroforestry practices in West Balkan for sustainable development: weaknesses and strengths
Project acronym	AGFORWEB
Project reference number	2022-1-RS01-KA220-HED-000089900
Coordinator	University of Belgrade
Project start date	December 1, 2022
Project duration	24 months

### Document control sheet

Title of the Work Package	WP1 Project Management
Title of Deliverable	Fifth-quarter Joint Report (QR5)
Institution(s) and Author/s of the deliverable	<b>University of Belgrade</b> Sara Lukić
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Status of the document	Final



In the fifth three-month period from December to February activities were planned in all WPs according to the timeline of the Project (Fig. 1).

Months		13	14	15
		Dec.23	Jan.24	Feb.24
P1	Project management team meetings	PMU		
	Guidelines for reporting and correspondence			
	Reports			
	Day-to-day correspondence and administrative tasks			
P2	Analysis of the existing curricula			
	Consultations regarding curricula analysis and methodology for digital			
	Creating a methodology for digital data base			
	Forming a digital database			
P3	Curricula improvement			
	Proposal for change of curricula in next accreditation round			
	Study visits for professors and students			
	Guest lectures			
P4	Master thesis			
	Creating a learning materials for students			
	Manual for using the digital database			
P5	Guide for Farmers and Local Self Government			
	Development of Quality Assurance plan			
	Development of Dissemination plan			
	Promotional material			
	Website establishment and maintenance			
	Workshops for local community			
Quality Assurance Committee meetings				

Figure 1. Timeline of AGFORWEB project for the period from December to February (5<sup>th</sup> quarter)

In the WP1 activities, the Project management team have an online meeting held on January 15<sup>th</sup>, 2024. PMU meeting covered topics related to activities in WP4 regarding publications and dissemination activities:

- Appointment of editorial board members for a textbook in English
- Appointment of executive editor
- Activities in pre-publishing process (proofreading, preparation for printing, printing)
- Publishers of editions in partner languages
- Dissemination activities.

Report of the fourth PMU meeting was submitted.

WP leaders and contact persons submitted reports for the fifth quartile (December – February). According to the reports, this joint report has been prepared.



Activities conducted in the WP2 in the period from December to February were:

**Activity 2.4** – Forming a digital database. Due to complexity of obtaining data on climatological parameters which should be contained in digital database, UB engaged experts from University of Belgrade Faculty of Physics to prepare data needed for all partner countries. The data was provided and incorporated into the joint digital database so that each agroforestry practice recorded in the joint database has the data on temperature and precipitation for reference period 1991-2020, and projections for three periods 2011-2040, 2041-2070, and 2071-2100 according to scenario RCP 8.5. The costs of the engagement of the experts from UB Faculty of Physics amounts 1000 euros and should be equally shared among partners.

Activities in WP3 are in progress in the period from December to February.

**Activity 3.3** – Study visits. The third study visit will be organized by CFRI and held from 24<sup>th</sup> to 26<sup>th</sup> April in Pazin, Istria, Croatia. The main consideration of this study visit will be agroforestry practices related to forest farming.

Also, the next study visit to Bulgaria will be held from 23<sup>th</sup> to 26<sup>th</sup> June 2024, and preparation and organization are in progress.

**Activity 3.4** – Guest lectures. At UoM Biotechnical Faculty in Podgorica on December 1, 2023 Dr. Sara Lukić held guest lecture on the topic: *The potential of protective forest belts in combat climate change*. The lecture was attended by 24 attendees - undergraduate students and students of master study programs.

**Activity 3.5** – Master thesis. The first two titles and committees for evaluation of Master thesis in the field of Agroforestry were approved by the Council of the Biotechnical Faculty of the University of Montenegro.

**Candidate:** BSc Ana Kaluđerović

**Master thesis title:** Comparative analysis of the use of katun as an agroforestry practice in the municipalities of Andrijevisa and Gusinje

**Committee members:**

Doc.dr. Milić Čurović – UoM Biotechnical Faculty, Podgorica - mentor

Prof. dr. Vladimir Margeta – UNIOS Agrobiotechnical Faculty, Osijek

Dr Dušica Radonjić – UoM Biotechnical Faculty, Podgorica

**Candidate:** Dalibor Jakić

**Master thesis title:** GIS application in the analysis of agroforestry practices in the katuns of the municipality of Plav

**Committee members:**

Doc.dr. Milić Čurović – UoM Biotechnical Faculty, Podgorica - mentor

Prof. dr. Vladimir Margeta – UNIOS Agrobiotechnical Faculty, Osijek

Dr Dušica Radonjić – UoM Biotechnical Faculty, Podgorica

Activities in WP4 are in progress in the period from December to February.



*Activity 4.1* – Textbook for students. Writing of the textbook was the main activity in this period. To avoid overlapping of the chapter contents, regular online meetings have been held. In December an **online** meeting was held on **December 4<sup>th</sup>, 2023** to discuss draft versions of chapters have been prepared. According to agreement at this meeting, contributions of the general part of the textbook (first 6 chapters) in English were submitted by December 20<sup>th</sup> of December. UB submitted chapters 2, 3, 6 and 10, UNIOS chapter 1, UFS chapter 5 and UoM chapter 4.

