

3rd meeting on 598444-EPP-1-2018-1-HR-EPPKA2-CBHE-JP project " Harmonization and Innovation in PhD Study Programs for Plant Health in Sustainable Agriculture –HarISA" Belgrade, 27th -29th October, 2019

WP 3 - MEETING

WP3 Leaders:

1. Dr Eustachio Tarasco, Associate Professor,

University "Aldo Moro" Bari, Italy eustachio.tarasco@uniba.it

2. Dr Aleksandra Ignjatović- Ćupina, Associate Professor,

University of Novi Sad, Faculty of Agriculture, Serbia, cupinas@polj.uns.ac.rs



WP 3 – MEETING -INTRODUCTION-



WP 3 – MEETING -PARTICIPANTS-



TEACHERS	WP3							WP3 TOTAL	
	SG1	SG2	SG3	SG4	SG5	SG6	SG7		
FAZ	Čačija		Pajač Živković		Šćepanović		Bažok	4	
FAZOS			Majić	Vrandečić, Ilić		Ilić	Brmež	4	Ilić
UNIBA	De Lillo	Spagnuolo	Tarasco				De Giovanni	4	
AU		Tityanov	Harizanova	Sakalieva		Kartalska		4	
AUA	Paplomas			Tjamos		Tsitsigiannis	Tsitsigiannis	3	Tsitsigiannis
AUT		Cara			Varaku	Cara		2	Cara
UNKO	Mero				Nicko	Xhemo		3	
UNSA	Gavrić		Karić		Đikić		Hamidović	4	
SVEMO						Jurić	Mandić	2	
UB			Vidović	Duduk	Božić, Vrbničanin		Vrbčanin	4	Vrbničanin
UNS			Ignjatović Čupina		Konstantinović			2	
UoM		Leka	Radonjić				N. Latinović	3	
TOTAL	5	3-4	8	4-5.	6-7.	3-6.	6-8	39	

SGs:

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



STUDENTS	WP3							WP3 TOTAL
	SG1	SG2	SG3	SG4	SG5	SG6	SG7	
FAZ			Mrganić, Skendžić		Šoštarčić			3
FAZOS			Puškarčić	Siber				2
UNIBA				Greco		Tragni		2
AU			Hristozova	Marinov				2
AUA				Iliadi		Lagogianni		2
AUT								-
UNKO								
UNSA				Okić	Bašić			2
SVEMO		Jurković			Musa			2
UB		Vojinović		Vučković				2
UNS		Dudić		Loc				2
UoM	Velimirović	Bajagić						2
TOTAL	1	4	4	7	3	2		21

SGs:

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



TEACHERS & STUDENTS	WP3							WP3	
	SG1	SG2	SG3	SG4	SG5	SG6	SG7	TOTAL	
FAZ	Čačija		Pajač Živković, Mrganić, Skendžić		Šćepanović, Šoštarčić		Bažok	7	
FAZOS			Majić, Puškarić	Vrandečić, Ilić, Siber		Ilić	Brmež	5	Ilić
UNIBA	De Lillo	Spagnuolo	Tarasco	Greco		Tragni	De Giovanni	6	
AU		Tityanov	Harizanova, Hristozova	Sakalievaa, Marinov		Kartalska		6	
AUA	Paplomatas			Tjamos, Iliadi		Tsitsigiannis, Lagogianni	Tsitsigiannis	5	Tsitsigiannis
AUT		Cara			Varaku	Cara		3	Cara
UNKO	Mero				Nicko	Xhemo		3	
UNSA	Gavrić		Karić	Okić	Đikić, Bašić		Hamidović	6	
SVEMO		Jurković			Musa	Jurić	Mandić	4	
UB		Vojinović	Vidović	Duduk, Vučković	Božić, Vrbničanin		Vrbničanin	6	Vrbničanin
UNS		Dudić	Ignjatović Čupina	Loc	Konstantinović			4	
UoM	Velimirović	Leka, Bajagić	Radonjić				N. Latinović	5	
TOTAL	6	8	12	11-12.	9-10.	5-8.	6-8.	60	
	5+1	3-4+4	8+4	4-5.+7	6-7.+3	3-6.+2	6-8.+0		

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

Monday, October 28th 2019

Opening Session

9:00-9:30	Dragana Božić: Welcome speech Representatives from University, NCO Welcome speech		
9:30-10:00	Renata Bažok: State of the art: where we are and what we would like to achieve		
10:00 - 10:30	WP3: Introduction	WP4: Introduction	WP6: Introduction Discussion on Quality assurance plan
10:30-11:00 Coffee break			
11:00 - 11:30	WP3: Resume of gained results - 2nd meeting Podgorica and further tasks to accomplish	WP4: Discussion on the applications for equipment purchase	WP6: Developing questionnaire for teachers and students
11:30-13:30	WP3: Parallel and joint workshops – <u>Meeting Task 1</u> ➤ Joint research topics – joint mentorship and scientific cooperation- mobilities of students and teachers among Pis (analysis of questionnaires) ➤ Proposals	WP4: Selection of the best candidates to purchase equipment for each specific area	

Monday, October 28th 2019

13:30-14:30	Lunch		
14:30 - 15:30	<p>WP 3 and WP 5 Joint meeting:</p> <p>WP3: Introduction- proposal made based on the previous discussion on <u>Meeting Task 1</u></p> <p>WP5: Introduction- available sources for mobility. Discussion about proposals for PhD student and staff exchange, research topics and potential mentorship.</p>	<p>WP4: Defining action plan for equipment purchase</p>	<p>WP6: Quality assessment of the deliverables produced in first year of the project</p>
15:30 - 16:00	Coffee break		
16:00-17:00	<p>WP3: Parallel workshops in subgroups – <u>Meeting Task 2</u></p> <p>Instructions and identification of learning outcomes</p>	<p>WP5: Preparation of the mobility plan for students and staff</p>	
17:00-17:30	<p>WP3: Joint meeting - <u>Meeting Task 2</u></p> <p>➤ Report on proposed learning outcomes and discussion</p>		

Tuesday, October 29th 2019

8:00-10:00	WP8: PMB meeting	9:00-10:00	Student meeting
10:00-11:30	WP3: Parallel workshops in subgroups – <u>Meeting Task 3</u> ➤ Identification of similar and new courses ➤ Proposals regarding joint learning materials	WP5: Preparation of the mobility plan for students and staff	WP 6: Quality assessment of the deliverables produced in first year of the project
11:30-12:00	Coffee break		
12:00-12:30	WP 3: Joint meeting- <u>Meeting Task 3</u> ➤ Report of SGs on proposed courses and action plan for developing joint learning material	WP5: Preparation of the report on the WP 5 workshop results	WP 6: Preparation of the report on the WP 6 workshop results
12:30-13:30	Joint meeting (all participants): Reporting the workshops results for WP3 , WP4, WP 5 and WP6 and plans for future activities in WPs		
13:30-13:45	Closure: Renata Bažok, project leader - future activities		
13:45-15:00	Lunch		

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.



Festina lente!

24684127
Viktor88 | Dreamstime.com



Coffee Break

WP 3 – MEETING

Belgrade, 28/10/2019



Please, sign the **List of attendance**
for each meeting day !



1. APPOINTMENT OF THE MINUTE-TAKER SECRETARY OF THE WP3 MEETING



AGENDA 28/10/2019

11:00 - 11:30

- **Resume of gained results - 2nd meeting Podgorica and further tasks to accomplish**

12:30-13:30

Parallel and joint workshops – Meeting Task 1

- Joint research topics – joint mentorship and scientific cooperation- mobilities of students and teachers among Pis (analysis of questionnaires)
- Proposals



14:30 - 15:30

AGENDA 28/10/2019

WP 3 and WP 5 Joint meeting:

- **WP3:** Introduction- proposal made based on the previous discussion on Meeting Task 1
- **WP5:** Introduction- available sources for mobility.
- Discussion about proposals for PhD student and staff exchange, research topics and potential mentorship.

