

Podgorica MEETING

June, 9-11th 2019

WORK PACKAGE 3

DEVELOPMENT- Improving the scientific content

WP3 Leaders:

1. Dr Eustachio Tarasco, Associate Professor, eustachio.tarasco@uniba.it
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University of Novi Sad, Serbia, Faculty of Agriculture

Timetable today:

14:00-15:00 WP3 meeting- as defined by agenda: AD-1, AD-2 (2.1., 2.2.)

* Appointment of the Minute-taker Secretary of WP3 meeting

15:30-17:00 Work Package 3: Parallel workshops in subgroups AD-2 (2.3. and 2.4.): sub-groups meetings

Tomorrow:

8:30-10:00 Work Package 3: Parallel workshops in subgroups AD-2 (2.3. and 2.4.): sub-groups meetings continuation

10:30-11:30 WP3 Joint meeting AD-2 (2.5)

11:45-12:30 WP3 Joint meeting AD-3





Duties of the Minute-taker Secretary:

Taking the most important notes regarding the elaborated topics and decisions made during the meeting.

After the meeting, the Minute-taker Secretary will send the draft of the Minutes to the WP3 leaders, who will deliver the final version of the Minutes to each attending WP3 representative (local coordinators, students) for final approval.

The Minutes will be considered as approved if accepted by at least ½ of attending WP3 representatives.

Please,
sign the **List of attendance !**



2. DESCRIPTION OF WP 3



WP type and ref.nr

DEVELOPMENT

3

Title

Improving the scientific content

OBJECTIVES

1. To **improve the courses** that are currently taught in partners' PhD study programs;
2. To **propose** new courses (subjects);
3. To **improve scientific contents** of the PhD research topics held at PIs;
4. To organize scientific conference and to present PhD work of the students;



- In order to work on the improvement of the scientific contents and on proposing new scientific topics:
 - **Seven Proposed Scientific Groups:**
 1. Diagnosis in plant health and IPM
 2. Sustainable use of pesticides
 3. Plant feeders
 4. Plant Pathology
 5. Weed science
 6. Mycotoxins and food safety
 7. General contents of transversal interest

Based on the achievements of **WP2**, WP3 subgroups will:

-  **analyze the existing subjects** taught at PIs, by comparison of:
Methods, tools, human capacities and learning outcomes
-  **identify the teaching needs, developing common teaching materials** for the courses that are similar and **new courses**;
-  **propose the new research topics** for PhD students
-  **propose student and staff mobility** to WP5
-  **organize scientific conference** (PhD students will present their research results and activities during the mobility, teachers will present new courses developed).

TASKS and ACTIVITIES

Task 3.1. Workshops: during the project lifetime, **four WP3 workshops** are will be held (Zagreb, Podgorica, Belgrade and Mostar)

- **Topics of the first workshop in Zagreb:**
- Discussion on the organizational structure of WP3 among representatives (one of each PI)
- **Establishment of scientific groups** (seven scientific groups: Diagnosis in plant health and IPM; Sustainable use of pesticides; Plant feeders; Plant pathology; Weed science; Mycotoxins and food safety; General contents of transversal interest)
- All formed groups will discuss and agree about the working agenda during the project lifetime.



TASKS and ACTIVITIES

Task 3.2. The improvements of the existing and developing the new courses (subjects) will be organized through 3 workshops (Podgorica, Beograd and Mostar).

- Scientists' and students' members of the **sub-groups will meet and discuss** the existing subjects taught at different universities, compare the available methods, tools, human capacities and learning outcomes;
- **identify similarities** and differences among courses;
- **propose improvements** related to teaching materials, teaching methods and tools;
- **identify** courses for which the **joint learning materials** can be developed;
- **identify teaching needs** based on achievements of WP2. New courses will be proposed and jointly developed by teachers from different institutions.
- The stakeholder board (SB) will participate and provide its opinion and suggestions.

TASKS and ACTIVITIES

Task 3.3. **Scientific content improvement**, mobility of students and staff

- Members of the subgroups will **analyze the existing research topics for doctoral students and will propose new ones.**
- The stakeholder board (SB) will participate and provide its **opinion and suggestions.**
- The **mobility of students and staff will be proposed to WP5** in order to **ensure joint mentorship** and intensify scientific cooperation among the scientists.

TASKS and ACTIVITIES

Task 3.4. Scientific conference organization

- **At the end of the activity**, the scientific conference will be organized in Novi Sad in October 2021.
- The topic of the conference will be related to **Plant Health for Sustainable Agriculture**.
- Students will present their research results and activities during the mobility, teachers will present new courses developed during the project implementation period.

