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*New Professional Diploma in Plant Clinic and
Phytosanitary Technologies (PRO-DPCP)
609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP*



Project title	<i>New Professional Diploma in Plant Clinic and Phytosanitary Technologies (PRO-DPCP)</i>
Project No	<i>609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP</i>
Funding Scheme	<i>Erasmus + KA2 - Capacity Building in the field of Higher Education</i>
Work Package	WP6 – Quality Control
Task 6.4	Internal quality control of teaching resources; trainings and assessment of Plant Clinics
WP Leader	<i>SCU</i>
Status-Version	<i>Final</i>
Date	<i>1/11/2022</i>
Editor	<i>Prof. Waleed Shaban Prof. Manal H. Eid</i>
Dissemination level	<i>Internal</i>





Expected Deliverable/Results/Outcomes	Work Package and Outcome ref.nr	WP6 : Activity 6.4.
	Title	Internal quality control of teaching resources; trainings and assessment of Plant Clinics
	Type	<input checked="" type="checkbox"/> Report
	Description	<p>Project QC panel staff will provide quality reports on</p> <ul style="list-style-type: none"> • teaching resources • training materials • Map and agree over scope and scale of macro issues that affect/will be affected by the project. • Discuss options to mitigate adverse impacts. • Sensitize stakeholders to the need for monitoring and evaluation of the project on an on-going basis. • Identify specific capacity needs for entities within the communities, including households, likely to be recipients of development assistance. • monitor the module format, outline and methodology. • examine trainings with student-trainers on participatory training methods and module development. • Provide support and supervision to the student-trainers as they implement and validate the training methodology and content. • To oversee the publication of the module in the appropriate local language. • relevance and quality of existing teaching resources to the field of sustainability and innovation in teaching resources quality of resource platform <p>To allow plant clinic staff and their supervisors to define the quality criteria and monitoring methods themselves will help raise awareness about clinic performance and improve self-assessment skills. Monitoring visits will be done more consciously and systematically and to monitor indications on register management and decision-making processes to improve clinics as well as staff motivation. Monitoring protocols and quality assessment will be done for plant clinics operation.</p>
	Due date	3 weeks of M5-M6
Languages	En, Ar	
Target groups	<input checked="" type="checkbox"/> Teaching staff <input checked="" type="checkbox"/> Administrative staff <input checked="" type="checkbox"/> Other	
Dissemination level	<input checked="" type="checkbox"/> Institution	



Frist internal quality control monitoring report of PRO-DPCP project

❖ Introduction:

For Project No. **609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP** - New Professional Diploma in Plant Clinic and Phytosanitary Technologies (**PRO-DPCP**), this document presents Internal Quality Control and Monitoring of **PRO-DPCP**. It is created within the parameters of the project's WP6 (Quality Plan) in accordance with the project's description and all relevant laws and regulations.

✚ Work Package -6 "Quality Control and Mentoring":

However, **WP6** ensures the processes used throughout the project lifecycle by outlining every step of the process to guarantee delivery of the expected quality. This work package's purpose is to offer instructions for managing projects on a daily basis and for carrying out actual project development tasks, such as producing reports, carrying out redaction procedures, and establishing performance standards for work outputs. Document management procedures are also offered. This includes guidelines for document classification and identification, typographical standards, and document status.

✚ Suez Canal University (Partner 7) and Quality Control Leader:

Since **Suez Canal University (SCU)** is a partner in WP6, its responsibilities include creating internal and external quality committees, developing a monitoring, evaluation, and quality plan that is applicable to the teaching process, holding regular QC meetings, assessing participant and student satisfaction, and having external evaluators conduct monitoring visits. Also, SCU serves as the lead organization and coordinates and oversees the whole quality control work plan, timeline, activities, and outputs, including the creation of the quality control Plan as well as the Interim and Final Quality Reports. All quality control and evaluation actions planned for **the PRO-DPCP** Project as outlined in WP6 are the responsibility of **SCU** and the Quality control Leader (**Prof. Waleed Shaban**), in collaboration with the Project Coordination and partners

✚ Internal Quality Committee:

The Internal Quality Committee works together with the Project Coordinator and the Quality Control Leader to plan, organize, and carry out the project's quality-related responsibilities. The



Committee includes members from SCU project team and one member from each participating institution with relevant experience in quality control. The Internal Quality Committee directly supports the project coordinator in monitoring and evaluating project quality and results, and in developing monitoring, evaluation and quality plans. It is the supreme decision-making body of the partnership and makes final decisions on the quality of key deliverables and the project itself. The steering board also serves as the internal quality control committee to prevent fragmentation and duplication of structures and functions. As a project description, internal quality committee meetings may be held during management committee meetings or linked to other project events for cost efficiency reasons and held at least twice a year for the life of the project. It was assumed that Coordinated by the quality control leader as agreed by the Steering Committee.

I-Inspection of the internal quality control committee:

In recent times, at the project's internal quality control committee meeting, members of the project's internal quality and steering committee were invited to complete an evaluation form covering all work package activities at site place of each partner.

The internal quality control visit was conducted by a representative of the Egyptian project partners at Mansoura University (MU), Alexandria University (ALU), South Valley University (SVU), Sohag University (SOU), and SCU during September and October 2022 as part of Work Package 6 (Quality control and Monitoring) of the Erasmus+ project PRO-DPCP (**New Professional Diploma in Plant Clinic and Phytosanitary Technologies**).

Internal Quality Control committee received each draft of deliverables from auditors and provided feedback using the Quality Control Checklist form. The task leader allowed quality control personnel who were not involved in the creation of the deliverable to review each deliverable.

After collecting responses from internal quality control Committee members, the SCU will prepare a short report based on this evaluation.

✚ The following list of the members of the internal quality control committee.

- 1- Professor Waleed Shaban – SUC: **Quality Control Leader**
- 2- Professor Mohamed Elaidey – MU: member



- 3- Professor Nader Ashmawy - ALU: member
- 4- Professor Ahmed Hassanien- SOU: member
- 5- Professor Islam- SOU- member

II- The schedule for the internal quality control committee during the visits:

The meeting's objective was to complete WP 6's Quality control and Monitoring—Quality Plan goals with reference to project PRO-DPCP partner number 7, SCU. The agenda was followed as the sessions were held at each university's buildings.

- ✚ Commonly, on the first day of the meeting, according to the agenda, after the welcome speech and short introduction of each university by the president of the university, the local coordinator (**see the list of names**) at each university gave an overview of the activities implemented in the first year of the project and gave the report about the university quality control report of the project.
- ✚ The second day of the meeting was dedicated to the exchange of the experience in implementing Quality control procedures within Erasmus+ projects as well as for analysis of the structure of the SCU Quality control form and possibilities for their improvement.
- ✚ **Rector and Local Coordinator's Name:**
 - 1- *Prof. Cherif Khater*- President of Mansoura University (P4)
 - Prof. Mohamed Elaidey - Coordinator
 - 2- Prof. Nasser Mandour-President of Suez Canal University (P7)
 - Prof. Waleed Shaban- Coordinator
 - 3- *Prof Mustafa Abd Elkhaleq*- President of Sohag University (P8)
 - Prof. Ahmed Hussein – Coordinator
 - 4- *Prof. Yousef Gharbawi* - President of South Valley University. (P9)
 - *Prof. Yousef Gharbawi – Coordinator*
 - 5- *Prof. Abd-Elaziz Konswa – President of Alexandria University (P6)*
 - *Prof. Nader Ashmawy - Coordinator*



III-Progress and activity reports per WP:

🚩 WP1. Preparation: AUP / Co-lead MU

- 1.1- Stakeholder assessment study for plant clinic program
- 1.2- Good practice visits to EU for benchmarking study
- 1.3- Staff needs for training in modern plant clinic techniques
- 1.4- Good practice guide for plant clinic services
- 1.5- Terms of reference to establish network signed

Agricultural University of Plovdiv (AUP), the project coordinator, oversaw the work package in close coordination with **Mansoura University**. In relation to **Task 1.1**, the four Egyptian partners developed instruments for productive and effective communication and conversation between the research community and key stakeholders (civil society, academia, the technical community, government, and the private sector) relevant to the project's goals. Partners prepared tools for reporting, time and cost management, procedures and guidelines for activity planning and revisions of **Tasks (1.2 and 1.3)**, and submission of deliverables to the WP1 leader as anticipated.