16:00-17:00

AGENDA 28/10/2019

WP3: Parallel workshops in subgroups – Meeting Task 2

- **Instructions to all SGs**
- **Identification of learning outcomes**

17:00-17:30

WP3: Joint meeting- Meeting Task 2

- **Report on proposed learning outcomes and discussion**

WP 3 – MEETING

- **Resume of gained results - 2nd meeting
Podgorica and further tasks to
accomplish**

WP 3

-TASKS OVERVIEW-



Started activities - Ongoing activities - Future activities

Belgrade meeting!

Based on the achievements of **WP2**, and respecting the opinions and suggestions of **SB**, **WP3** will:

 **analyze the existing** subjects taught at PIs, by comparison of:

- methods,
- tools,
- human capacities,
- and learning outcomes;

 **identify the teaching needs,**

 **propose the new research topics** for PhD students.

 **propose student and staff mobility** to WP5.

- 👉 develop the common **teaching material** for the courses that are similar and taught at different Pis;
- 👉 develop **new courses**;
- 👉 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** (It is proposed to establish 7 scientific subgroups: 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).
Depending on the interest of teachers, scientific groups will count **3- 5** members. PhD students who are in the final phase of their PhD study will be invited to participate as well.
- ✓ All formed groups will discuss and agree about the working agenda during the project lifetime.

TASKS and ACTIVITIES

Agenda Belgrade (MT-meeting task)

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

Scientists' and students' members of the sub-groups will meet (3-4 participants/subgroup) and discuss:

- the existing subjects taught at different universities, compare the **available methods, tools, human capacities and learning outcomes**; } MT2
- 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. } MT3
- The stakeholder board (SB) will participate and provide its opinion and suggestions.

TASKS and ACTIVITIES

Agenda Belgrade (MT-meeting task)

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.

MT1

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: **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.

Podgorica MEETING- June, 9-11th 2019 -TASKS

- To prepare the **joint list** of the courses available at all PI by specific field (i.e. SGs, as defined by HarISA)
- To identify the **courses** that offer **similar learning outcomes** **MT2, MT3 !!!**
- To identify the eventual courses that don't fit exactly in your specific subgroup and discuss in which group they fit
- To review and suggest if some important area (topic) is not covered by the proposed list
- To discuss in each SG if there is something that can be improved in specific courses (including new content or designing the new course)

WP 3 – MEETING

- MEETING TASK 1-



WP 3 – MEETING

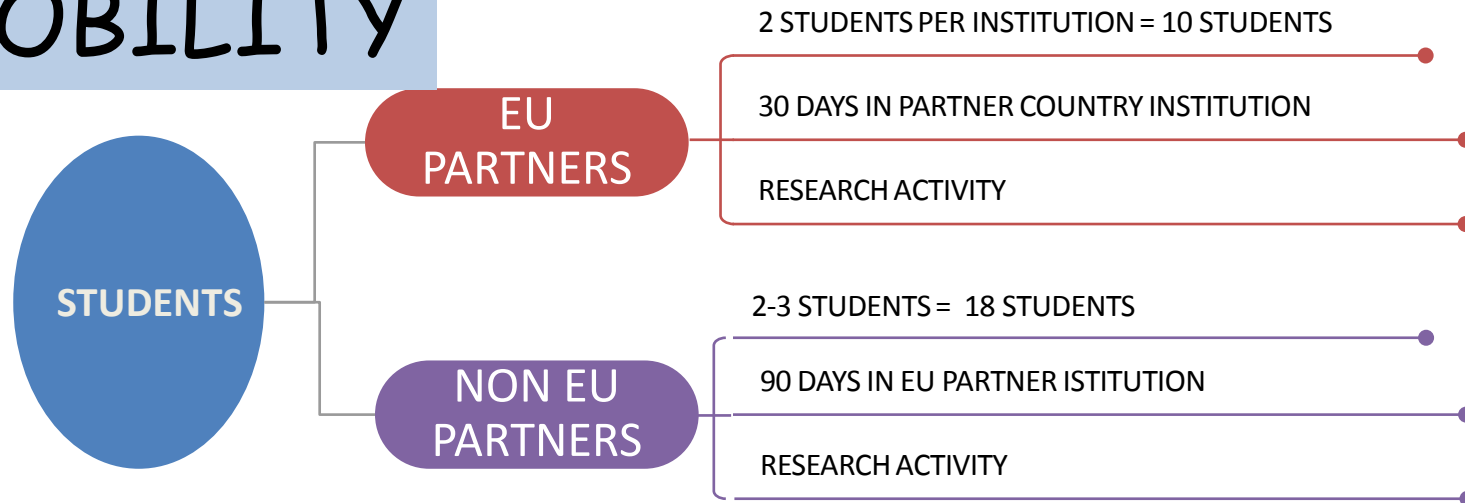
-TASK 1-

11:30-13:30

Parallel and joint workshops – **Meeting Task 1**

- Joint research topics – joint mentorship and scientific cooperation- mobilities of students and teachers among Pis (analysis of questionnaires)
- Proposals (→WP5)

MOBILITY



MOBILITY



QUESTIONNAIRE FOR CANDIDATES

TEACHERS: A) MENTORSHIP B) MEMBERSHIP IN COMMISSIONS FOR THESIS DEFENSE

2. List of Teachers involved in PhD studies at the home HEI, who are candidates for the mobility aimed for research and teaching activities at other HEI (within HarISA)
Please, provide the list of teachers candidates for the mobility. Suggested data should be used as criteria for selection of teachers for the mobility, and if needed as criteria for joint Mentorship, or joint Membership in Commission of PhD thesis defence.

Name and family name of the teacher: _____
High Education Institution where the teacher is affiliated: _____

Country: _____, EU partner country / Non EU partner country
Title (assistant professor, associate professor, full professor): _____
Title achieved (year): _____
Scientific field (at home HEI): _____
Subgroup – scientific field according HarISA (SG1-SG7): _____
Experience in Scientific Research topics (with emphasis of topics of particular interests for HarISA): _____

Language skills:

Mother tongue: _____

English and other languages:

Language :	Speak	Read	Write

Fluent (F): Speak, read and write nearly as well as mother tongue;
Working knowledge (W): Engage freely in discussions, read and write more complex material
Limited (L): Limited conversation, reading of newspapers, routine correspondence

Current involvement in teaching courses at PhD study at home HEI: Y / N
Experience in teaching at PhD studies (years): _____
List of PhD study courses given at own HEI: _____

Experiences in teaching at HEI abroad (courses/ HEIs/year): _____

Number of realized Mentorship of PhD thesis (at HEI in home country and abroad): _____

Titles of defended thesis, where the teacher (candidate for mobility) had the role as Mentor: _____

Number of realized Membership in Commissions for PhD thesis defence(at HEI in home country and abroad): _____
No of SCI papers in peer reviewed journals: _____
Citation index total (Scopus) _____
H index (Scopus) _____
List of relevant publications: _____

List of relevant projects: _____

Other relevant information: _____

Depending on the belonging country of the HEI where the teacher is affiliated, the duration of teacher's mobility will last (14 days for EU partners; 21 days for non EU partners): _____ days and the mobility will be aimed for the following research and/or teaching activities: _____

QUESTIONNAIRES-main data

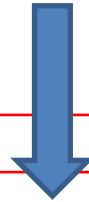
- **STUDENT**- name, status
- **THESIS TITLE/RESEARCH TOPIC**- to sort in **SG**
- **MENTORSHIP** (Mentor at home institution +Mentor at PI)
- **MOBILITY** (to PI)