Expected Deliverable/Results/Outcomes

Work Package and Outcome ref.nr.: **3.1.**

Title: **Workshops organized**

Type: event, report

Due date: **15.04.2020.**

Language: English

Target groups: Teaching staff, students

Description:

- Three workshops ([Podgorica](#), Belgrade and Mostar) for member of WP3 will be organized.
- On each workshop, scientists' and students, members of the sub-groups will meet (3-4 participants/subgroup) and discuss the existing subjects taught at PhD programs of the consortium universities.
- The learning outcomes, available methods, tools and human capacities will be compared, similarities and differences among courses identified, improvements related to teaching materials, teaching methods and tools proposed and joint learning materials developed for similar courses.
- Based on the achievements of WP2, teaching needs will be identified and new courses creation will be proposed.



Expected Deliverable/Results/Outcomes

Work Package and Outcome ref.nr.: **3.2.**

Title: **Scientific needs identified and research topics for PhD thesis and joint mentorship proposed**

Type: report

Due date: **15.10.2019 (Belgrade Workshop).**

Language: English

Target groups: Teaching staff, students

Dissemination level: Department/Faculty, Regional, National, International

Description:

- Needs for further research topics and methodologies on plant health knowledge for sustainable agriculture in each of the subgroup area will be identified and possible research topics and joint mentorship proposed.
- Student and staff mobility will be proposed.



Expected Deliverable/Results/ Outcomes

Work Package and Outcome ref.nr.: **3.4.**

Title: New subjects related to plant health developed

Type: teaching material, learning material

Due date: **15.10.2021**

Languages: English, Croatian, Serbian, Italian,
Bulgarian, Bosnian, Albanian,
Greek, Montenegrin

Target groups: Teaching staff

Dissemination level: Department/Faculty, Institution,
Regional, National, International

Description:

- During the discussion within subgroups the new subjects will be proposed and developed jointly by the scientists from different PIs.
- Teaching and learning material will be developed.
- New courses will be approved by the respective authorities at institution level.
- The material will be developed in English and in national languages (if needed).



Expected Deliverable/Results/Outcomes

Work Package and Outcome ref.nr.: **3.5.**

Title: Jointly prepared teaching material

Type: teaching material, learning material

Due date: **15.10.2021.**

Languages: English, Croatian, Serbian, Italian, Bulgarian, Bosnian, Albanian, Greek, Montenegrin

Target groups: Teaching staff

Dissemination level: Department/Faculty, Institution, Regional, National, International

Description:

- The common teaching material in a form of ppts, textbooks, multimedia, etc, will be developed for the courses that are similar and taught at different PIs.
- The material will be developed in English and in national languages (if needed).



Expected Deliverable/Results/Outcomes

Work Package and Outcome ref.nr.: **3.6.**

Title: Scientific conference organization

Type: event, report

Due date: **15.10.2021.**

Languages: English, Croatian, Serbian, Italian, Bulgarian, Bosnian, Albanian, Greek, Montenegrin

Target groups: Teaching staff, Students, Administrative staff, Others (Stakeholders who are interested in results of specific research topics will be presented at the conference; scientists interested in wider research field)

Dissemination level: Department/Faculty, Regional, National, International

Description:

- At the end of the activity, the scientific conference in Novi Sad (October 2021) will be organized.
- PhD students will present their research results.
- The newly developed courses will be presented at this conference as well as the curriculum for Joint PhD study program.
- The Program of the conference and Book of Abstracts will be published on the web page.



3. WP3 WORKSHOP

- a) discussion on the organizational structure of WP3 subgroups (subgroup leaders...)
- b) creation of the working sub-groups, and defining working agenda during the project lifetime

SCIENTIFIC WP3 SUB-GROUPS



SUBGROUP 1. Diagnosis in plant health and IPM (5 teachers + 1 student)

No	Name family name	Institution
1.	Maja Čačija, Assistant professor	1. University of Zagreb Faculty of Agriculture (FAZ)
2.	Eustachio Tarasco, Associate Professor	3. University Aldo Moro of Bari (UNIBA)
3.	Franco Nigro, Associate Professor	3. University Aldo Moro of Bari (UNIBA)
4.	Epameinondas Paplomatas, Professor	5. Agricultural University of Athens (AUA)
5.	Besnik Skenderasi, Associate Professor	7. University F.S. Noli Korce (UNKO)
6.	Ana Velimirović, PhD Student	12. University of Montenegro, Biotechnical Faculty (UOM)

SUBGROUP 2. Sustainable use of pesticides (6 teachers + 5 students)