Three online meetings were held in January on **January 4<sup>th</sup>, 22<sup>nd</sup> and 29<sup>th</sup>, 2024** to define structure of the specific part of the textbook that contain country specific agroforestry practices and experiences and to prepare list of tree and shrub species in existing agroforestry practices in consortium countries and suitable for application in the establishment of the agroforestry practices.

One online meeting was held on **February 5<sup>th</sup>, 2024** to agree on the title of the textbook in English: **Agroforestry Practices in Southeast Europe**. Publisher of this publication will be University of Belgrade Faculty of Forestry. Three reviewers accepted to review the textbook in English and it is planned to start the procedure for appointing reviewers in March at the University of Belgrade Faculty of Forestry.

According to the Project proposal, each partner is responsible for preparing their chapters for printing. As UB is responsible for printing, partners agreed to share costs of preparation for printing of the Textbook in English and the Manual for digital database which should be done by printing house which will be hired for printing these publications. The costs of preparation for printing of the Textbook in English and the Manual for digital database and proofreading of the Manual for digital database will amount 1750 euros, which is 350 euro per partner institution.

Technical details such as citation style was also discussed. It was agreed to apply citation style that is less disruptive for students which use numbers in brackets for in-text citation and in the reference list all references are organized alphabetically by author last name and assigned a number according to their order in the list.

*Activity 4.2* – Manual for using the digital database. Manual for using the digital database is in preparation by team members from UB and CFRI. Manuscript is will be subjected to review process. Each partner is responsible for proofreading and preparation for printing for the edition in their language. UB is responsible for proofreading and preparation for printing for edition in English. Publisher of the editions in Serbian, English and Montenegrin will be University of Belgrade Faculty of Forestry. Publisher of the edition in Croatian will be CFRI and publisher of the edition in Bulgarian will be UFS. After peer-review and corrections according to reviewers' suggestions, manuscript will be available for translation in partner languages, editing and preparation or printing which is responsibility of each partner. Printing is responsibility of UB.

Activities in WP5 are in progress in the period from December to February.





**Activity 5.1** – Development of Quality Assurance Plan. UFS completed questionnaire for improved curricula with two groups of students and sent to the WP5 leader.

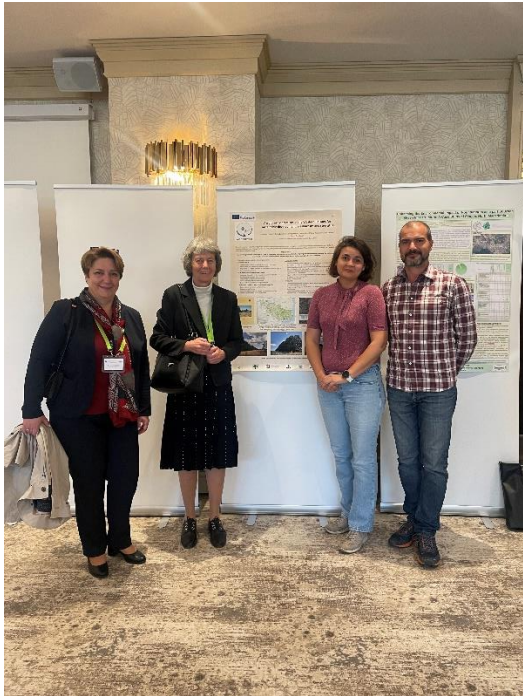
Master students completed questionnaire for improved curricula of the modules Agroforestry Systems at UB Faculty of Forestry and at UFS.

**Activity 5.2** – Development of Dissemination Plan.

Dissemination activities in period December-February:

UFS conducted dissemination activities according to DP:

- February 20-24<sup>th</sup>, 2024, at the International Agricultural Exhibition AGRA 2024 Plovdiv, Bulgaria, – presentation of the Project



UB published the article in the magazine Agricultural Adviser in January 2024:

- January, 2024 - The article "*Protective forest belts as an agroforestry practice*" By Sara Lukić and Aleksandar Baumgertel was published in the magazine Agricultural Adviser (printed edition ISSN 1450-5436; COBISS. SR-ID 11296007), which discuss the role of the protective forest belts as agroforestry practice in Vojvodina agricultural landscape.



UOM conducted dissemination activities:

- Promotion of AGFORWEB Project through social networks Instagram and Facebook by announcing news and events of the project implementation.

UNIOS conducted dissemination activity:

- Dissemination of AGFORWEB project at 21<sup>st</sup> International Symposium Animal Science Days (ASD 2023) in Lipica, Slovenia (20-22<sup>nd</sup> of September 2023) – *Agroforestry as basis for breeding autochthonous pig breeds in Croatia*. The activity was announced on social networks Instagram and Facebook.

*Activity 5.4* – Website establishment and maintenance. AGFORWEB website <https://agforweb.org/> has been weekly updated with news, information on events and results and outputs of the Project.

*Activity 5.5* – Workshops for local community. UFS is preparing a workshop scheduled for March 2024 at the Dobrudja Agricultural Institute - General Toshevo, Bulgaria, on the topic "Agroforestry - opportunities for application in Bulgaria".