*** JOINT MEMBERSHIP IN COMMISSIONS for PhD defense**

TEACHER - name, title, scientific field, experience and skills

PARALLEL WORK - SORTING LISTS/QUESTIONNAIRES BY PIs and SGs

- STUDENTS
- TEACHERS



JOINT WORK: ANALYSIS-DISCUSSION-PROPOSALS

- Joint research topics –joint Mentorship and scientific cooperation- mobility of students and teachers among PIs
- Joint Membership in Commissions for thesis defense questionnaires)



TEMPLATE: by PI-Students and Joint Mentorship/Membership

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)

- Mobility applicable for students who are/will be in phases of research
- Applicable also for students who already accomplished the research phases –no mobility

- | | | | |
|--------------------------------------|--------------------|-------------------------------|---|
| 1. Diagnosis in plant health and IPM | 3. Plant feeders | 5. Weed science | 7. General contents of transversal interest |
| 2. Sustainable use of pesticides | 4. Plant Pathology | 6. Mycotoxins and food safety | |





TEMPLATE by PI-Teachers

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership in Commissions to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)

1. Joint Mentorship-mobility applicable for teachers which will conduct research and /or teaching activities
2. ?? Mobility related to Thesis defense ??? To check eligibility according project rules...

- | | | | |
|--------------------------------------|--------------------|-------------------------------|---|
| 1. Diagnosis in plant health and IPM | 3. Plant feeders | 5. Weed science | 7. General contents of transversal interest |
| 2. Sustainable use of pesticides | 4. Plant Pathology | 6. Mycotoxins and food safety | |





14:30 - 15:30

AGENDA 28/10/2019

WP 3 and WP 5 Joint meeting:

- **WP3:** Introduction- proposal made based on the previous discussion on Meeting Task 1
- **WP5:** Introduction- available sources for mobility.
- Discussion about proposals for PhD student and staff exchange, research topics and potential mentorship.

- WP3-PRESENTATION OF PROPOSALS
- DISCUSSION

... see the following slides regarding the Achieved Results-Task 1 (55-90)





Coffee Break



WP 3 – MEETING -MEETING TASK 2-



16:00-17:00

AGENDA 28/10/2019

WP3: Parallel workshops in subgroups – Meeting Task 2

- Instructions to all SGs
- Identification of learning outcomes

17:00-17:30

WP3: Joint meeting- Meeting Task 2

- Report on proposed learning outcomes and discussion

Bloom's Verbs And Matching Assessment Types

Pg.1-2

Bloom's Taxonomy Action Verbs



Definitions	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
Bloom's Definition	Remember previously learned information.	Demonstrate an understanding of the facts.	Apply knowledge to actual situations.	Break down objects or ideas into simpler parts and find evidence to support generalizations.	Compile component ideas into a new whole or propose alternative solutions.	Make and defend judgments based on internal evidence or external criteria.
Verbs	<ul style="list-style-type: none"> • Arrange • Define • Describe • Duplicate • Identify • Label • List • Match • Memorize • Name • Order • Outline • Recognize • Relate • Recall • Repeat • Reproduce • Select • State 	<ul style="list-style-type: none"> • Classify • Convert • Defend • Describe • Discuss • Distinguish • Estimate • Explain • Express • Extend • Generalized • Give example(s) • Identify • Indicate • Infer • Locate • Paraphrase • Predict • Recognize • Rewrite • Review • Select • Summarize • Translate 	<ul style="list-style-type: none"> • Apply • Change • Choose • Compute • Demonstrate • Discover • Dramatize • Employ • Illustrate • Interpret • Manipulate • Modify • Operate • Practice • Predict • Prepare • Produce • Relate • Schedule • Show • Sketch • Solve • Use • Write 	<ul style="list-style-type: none"> • Analyze • Appraise • Breakdown • Calculate • Categorize • Compare • Contrast • Criticize • Diagram • Differentiate • Discriminate • Distinguish • Examine • Experiment • Identify • Illustrate • Infer • Model • Outline • Point out • Question • Relate • Select • Separate • Subdivide • Test 	<ul style="list-style-type: none"> • Arrange • Assemble • Categorize • Collect • Combine • Comply • Compose • Construct • Create • Design • Develop • Devise • Explain • Formulate • Generate • Plan • Prepare • Rearrange • Reconstruct • Relate • Reorganize • Revise • Rewrite • Set up • Summarize • Synthesize • Tell • Write 	<ul style="list-style-type: none"> • Appraise • Argue • Assess • Attach • Choose • Compare • Conclude • Contrast • Defend • Describe • Discriminate • Estimate • Evaluate • Explain • Judge • Justify • Interpret • Relate • Predict • Rate • Select • Summarize • Support • Value

Source: The Tenth Annual Curriculum Mapping Institute: Snowbird Utah, July 15-18, 2004
Adapted from Benjamin Bloom



FOCUS: ANALYSIS-SYNTHESIS-EVALUATION !!!!

Verbs that demonstrate *Critical Thinking*

					EVALUATION
					Appraise
					SYNTHESIS
					Argue
					Assess
					ANALYSIS
					Assemble
					Choose
					Compare
		APPLICATION	Appraise	Combine	Conclude
		Apply	Categorize	Comply	Estimate
		Complete	Compare	Compose	Evaluate
		Construct	Contrast	Construct	Interpret
KNOWLEDGE	COMPREHENSION	Demonstrate	Debate	Create	Judge
List	Describe	Dramatize	Diagram	Design	Justify
Name	Discuss	Employ	Differentiate	Devise	Measure
Recall	Explain	Illustrate	Distinguish	Formulate	Rate
Record	Express	Interpret	Examine	Manage	Revise
Relate	Identify	Operate	Experiment	Organize	Score
Repeat	Recognize	Practice	Inspect	Plan	Select
State	Restate	Schedule	Inventory	Prepare	Support
Tell	Tell	Sketch	Question	Propose	Value
Underline	Translate	Use	Test	Setup	

Pg.6

Definitions	I. Remembering	II. Understanding	III. Applying	IV. Analyzing	V. Evaluating	VI. Creating
Bloom's Definition	Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.	Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.	Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.
Verbs	<ul style="list-style-type: none"> Choose Define Find How Label List Match Name Omit Recall Relate Select Show Spell Tell What When Where Which Who Why 	<ul style="list-style-type: none"> Classify Compare Contrast Demonstrate Explain Extend Illustrate Infer Interpret Outline Relate Rephrase Show Summarize Translate 	<ul style="list-style-type: none"> Apply Build Choose Construct Develop Experiment with Identify Interview Make use of Model Organize Plan Select Solve Utilize 	<ul style="list-style-type: none"> Analyze Assume Categorize Classify Compare Conclusion Contrast Discover Dissect Distinguish Divide Examine Function Inference Inspect List Motive Relationships Simplify Survey Take part in Test for Theme 	<ul style="list-style-type: none"> Agree Appraise Assess Award Choose Compare Conclude Criteria Criticize Decide Deduct Defend Determine Disprove Estimate Evaluate Explain Importance Influence Interpret Judge Justify Mark Measure Opinion Perceive Prioritize Prove Rate Recommend Rule on Select Support Value 	<ul style="list-style-type: none"> Adapt Build Change Choose Combine Compile Compose Construct Create Delete Design Develop Discuss Elaborate Estimate Formulate Happen Imagine Improve Invent Make up Maximize Minimize Modify Original Originate Plan Predict Propose Solution Solve Suppose Test Theory

TASK-EACH SG:
Choose appropriate words and create sentences properly describing the main learning outcomes (wider outcomes)

TEMPLATE

OUTCOMES	SG1	SG2	SG3	SG4	SG5	SG6	SG7
1							
2							
3							
4							

1. Diagnosis in plant health and IPM 3. Plant feeders 5. Weed science 7. General contents of transversal interest
2. Sustainable use of pesticides 4. Plant Pathology 6. Mycotoxins and food safety