No	Name family name	Institution
1.	Aleksandar Mešić, Associate professor	1. University of Zagreb, Faculty of Agriculture (FAZ)
2.	Matteo Spagnuolo, Assistant Professor	3. University Aldo Moro of Bari (UNIBA)
3.	Miroslav Tityanov, Associate Professor	4. Agricultural University Plovdiv (AU)
4.	Magdalena Cara, professor	6. Agricultural University Tirana (AUT)
5.	Dragica Brkić, Associate professor	10. University of Belgrade (UB)
6.	Slavica Vuković, Associate Professor	11. University of Novi Sad (UNS)
7.	Andi Sollaku, PhD student	6. Agricultural University Tirana (AUT)
8.	Uroš Vojinović, PhD student	10. University of Belgrade (UB)
9.	Milica Dudić, PhD student	11. University of Novi Sad (UNS)
10.	Balša Bajagić, PhD student	12. University of Montenegro, Biotechnical faculty, (UOM)
11.	Dragan Jurković, PhD student	9. University of Mostar (SVEMO)

SUBGROUP 3. Plant feeders (7 teachers + 4 students)

No	Name family name	Institution
1.	Ivana Pajač Živković, Assistant professor	1. University of Zagreb, Faculty of Agriculture (FAZ)
2.	Ivana Majić, Associate professor	2. University J. J. Strossmayer of Osijek, Faculty of Agriculture (PFOS)
3.	Melika Mohamedova, Assistant Professor	4. Agricultural University Plovdiv (AU)
4.	Natasha Duraj, Professor	6. Agricultural University Tirana (AUT)
5.	Biljana Vidović, Assistant professor	10. University of Belgrade (UB)
6.	Sanja Radonjić, Associate professor	12. University of Montenegro, Biotechnical Faculty (UOM)
7.	Nedžad Karić, Professor	8. University of Sarajevo (UNSA)
8.	Helena Virić Gašparić, PhD Student	1. University of Zagreb Faculty of Agriculture (FAZ)
9.	Josipa Puškarić, PhD Student	2. University of Osijek (PFOS)
10.	Maria Hristozova , PhD Student	4. Agricultural University Plovdiv (AU)
11.	Xhuliana Qirinxhi, PhD student	7. University F.S. Noli Korce (UNKO)



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SUBGROUP 4. Plant Pathology (6 teachers+9 students)

No	Name family name	Institution
1.	Karolina Vrandečić, Professor	2. University J. J. Strossmayer of Osijek, Faculty of Agriculture (PFOS)
2.	Dimitryika Sakalieva, Assoc. Professor	4. Agricultural University Plovdiv (AU)
3.	Sotirios Tjamos, Assistant professor	5. Agricultural University of Athens (AUA)
4.	Nataša Duduk, Associate professor	10. University of Belgrade (UB)
5.	Ferenc Bagi, Professor	11. University of Novi Sad (UNS)
6.	Jelena Latinović, Associate professor	12. University of Montenegro, Biotechnical Faculty (UOM)
7.	Tamara Siber, PhD Student	2. University of Osijek (PFOS)
8.	Claudia Greco, PhD student	3. University Aldo Moro of Bari (UNIBA)
9.	Martin Marinov , PhD student	4. Agricultural University Plovdiv (AU)
10.	Maria Iliadi, PhD student	5. Agricultural University of Athens (AUA)
11.	Mladen Zovko, Senior assist. PhD student	9. University of Mostar (SVEMO)
12.	Nina Vučković, PhD student	10. University of Belgrade (UB)
13.	Marta Loc, PhD student	11. University of Novi Sad (UNS)
14.	Orges Cara, PhD student	7. University F.S. Noli Korce (UNKO)
15.	Arnela Okić, PhD student	8. University of Sarajevo (UNSA)

SUBGROUP 5. Weed science (8 teachers + 4 students)

No	Name family name	Institution
1.	Maja Šćepanović, Associate Prof.	1. University of Zagreb Faculty of Agriculture (FAZ)
2.	Skender Varaku, Professor	6. Agricultural University Tirana (AUT)
3.	Ilir Ničko, Associate Professor	7. University F.S. Noli Korce (UNKO)
4.	Mirha Đikić, Professor	8. University of Sarajevo (UNSA)
5.	Danijela Petrović, Associate Prof.	9. University of Mostar (SVEMO)
6.	Dragana Božić, Ass. Professor	10. University of Belgrade (UB)
7.	Bojan Konstantinović, Assist. Prof.	11. University of Novi Sad (UNS)
8.	Zoran Jovović, Professor	12. Biotechnical Faculty, University of Montenegro
9.	Valentina Šoštarčić, PhD Student	1. University of Zagreb Faculty of Agriculture (FAZ)
10.	Antonela Musa, PhD Student	9. University of Mostar (SVEMO)
11.	Fejzo Bašić, PhD student	8. University of Sarajevo (UNSA)
12.	Ansi Stefa, PhD Student	6. Agricultural University Tirana (AUT)

SUBGROUP 6. Mycotoxins and food safety (6 teachers + 2 students)