... see the following slides regarding the Achieved Results-Task 2 (91-99)



WP 3 – MEETING

Belgrade, 29/10/2019

WP 3 – MEETING

-MEETING TASK 3-



10:00-11:30

AGENDA 29/10/2019

WP3: Parallel workshops in subgroups – Meeting Task 3

- Identification of similar courses
- Proposals regarding joint learning materials

12:00-12:30

WP 3: Joint meeting- Meeting Task 3

- Report of SGs on proposed courses and action plan for developing joint learning material (SB)

12:30-13:30 **Joint meeting** (all participants): Reporting the workshops results for **WP3**, WP4, WP 5 and WP6 and plans for future activities in WPs

TEMPLATE

Joint learning material production (similar courses ... and/or new contents)

	SG1	SG2	SG3	SG4	SG5	SG6	SG7
Similar Courses title							
New courses title							
Teachers involved /PI	..members of each SG						
Incharged leader							
Action plan	<p>Deadline for production of joint teaching material 15/10/2021</p> <p>Deadline for improvement of the existing courses contents 15/11/2020</p>						



DISCUSSION

- List of similar courses and proposals of new courses/new contents- for each SG
... see the following slides regarding the Achieved Results TASK 3 (100-110)
- Type of teaching materials (Guidelines, ppt presentations, Protocols, Databases etc)



Coffee Break

Joint meeting (all participants):

Reporting the workshops results for **WP3**, WP4, WP 5
and WP6 and plans for future activities in WPs

WP 3 – ACHIEVED RESULTS -

Belgrade, 29/10/2019



WP 3 – MEETING -MEETING TASK 1-



Joint Mentorship /Membership in Comissions for thesis defense

-SORTED BY STUDENTS PER EACH PARTNER INSTITUTION-



AU

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Martin Marinov, AU	„Epidemiology and Control of Cherry leaf spot (<i>Blumeriella jaapii</i> (Rehm) Arx.) on Sweet and Sour Cherry“	SG-4 , SG-2	Zvezdomir Jelev		
Mariya Hristozova, AU	Biology and possibilities to control of the Green stink bug <i>Nezara viridula</i> (Linnaeus)	SG-3 SG-2	Vili Harizanova	Aleksandra Konjević (UNS)	UNS
Adriana Izevkova, AU	Powdery mildew of Goji berry	SG-4	Dimitriyka Sakalieva		
Svetoslava Kochovska, AU	Evaluation of soil microflora in conventional and no- till technology	SG-7	Yordanka Kartalska		

1. Diagnosis in plant health and IPM 3. Plant feeders 5. Weed science 7. General contents of transversal interest
 2. Sustainable use of pesticides 4. Plant Pathology 6. Mycotoxins and food safety

AUA

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- HarIsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Maria Iliadi – AUA - At the concluding stage of her PhD	Integrative management of ochratoxicogenic fungi in vineyards	4	Dr. D. Tsitsigiannis	Nedeljko Latinović (UoM)	UoM
Christina Lagogianni - AUA- At the concluding stage of her PhD	Mycotoxigenic fungi and methods of integrative managment of mycotoxins in barley	6	Dr. D. Tsitsigiannis	Magdalena Cara (AUT)	AUT

1. Diagnosis in plant health and IPM 3. Plant feeders 5. Weed science 7. General contents of transversal interest
 2. Sustainable use of pesticides 4. Plant Pathology 6. Mycotoxins and food safety


FAZ

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Helena Virić Gašparić , FAZ	Neonicotinoid degradation dynamic in sugar beet grown from treated seed and their influence on pest and beneficial fauna	SG2	Renata Bažok, Full professor	2. Sanja Lazić/ Dragana Šunjka (UNS)	- advanced (research done)
Valentina Šoštarčić, FAZ	Estimation of biological paramters for weed germination and development of predictive weed emergence model	SG5	Maja Šćepanović, Associate Professor (Zagreb) Roberta Masin, Associate Profesor (Padova)	2. Comission Dragana Božić (UB)	Mid – research still outgoing

FAZOS

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Ivan Paponja, FAZOS	Ecologically acceptable methods in protection of different species and varieties of cereals against stored product pests.	SG3	Anita Liška, associate professor	2 Aleksandra Ignjatović Ćupina (UNS)	
Josipa Puškarić, FAZOS	Nematodes as an ecosystem bioindicators in intercropping system of wood species and agricultural crops.	SG7	Mirjana Brmež, full professor	Already has 2 mentors 2 Milan Radivojević (UB)	Belgrade
Toni Kujundžić, FAZOS	The Effectiveness of Various Protection Means in Suppression of <i>Botrytis cinerea</i> Pers. and Their Influence on Grape Yield and Must Quality cv. <i>Cabernet sauvignon</i> (<i>Vitis vinifera</i> L.).	SG4	Karolina Vrandečić, full professor	Already has 2 mentors 2 Nedeljko Latinović (UoM)	

 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

FAZOS

Name , Family name,
Home Institution
acronym

TITLE OF THESIS

Sci. field/
SG-
Harlsa

MENTOR at
Home
Institution
(teacher name)

1.Joint Mentor/
2.Member in
Commission for
thesis defense
(teacher name)

Destination
of Student
Mobility
to PI
(acronym)

Jelena Jelinić,
FAZOS

Influence of endophytic
fungi of genus *Fusarium*,
some essential oils and
mineral compounds on
supression of grey mould

SG4

Jelena Ilić,
associate
professor

Already has 2
mentors

Magdalena Matić,
FAZOS

Influence of nitrogen
fertilization on
antioxidant response of
wheat infected by
Fusarium head blight

SG4

Karolina
Vrandečić, full
professor

Already has 2
mentors

2 Aleksandra
Bulajić UB /
Adriana Filipović
(UoM)

Belgrade

Tamara Siber,
FAZOS

Antifugal activities of
pyridinium derivatives

SG4

Karolina
Vrandečić, full
professor

Already has 2
mentors

2 Aleksandra
Bulaiić

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



SVEMO

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Dragan Jurkovic, SVEMO	Important factors of spray dispersion in coverage of leaf area in protection of wine grape	SG 2	Vjekoslav Tadić	Already has 2 mentors <i>Add joint mentor name if from FAZOS</i>	FAZOS
Ana Sesar, SVEMO	Micotoxines in wine varieties from Herezegovina	SG6	Anita Jurić	Stefania Pollastro (UNIBA)	UNIBA
Antonela Musa, SVEMO	Vegetation and ecology of weeds in vineyards of Bosnia and Herzegovina	SG 5	Danijela Petrović	Already has two mentors	


UB

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Uroš Vojinović, UB	Sensitivity of <i>Erysiphe necator</i> populations to fungicides of different modes of actions in Serbia	Pesticides / SG2	Milan Stević associate professor	Francesco Faretra (UNIBA)	UNIBA
Mira Vojvodić, UB	Diversity of <i>Rhizoctonia</i> spp. in Serbia	Phytopathology/S G4	Aleksandra Bulajić, full professor	Tiziana Mascia/ Francesco Nigro (UNIBA)	UNIBA
Marija Simonović, UB	Phenology and importance of scales of family Coccidae (Hemiptera: Coccoidea) and their natural enemies on grapevine	Entomology/SG3	Draga Graora, associate professor	Francesco Porceli (UNIBA)	-

1. Diagnosis in plant health and IPM 3. Plant feeders 5. Weed science 7. General contents of transversal interest
 2. Sustainable use of pesticides 4. Plant Pathology 6. Mycotoxins and food safety



UNIBA

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Vincenzo Tragni	Inhibition of patulin production using computational approach	SG6- SG7 3/3	Antonio Ippolito	Magdalena Cara (AUT)	
Claudia Greco	Trascriptomic analysis of Xylella fastidiosa	SG4 3/3	Vito Nicola Savino	Jelena Latinović (UoM)	
Celeste Raguseo	Trascriptomic analysis of fungi	SG4 2/3	Francesco Faretra		



UNIBA

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Hysen Kokici	<i>Capnodis</i> sustainable control	SG1 3/3	Enrico de Lillo	Ivan Ostojić (SVEMO)	
Ilaria Laterza	<i>Halyomorpha halys</i> IPM	SG1/3 1/3	Enrico de Lillo	Aleksandra Konjević (UNS)	
Antony Surano	<i>Xylella</i>	SG4 1/3	Savino		
Vincenzo Roseti	<i>Xylella</i>	SG4 2/3	Savino		



UNIBA

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Yara El Kahoury	Forest IPM	SG1/3 3/3	Eustachio Tarasco	Igor Pajović (UoM)	
Valentina Sion	<i>Colletotrichum</i> in olive	SG4 3/3	Francesco Nigro		
Vito Montilon	<i>Xylella</i>	SG4 3/3	Vito Savino		



UNSA

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Berina Imamović, UNSA	/	6	Saud Hamidović, UNSA		
Fejzo Bašić, UNSA	The spreading factors of the invasive weed species common ragweed in function of its control	5	Mirha Đikić, UNSA	Maja Šćepanović (FAZ)	
Arnela Okić, UNSA		4	Darko Vončina, FAZ		


UNS

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Marta Loc, UNS	Causal agents of bacterial soft rot on potato - identification, characterization and alternative control measures	SG4	Mila Grahovac, Assistant professor	2.. Edita Đermić (FAZ) / 1.Epameinondas Paplomatas (AUA)	
Antonije Žunić, UNS	Supression of <i>Cydia molesta</i> in peach orchards using insecticides, its fate in the environment and residues in peach fruit	SG2	Slavica Vuković, Associate Profesor	Ivana Pajač Živković, FAZ	Zagreb
Milica Panić, UNS	Working title: Rocket downy mildew - control measures	SG4	Mila Grahovac, Assistant professor		
Dragana Bošković, UNS	...not yet deffined: phytopharmacy, environmental protection	SG2, SG1	Dragana Šunjka, Assistant Prof.		

1. Diagnosis in plant health and IPM 3. Plant feeders 5. Weed science 7. General contents of transversal interest
 2. Sustainable use of pesticides 4. Plant Pathology 6. Mycotoxins and food safety


UNS

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Aleksandra Alavanja, UNS	...not yet deffined: phytopharmacy	SG2	Dragana Šunjka, Assistant Prof.		
Slobodan Krsmanović, UNS	Topic – Morphological, molecular and pathogenic characterization of species Diaporthe on sunflower in Serbia.	S4	Vera Stojšin, Full Prof.		
Boško Jezerkić	<i>Drosophilla suzukii</i> - not yet deffined	S1; S3	Aleksandra Ignjatović Ćupina	Lemić or Pajač Živković FAZ-	Zagreb
Milica Dudić, UNS	Herbicides application in poplar plantation	SG2	Maja Meseldžija, Associate prof.	allready has two mentors	-


UNS

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Mladen Petreš, UNS	<i>Fusarium</i> species on stored apple fruits–identification, characterization, mycotoxigenic potential and alternative control measures	SG4	Mila Grahovac, Assistant prof.	-already has 2two mentors	-
Aleksandar Ivezić, UNS	Identification of <i>Trichogramma</i> egg parasitoids of the European corn borer <i>Ostrinia nubilalis</i> (Hübner, 1796) in Vojvodina (Serbia)	SG1; SG3	Aleksandra Ignjatović Čupina, Associate Professor	2 Ivana Majić, FAZOS	- Research done
Mirjana Kojić, UNS	Allelopathic effect of <i>Cannabis sativa</i> L. on selected cultivated and weed plant species	SG5	Bojan Konstantinović , Associate Prof.	-already has two menthors	



UoM

STUDENT Name , Family name, Home Institution acronym	TITLE OF THESIS	Sci. field/ SG- Harlsa	MENTOR at Home Institution (teacher name)	1.Joint Mentor/ 2.Member in Commission for thesis defense (teacher name)	Destination of Student Mobility to PI (acronym)
Balša Bajagić, UoM	Impact testing of the effect of fungicide application on the control of grapevine pathogens	SG 2	Nedeljko Latinović	1 Aleksandar Sedlar (UNS) 2 Dimitris Tsitsigiannis (AUA)	Novi SAD (SRB) + Athens (GR)
Ana Velimirović, UoM	Molecular and Morphological characterisation of Durum Wheat Accessions from Montenegro	SG 7	Zoran Jovović	UNIBA?? Add the name of Joint Mentor!	Bari (IT)

Joint Mentorship /Membership in Comissions for thesis defense

-SORTED BY TEACHERS PER EACH PARTNER INSTITUTION-



AU

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Vili Harizanova- AU	Full Professor	SG-3			
Dimitriyka Sakalieva-AU	Associate Professor	SG-4			
Yordanka Kartalska-AU	Associate Professor	SG-5 SG-1			
Miroslav Tityanov-AU	Associate Professor	SG-2 SG-5			
Donyo Ganchev-AU	Associate Professor	SG-2			
Mariana Nakova-AU	Full Professor	SG-4			
Radoslav Andreev-AU	Full Professor	SG-3 SG-1			

AUA

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Epameinondas Paplomatas - AUA	Full Professor	SG1	Marta Loc, UNS 1 (or 2)	Causal agents of bacterial soft rot on potato - identification, characterization and alternative control measures	UNS
Dimitris Tsitsigiannis	Associate Professor	SG6	2 Balša Bajagić, UoM	Impact testing of the effect of fungicide application on the control of grapevine pathogens	
Sotiris Tjamos	Associate Professor	SG4			
Ioannis Giannakou	Associate Professor	SG3			



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University of Zagreb Faculty of Agriculture
Svetosimunska street 25, 10000 Zagreb,
Croatia

Contact: harissa@agr.hr
www.agr.hr



FAZ

<p>TEACHER Name , Family name, Home Institution Acronym</p>	<p>TITLE (Assistant, Associate or Full Professor)</p>	<p>Sci. field/ SG- Harisa</p>	<p>Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)</p>	<p>TITLE OF THESIS</p>	<p>Destination of Teacher mobility (PI acronym)</p>
Maja Šćepanović	Associate professor	SG5	Fejzo Bašić, UNSA	The spreading factors of the invasive weed species common ragweed in function of its control	UNSA
Ivana Pajač Živković	Assistant professor	SG2, SG3	Antonije Žunić, UNS	Supression of <i>Cydia molesta</i> in peach orchards using insecticides, its fate in the environment and residues in peach fruit	UNS
Darija Lemić (or Pajač Živković)	Assistant professor	SG2, SG3	Boško Jezerkić	<i>Drosophilla suzukii</i> -not yet deffined	UNS

<div style="border: 1px solid red; padding: 2px; display: inline-block;">FAZ</div> <small>TEACHER</small> Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1. Joint Mentorship/ 2. Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinat ion of Teacher mobility (PI acronym)
Renata Bažok	Full Professor	SG2, SG3			
Maja Čačija	Assistant Professor	SG1			
Aleksandar Mešić	Associate Professor	SG2			
Ivan Juran	Assistant Professor	SG2, SG3			
Marko Vinceković	Associate professor	SG2, SG7			
Edita Đermić? To check availability	Full professor	?	2. Marta Loc, UNS (or 1. Mentorship?)	Causal agents of bacterial soft rot on potato - identification, characterization and alternative control measures	