No	Name family name	Institution
1.	Franco Nigro, Associate Professor	3. University Aldo Moro of Bari (UNIBA)
2.	Yordanka Kartalska, Associate Professor	4. Agricultural University Plovdiv (AU)
3.	Dimitrios Tsitsigiannis, Assoc. Professor	5. Agricultural University of Athens (AUA)
4.	Fehmi Xhemo, Associate professor	7. University F.S. Noli Korce (UNKO)
5.	Anita Jurić , Assistant professor	9. University of Mostar (SVEMO)
6.	Ferenc Bagi, Professor	11. University of Novi Sad (UNS)
7.	Jelena Ilić, Associate professor	2. University J. J. Strossmayer of Osijek, Faculty of Agriculture (PFOS)
8.	Christina Lagogianni, PhD student	5. Agricultural University of Athens (AUA)
9.	Vincenzo Tragni, PhD student	3. University Aldo Moro of Bari (UNIBA)

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SUBGROUP 7. General contents of transversal interest (13 teachers)

No	Name family name	Institution
1	Claudio De Giovanni, Ass. Professor	3. University Aldo Moro of Bari (UNIBA)
2	Nikollaq Roshanji, Associate Professor	7. University F.S. Noli Korce (UNKO)
3	Sava Vrbničanin, Professor	10. University of Belgrade (UB)
4	Ana Mandić, Assistant Professor	9. University of Mostar (SVEMO)
5	Drena Gadžo, Professor	8. University of Sarajevo (UNSA)
6	Renata Bažok, Professor	1. University of Zagreb Faculty of Agriculture (FAZ)
7	Antonio Ippolito, Professor	3. University Aldo Moro of Bari (UNIBA)
8	Dimitrios Tsitsigiannis, Assoc. Prof.	5. Agricultural University of Athens (AUA)
9	Nedeljko Latinović, Professor	12. University of Montenegro, Biotechnical faculty (UOM)
10	Mirjana Brmež, Professor	2. University J. J. Strossmayer of Osijek, Faculty of Agriculture (PFOS)
11	Dušan Petrić, Professor	11. University of Novi Sad (UNS)
12	Vili Harizanova, Professor	4. Agricultural University Plovdiv (AU)
13	Magdalena Cara, Professor	6. Agricultural University Tirana (AUT)

WP3 Meeting calendar & Working agenda -Activities and Outcomes -



• **Meetings of the members of WP3** and information on who is participating (CP-Contact person; SGM-Subgroups members; S-Students)

DATE	PLACE	PARTICIPANTS	TASK
26th February 2019	Zagreb	CP, S	<ul style="list-style-type: none"> ➤ To discuss the organisational structure of WP3. ➤ To form the working sub-groups, and to agree about working agenda during the project lifetime.
June 2019	Podgorica	CP, SGM (2/partner), S (2 per partner)	<ul style="list-style-type: none"> ➤ To identify similarities and differences among existing courses at PIs; ➤ to propose improvements related to teaching materials, teaching methods and tools and identify courses for which joint learning materials can be developed. ➤ To identify teaching needs based on the achievements of WP2 and propose the new courses creation. The improvements and new courses will be implemented in the existing courses design and approved by the respective PIs bodies.
October 2019	Belgrade	CP, SGM (3/partner), S (2 per partner)	<ul style="list-style-type: none"> ➤ To identify the needs for further research topics and methodologies on plant health for sustainable agriculture in each of the sub-group and to propose possible research topics and joint mentorship. ➤ To propose student and staff mobility to WP5 in order to ensure joint mentorship and intensify scientific cooperation among the partner scientists.
March 2020	Mostar	CP, SGM (2 /partner), S (2 per partner)	<ul style="list-style-type: none"> ➤ To propose the new subjects (courses) and to propose the development of joint teaching material for existing courses in English and in national languages (if needed).
October 2021	Novi Sad	CP, SGM (2 /partner), S (3-5 per partner)	<ul style="list-style-type: none"> ➤ To present the newly developed courses. ➤ To present the joint research results of students and activities during the mobility (the exchange of teachers and students)

Work Package/ Outcome ref.nr.:	Title:	Type of Outcome:	Due date:
3.1.	Workshops organized	event, report	15.04.2020.
3.2.	Scientific needs identified and research topics for PhD thesis and joint mentorship proposed	report	15.10.2019.
3.3.	The improvements of the existing courses	teaching material, learning material, report	15.11.2020.
3.4.	New subjects related to plant health developed;	teaching material, learning material	15.10.2021.
3.5.	Jointly prepared teaching material	teaching material, learning material	15.10.2021.
3.6.	Scientific conference organization	event, report	15.10.2021.

CONCLUSIONS - VOTING

- Do we all accept the WP3 working agenda?
- Do we all agree on the WP3 structure (group and subgroups composition)?