FAZOS

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1.Joint Mentorship/ 2. Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Ivana Majić, Fazos	Associate professor	SG3	2. Aleksandar Ivezić, UNS	Identification of <i>Trichogramma</i> egg parasitoids of the European corn borer <i>Ostrinia nubilalis</i> (Hübner, 1796) in Vojvodina (Serbia)	
Vjekoslav Tadić, Fazos	Assistant Professor	?	Dragan Jurkovic, SVEMO	Important factors of spray dispersion in coverage of leaf area in protection of wine grape	
Mirjana Brmež, Fazos	Full professor	SG7			
Karolina Vrandečić	Full professor	SG4			
Anita Liška	Associate professor	SG3			
Vlatka Rozman, Fazos	Full professor	SG3			



FAZOS

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1. Joint Mentorship/ 2. Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Renata Baličević, Fazos	Full professor	SG5			
Emilija Raspudić, Fazos	Full professor	SG3			
Sanda Rašić, Fazos	Assistan professor	SG5			
Edita Štefanić, Fazos	Full professor	SG5			
Jasenska Ćosić, Fazos	Full professor	SG4			
Dražen Horvat, Fazos	Full professor	SG7			
Suzana Kristek, Fazos	Full professor	SG6			
Ankica Sarajlić, Fazos	Assistant professor	SG3			

SVMO

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Anita Jurić	Assistant professor	SG 6			UNIBA
Ana Mandić	Assistant professor	SG7			
Danijela Petrović	Associate professor	SG 5			
Ivan Ostojić	Associate professor	SG1	Hysen Kokici UNIBA	<i>Capnodis</i> sustainable control	UNIBA, SG1 3/3

UB

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1.Joint Mentorship/ 2.Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinati on of Teacher mobility (PI acronym)
Dragana Božić, UB	Associate professor	SG5	2. Valentina Šoštarčić, FAZ	Estimation of biological paramters for weed germination and development of predictive weed emergence model	
Milan Radivojević	Full professor	SG3, S7	2. Josipa Puškarić, FAZOS	Nematodes as an ecosystem bioindicators in intercropping system of wood species and agricultural crops.	
Aleksandra Bulajić	Full professor	SG4	2. Magdalena Matić, FAZOS	Influence of nitrogen fertilization on antioxidant response of wheat infected by <i>Fusarium</i> head blight	
			2. Tamara Siber, FAZOS	Antifugal activities of pyridinium derivatives	
Milan Ivanović, UB	Associate professor	SG4			
Nikola Grujić, UB	Assistant professor	SG3			



UNIBA

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinatio n of Teacher mobility (PI acronym)
Stefania Pollastro	Assistant Professor	SG4	Ana Sesar, SVEMO	Micotoxines in wine varieties from Herezegovina	
Francesco Faretra	Full Professor	SG4	Uroš Vojinović, UB	Sensitivity of <i>Erysiphe necator</i> populations to fungicides of different modes of actions in Serbia	
Francesco Porcelli	Associate Professor	SG1/3	Marija Simonović, UB	Phenology and importance of scales of family Coccidae (Hemiptera: Coccoidea) and their natural enemies on grapevine	
Add the name of the Joint Mentor			Ana Velimirović, UoM	Molecular and Morphological characterisation of Durum Wheat Accessions from Montenegro	
Tiziana Mascia/Francesco Nigro	Assistant Professor	SG4	Mira Vojvodić, UB	Diversity of <i>Rhizoctonia</i> spp. in Serbia	

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- HarIsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Donato Gallitelli	Full Professor	SG4			
Rita Milvia De Miccolis	Assistant Professor	SG4			
Claudio De Giovanni	Assistant Professor	SG7			
Matteo Spagnuolo	Assistant Professor	SG2			
Enrico de Lillo	Full Professor	SG1/3			
Eustachio Tarasco	Associate Professor	SG1/3			
Francesco Nigro	Associate Professor	SG4			
Antonio Ippolito	Full Professor	SG4/6			
Giovanni Luigi Bruno	Assistant Professor	SG4			
Annalisa Giampetruzzi	Assistant Professor	SG4			
Rocco Addante	Assistant Professor	SG1/3			
Stefano Pavan	Associate Professor	SG7			



UNSA

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Teofil Gavrić, UNSA	Assistant professor	7			
Saud Hamidović, UNSA	Associate professor	6			
Nedžad Karić, UNSA	Full professor	3			
Jasmin Grahić, UNSA	Assistant professor	1			
Mirha Đikić, UNSA	Full professor	5			
Fuad Gaši, UNSA	Full professor	7			



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Svetosimunska street 25, 10000 Zagreb,
Croatia

Contact: harissa@agr.hr



UNS

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1. Joint Mentorship/ 2.Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Sanja Lazić, UNS / or Dragana Šunjka	Full Professor Assistant professor	SG2	2. Helena Gašparović Virić, FAZ	Neonicotinoid degradation dynamic in sugar beet grown from treated seed and their influence on pest and beneficial fauna	-
Aleksandra Ignjatović Ćupina, UNS	Associate prof.	SG1, SG3	2. Ivan Paponja, FAZOS	Ecologically acceptable methods in protection of different species and varieties of cereals against stored product pests.	-
Aleksandra Konjević, UNS	Assistant prof.	SG3	Mariya Hristozova, AU	Biology and possibilities to control of the Green stink bug <i>Nezara viridula</i> (Linnaeus)	AU
			Ilaria Laterza, UNIBA	<i>Halyomorpha halys</i> IPM	UNIBA
Aleksandar Sedlar	Associate prof.	SG2	Balša Bajagić, UoM	Impact testing of the effect of fungicide application on the control of grapevine pathogens	UoM

UNS

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1. Joint Mentorship/ 2.Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinatio n of Teacher mobility (PI acronym)
Maja Meseldžija, UNS	Associate prof.	SG2			
Slavica Vuković, UNS	Associate prof.	SG2			
Bojan Konstantinović; UNS	Associate prof.	SG5			
Aleksandra Popović; UNS	Assistant prof.	SG1, SG3			
Mila Grahovac, UNS	Assistant prof.	SG4			

UoM

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	1. Joint Mentorship/ 2. Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinati on of Teacher mobility (PI acronym)
Nedeljko Latinović	Associate professor	SG 2 SG 4	Maria Iliadi – AUA - At the concluding stage of her PhD	Integrative management of ochratoxigenic fungi in vineyards	
			2. Toni Kujundžić, FAZOS	The Effectiveness of Various Protection Means in Suppression of <i>Botrytis cinerea</i> Pers. and Their Influence on Grape Yield and Must Quality cv. <i>Cabernet sauvignon</i> (<i>Vitis vinifera</i> L.).	
Jelena Latinović	Associate professor	SG 4	Claudia Greco, UNIBA	Trascriptomic analysis of Xylella fastidiosa	
Igor Pajović	Assistant professor	SG 3 SG 7	Yara El Kahoury, UNIBA	Forest IPM	

UoM

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harisa	1. Joint Mentorship/ 2. Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destinati on of Teacher mobility (PI acronym)
Sanja Radonjić	Associate professor	SG 3			
Snježana Hrnčić	Full professor	SG 3			
Zorica Leka	Full professor	SG 2 SG 7			
Željko Jaćimović	Full professor	SG 2 SG 7			
Zoran Jovović	Full professor	SG 5			

AUT

TEACHER Name , Family name, Home Institution Acronym	TITLE (Assistant, Associate or Full Professor)	Sci. field/ SG- Harlsa	Joint Mentorship/ Membership to students at PI (student name, affiliation inst. Acronym)	TITLE OF THESIS	Destination of Teacher mobility (PI acronym)
Magdalena Cara	Full Professor	SG2, SG6	Christina Lagogianni - AUA- At the concluding stage of her PhD	Mycotoxicogenic fungi and methods of integrative managment of mycotoxins in barley	
			Vincenzo Tragni, UNIBA	Inhibition of patulin production using computational approach	

STUDENTS HOME INSTITUTION

	AU	AUA	FAZ	FAZOS	SVEMO	UB	UNIBA	UNSA	UNS	UOM	AUT	UNKO	TOTAL
MENTORSHIP	1	2	-	-	2	3	5	1	3	2	-?	-?	19
MEMBERSHIP	-	-	2	5	-	-	-	-	2	1	-?	-?	10
TOTAL	1	2	2	5	2	3	5	1	5	3	-	-	29

TEACHERS HOME INSTITUTION

	AU	AUA	FAZ	FAZOS	SVEMO	UB	UNIBA	UNSA	UNS	UOM	AUT	UNKO	TOTAL
MENTORSHIP	-	1	3	1	1	-	5	-	3	3	2	-	19
MEMBERSHIP	-	1	1	1	-	4	-	-	2	1	-	-	10
TOTAL	-	2	4	2	1	4	5	-	5	4	2	-	29

WP 3 – MEETING

-MEETING TASK 2-

sorted by scientific subgroup (SG)

Subgroup 1 - Diagnosis in plant health and IPM

Learning outcomes:

- **Apply** various advanced diagnostic methods in plant prejudicial organism **detection** in relation to their reliability, cost and ease use
- **Select, develop, set up and validate** the appropriate methods of **monitoring** of plant materials and soil so as **identification** methods in order to determine the level of plant prejudicial organisms
- **Analyze and identify** the reasons for the appearance of certain pathogens and plant feeders
- **Design and compare** plant protection measures in conventional, integrated and organic agricultural production for **their efficiency** with regard to environmental impact, and operator and consumer safety
- **Explain** the principles and **evaluate** the potentiality of application of precision agriculture in IPM
- **Create/design and conduct** field and laboratory research in the area of IPM

Subgroup 2 -Sustainable use of pesticides

- **Appraise and revise** the most important pesticide properties, efficiency, safety of application, phytotoxicity, resistance, and environmental impact;
- **Develop** innovative methods in accordance with the comprehensive methods in phytopharmacy.
- **Predict** of pests and disease appearance and **assess** of their harmfulness , as well as recommend of IPM strategy
- **Compare** and **rate** potential impacts and consequences of application of different group of PPPs on agro-ecosystem
- **Generate and evaluate** new ideas or tactics in system of sustainable use of pesticides.

Subgroup 3- Plant Feeders- group of learning outcomes :

- **Judge** the importance and analyse morphological and physiological characteristics of plant feeders
- **Compare and assess** the fundamental principles of plant feeders phylogeny and systematics.
- **Discuss and distinguish** biological and ecological characteristics of plant feeders
- **Argue** the molecular mechanisms by which DNA controls development, growth or morphological characteristics of plant feeders, and use of molecular data in pest and resistance management.
- **Employ, test and design** advanced methods of monitoring, collection, identification and damage evaluation of economically important plant feeders
- **Predict** plant feeders population size and dynamics based on phenology models
- **Interpret** the principles of plant feeders specific adaptations and **evaluate** host plant resistance mechanisms.
- **Assess and develop** a pest and resistance management plan based on a modern and sustainable approach which implies a sustainability and preservation of biodiversity
- **Formulate** major pest damage thresholds, **develop** surveillance programs and risk maps for major pests and invasive species

Subgroup 4 - Plant Pathology - Learning Outcomes

Formulate scientific hypothesis on plant pathology

Design Experiments based on correct methodology

Collect Experimental data from in planta experiments

Analyze Experimental data of in planta experiments

Recognize & Differentiate between plant pathogens

Conclude to scientific results

Subgroup 4 – Plant Pathology- Learning Outcomes:

- **Recognize & Differentiate** between plant pathogens
- **Formulate** scientific hypothesis on plant pathology for disease resistance and virulence
- **Design** disease resistance and pathogenicity experiments based on correct methodology
- **Collect** Experimental data from *in planta* experiments
- **Rate & Evaluate** disease resistance
- **Manage and formulate** raw data of pathogenicity experiments
- **Interpret** plant pathology and molecular biology data
- **Conclude** to scientific results

Subgroup 5 Weed Science - Learning outcomes

1. **Attach** weed biology and ecology to sustainable weed management
2. **Explain** weed-crop interaction in agriculture
3. **Predict** weed emergence and **develop** new methods for weed monitoring and mapping
4. **Categorize** advantages and disadvantages of each weed control method

Subgroup 6-Mycotoxins and food safety-Learning outcomes

- **Define** the terms food safety, food poisoning, food hazard and mycotoxins
- **Identify** what might happen if mycotoxin hazards are not controlled
- **Recognise** the importance of reporting food safety hazards regarding mycotoxins and the importance of implementing procedures to control mycotoxins
- **Identify** and describe the present worldwide status on mycotoxin contamination in food and feed
- **Define and describe** the methodology of classical, molecular and chemical identification of mycotoxigenic fungi
- **Define and describe** mycotoxin risk assessment and the epidemiology of mycotoxigenic fungi at pre- and post-harvest level
- **Design** experiments based on the epidemiology of mycotoxigenic fungi
- **Describe** the classical and new methods on the identification of mycotoxins in food and feed
- **Describe and analyze** mycotoxin prediction modeling at pre- and post-harvest level of food production
- **Develop** an integrated pest management approach to prevent mycotoxins
- **Collect and analyze** data from the experimentation on mycotoxins management strategies
- **Identify** the costs of poor food safety practices to a business

Subgroup 7 General contents of transversal interest -Learning outcomes:

- **Categorize** basic concepts of scientific research: set-up explicable hypothesis, determine the measurable research goals and design original research in the field of plant health for sustainable agriculture
- **Critically analyse and evaluate** the results of its own scientific research in sense of scientific writing,
- **Evaluate** bio-indicators of soil health to interpret interaction among soil organisms in order to value biodiversity
- **Access** appropriate ecological indices in sustainable agriculture
- **Interpret** and argue the latest technical, technological and socio-economic knowledge related to plant health in the field of sustainable agriculture.

WP 3 – MEETING

-MEETING TASK 3-

sorted by scientific subgroup (SG)



TEMPLATE

Joint learning material production (similar courses ... and/or new contents)

	SG1	SG2	SG3	SG4	SG5	SG6	SG7
Similar Courses (titles)							
New courses (titles)							
Teachers involved /PI	..members of each SG						
Incharged leader							
Action plan	<p>Deadline for production of joint teaching material 15/10/2021</p> <p>Deadline for improvement of the existing courses contents 15/11/2020</p>						



SG1
Joint learning material production (similar courses ... and/or new contents)
Similar Courses (titles)

- Pests of field crops
- Pest of vegetables
- Pests of fruit trees and grapevines
- Pests in storages
- Plant resistance to pests
- Acarology
- Nematology
- Seed diseases
- Vegetable production
- Diseases of arable crops
- Diseases of fruit trees and grapevine

- Methods to assess plant reactions to diseases
- Laboratory on plant disease symptom studies
- Advanced diagnostic techniques in Plant Pathology
- Molecular plant pathology
- Advanced diagnosis of pathogens and pests
- Pro and parasitic Eucariotes of Agricultural Plants
- Pest Insects of Agricultural Systems
- Plant infectious units of crops

- Non-insect pests in agro-organisms
- Plant pathology
- Entomology
- Herbology
- Detection and identification of phytopathogenic bacteria
- Diagnosis of plant pathogenic fungi and fungi-like organisms/Diagnosis of phytopathogenic pseudofungi and fungi
- Diagnosis of plant pathogenic viruses
- Techniques of insect identification
- Diagnostics of plant pathogens

- Methods for Ecological Quality Evaluation in the Integrated Plant Protection (E)
- Control methods of stored pests
- Interaction herbicide – soil – plant
- Orchard and vineyard protection against weeds
- Weed management in vegetable crops

- Integrated control of plant diseases
- Integrated control of pests
- Plant Protection
- Integrated pest management /Integrated control methods of pest organisms
- Plant protection in organic agriculture
- GMO in plant protection

- Integrated control of disease, sanitation and quarantine of planting material
- Integrated Pest Management and implementation of EU protocols

SG1	Joint learning material production (similar courses ... and/or new contents)		
New courses (titles)	Advanced diagnostic methods and techniques for detection of prejudicial organisms	Integrated approach to surveillance of prejudicial organisms affecting plant health	Control of quarantine prejudicial organisms and evaluation of risk assessment based on EU protocols
Incharged leader	Maja Čačija, FAZ		



SG2 Joint learning material production (similar courses ... and/or new contents)				
Similar Courses (titles)	<ul style="list-style-type: none"> •Phytopharmacy •Mode of Action of pesticides •Advanced phytopharmacy •Target resistance to pesticides 	<ul style="list-style-type: none"> •Pesticide chemistry • Physicochemical properties and fate in the environment • Ecotoxicology 	<ul style="list-style-type: none"> •Toxicology of pesticides Food toxicology •Chemical analysis of residues 	
New courses (titles)	Phytopharmacy (scientific field)	Environmental fate of pesticides (including mitigation and remediation)	Toxicology of pesticides	
Teachers involved /PI	Slavica Vuković Nedeljko Latinović Matteo Spagnuolo Miroslav Tityanov Renata Bažok	Dragica Brkić Matteo Spagnuolo Ivan Ostojić Sanja Lazić	Zorica Leka Dragica Brkić Matteo Spagnuolo Ivan Ostojić Sanja Lazić	
Incharged leader	Slavica Vuković	Matteo Spagnuolo	Dragica Brkić	
Action plan	Guidelines for self-directed learning, Scientific papers, PowerPointPres.	Guidelines for self-directed learning, Scientific papers, PowerPointPres	Guidelines for self-directed learning, Scientific papers, PowerPointPres	



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University of Zagreb Faculty of Agriculture
Svetosimunska street 25, 10000 Zagreb,
Croatia

Contact: harissa@agr.hr
www.agr.hr



SG3 Joint learning material production (similar courses ... and/or new contents)

<p>Similar Courses (titles)</p>	<ul style="list-style-type: none"> •Methods in entomology •Physiology of insects •Morphology and anatomy of insects •Entomology •Research Methods in Agricultural Entomology •Insect Morphology and Physiology •Insect Systematic •Pests of Field Crops •Pests of Vegetables •Pests of Fruit Trees and Grape Vines •Pests in Storages •Control Methods of Stored Pests •Plant Resistance to Pests •Quarantine Pests •Agricultural entomology •Neglected Vector Species and Pathogens •Monitoring of Insects •Parameters of Insect Populations/Insect Populations Parameters •Advanced entomology 1 •Advanced entomology 2 •Techniques of Insect Identification 	<ul style="list-style-type: none"> •Methods in nematology •Nematology (UB) •Nematology (FAZOS) •Nematode Ecology •Nematology (UNSA) 	<ul style="list-style-type: none"> •Methods in acarology •General phytoacarology •Applied phytoacarology •Acarology •Phytoacarology 	<ul style="list-style-type: none"> •Principles of zoosystematics •Methods in malacology •Small rodents •Malacology •Agricultural Zoology •Special zoology/Advanced zoology •Special parasitology
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SG3	Joint learning material production (similar courses ... and/or new contents)		
New courses (titles)	<ul style="list-style-type: none"> •Advanced morphology, physiology and biology of arthropod pest •Advanced morphology and biology of nematodes and other zoological groups •Advanced zoosystematic •Postharvest Integrated Pest and Resistance Management •Insect-nematode-plant interactions •Plant feeders phenology modelling in changing environment •Frontiers in pest and resistance management •Biological Control Agents •Nematology •Acarology •Alien and Quarantine pests •Biosecurity surveillance and arthropod pest risk analysis •Integrated Management of urban pests 		
Teachers involved /PI	Later appointed by PU (SG3 members)		
Incharged leader	Ivana Majic		
Action plan	Deadline for production of joint teaching material 15/10/2021 Deadline for improvement of the existing courses contents 15/11/2020		

SG4	Joint learning material production (similar courses ... and/or new contents)					
Similar Courses title	?	NOTE: The missing data should be provided ASAP				
New courses title	Plant Microbe Interactions					
Teachers involved /PI	..members of SG					
Incharged leader	?					
Action plan	Developing teaching material					

SG5	Joint learning material production (similar courses ... and/or new contents)
Similar Courses title	Advance weed managment (Zagreb, Novi Sad) Weed Science (Novi Sad, Korce, Osijek) Herbology (Sarajevo, Mostar)
New courses title New contents	Precision weed managment Modelling in Weed Science (weed emergence model, seed bank model, invasive weed spreading model, model for weed resistance prediction)
Teachers involved /PI	Maja Šćepanović, Dragana Božić, Mirha Đikić
Incharged leader	
Action plan	Requirment teacher with experience in bio-statistics (for example Jasmin Grahić, Roberta Masin)

SG6		Joint learning material production (similar courses ... and/or new contents)		
Similar Courses (titles)	<ul style="list-style-type: none"> •Mycotoxins •Mycotoxinogenic fungi •Toxicogenic Fungi and Mycotoxins •Mycotoxigenic Fungi 	<ul style="list-style-type: none"> •Analytics of residues and contaminants in food and environment •Food Toxicology •Phytotoxins 		
New courses (titles)	<ul style="list-style-type: none"> •Mycotoxins and food safety 	Courses that offer similar learning outcomes : <ul style="list-style-type: none"> • Mycotoxigenic fungi and their associated mycotoxins •Epidemiology of mycotoxigenic fungi •Risk assessment of mycotoxins in field, storage, human and animal. •Prevention measures and post harvest strategies to manage mycotoxins •Rapid and analytical methods for mycotoxin assessment. •Regulations and legislation about mycotoxins 		
Teachers involved /PI	SG members			
Incharged leader	?	<p>NOTE: The required data was not provided during the meeting in Belgrade!</p> <p>Data in red letters : as stated in the report from Podgorica meeting.</p> <p>To check, and revise if needed</p>		
Action plan	?			

SG7	Joint learning material production (similar courses ... and/or new contents)
<p>Similar Courses title</p>	<p>Statistics Principals of scientific work Ecology</p>
<p>New courses title</p>	<ol style="list-style-type: none"> 1. Principles of Scientific Work in Bioscience (including ethics and laboratory hazards) 2. Biodiversity and bio-indicators in sustainable agriculture 3. Project proposal writing 4. GIS and Spatial Data Analysis
<p>Teachers involved /PI</p>	<ol style="list-style-type: none"> 1. Dusan Petric, Antonio Ippolito 2. Brmez Mirjana, Lemic Darija, Dinka Grubišić 3. Renata Bažok and ??? 4. ????
<p>Incharged leader</p>	<p>Ana Mandić</p>
<p>Action plan</p>	<p>To be discussed</p>

WP 3 – overview of task and deadlines

PAST - **PRESENT** - **FUTURE**

...Where we are?



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.

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.**

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.: **3.3.**

Title: **The improvements of the existing courses**

Type: teaching material, learning material, report

Due date: **15.11.2020.**

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

Target groups: Teaching staff

Description:

- After identification of similarities and differences among existing courses at different PIs, scientific subgroups will propose **improvements related to the contents, teaching materials, teaching methods and tools.**
- The **improvements** will be **implemented** in the existing courses design and **approved** by the respective PIs bodies.
- **Teaching material** for existing courses will be **developed** in English and in national languages (if needed).

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**. The material will be developed in English and in national languages (if needed).
- New courses will be **approved** by the respective authorities at institution level.

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.



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