Whereas the delay in submitting the deliverables was the only variation from the plan in **WP1**, **Task 1.4**: "Good practice guide for plant clinic services" and **Task 1.5**: "Terms of reference to construct a network" are currently pending and are anticipated to be completed by the end of 2022. The necessity to involve multiple partners in the writing and review processes, as well as the review period's overlap with the creation of several other deliverables that were given priority, were the causes of all the delays. These delays have no unfavorable effects.

🚩 WP2. Capacity Building of Equipment, Library and New Teaching Materials: ASU/ Co-lead ALU

- 2.1- Need of equipment's/teaching materials approved
- 2.2- Space for network/training centers provided
- 2.3- Public tender call for purchasing of equipment's done



2.4- Equipment and literature purchased, installment

The SCU performed the overall **Tasks** of **WP2** by completing the equipment purchase on schedule, successfully installing it, and setting up the lab. Meanwhile, MU, ALU, SVU and SOU are still running in **Task2.3** and **Task2.4**.

WP3. Training Activities in Plant Clinic Units for Diploma Program: UNINA /Co-lead UNIDEB

- 3.1-Staff/students training plan developed.
- 3.2-Training agreements signed among partners
- 3.3-Staff from PC trained on ECTS and pedagogy
- 3.4-Trainers trained on Plant Clinic Techniques.
- 3.5-Technical staff trained on new equipment.
- 3.6-Administrative in PC trained on ECTS system
- 3.7. e-learning and network developers trained
- 3.8-Students trained in field and lab practices
- 3.9-Internship of students applied
- 3.10-Short training program (every 3 months) conducted

The execution of study program in Pant Clinic must include **WP3**, which has established learning outcomes and workload indicated in ECTS. The physical study visit to European partners was postponed due to the COVID pandemic.

To make up for the lost time due to COVID, **Task3.4** and **Task3.5** were conducted virtually via a zoom room platform to allow more educators and professionals to benefit from the train-the-trainer sessions. The study visit, however, was carried out virtually online, and each European university showcased their curricula, pedagogy, labs, participation, student engagement, and outreach initiatives.

In addition to UNINA, a digital professional practice model was created that may be used for work-based learning in professional studies. However, this approach extends beyond the



demands of alternative education and also contributes to professional education's increased inclusivity and general responsiveness to the job market that blurs the lines between the actual and virtual worlds.

Activities (WP3.4) related to the training of faculty members at the Agricultural University in Bulgaria for ALU, MU and SVU were completed. SCU was postponed because for completed travel procedures and ASU was absent. The implementation of the training for ALU, SCU SVU and SOU has also been completed at UNINA University in Italy. MU have apologized and ASU was absent from attending. Arrangements are underway to implement the training at Debrecen University after raising the travel restrictions.

WP4. Development of Curriculum, Design of Diploma Program, Training and Network: UNIDEB /Co-lead ASU

- 4.1- Review of worldwide similar programs conducted
- 4.2-Teaching methodologies developed
- 4.3-Structure for new DPCP program designed
- 4.4-Teaching resource platform developed and web access
- 4.5-Clinic room operated and pests' cultures collected

In November 2020, Six Egyptian project partners involved in work package 4 were invited to attend a workshop at **SOU** with the highest epidemiological real-time Covid-19 health precaution. The aim was to discuss how to structure the new **DPCP program designed** and teaching methodology and activities including the technical, structural and ethical requirements that support them.

The first phase of curriculum development consists of designing the Diploma degree in function of local needs. Many areas of development have been identified: management of field trips, compulsory courses and elective courses. However, course descriptors of 1 page with learning outcomes, learning objectives, course assessment, bibliography **ECTS** or comparable workload was identified for 12 modules by the work package leaders.



By creating prescriptive scenarios and discussing them with actual teachers and tutors, the consortium will try and identify their constituent patterns. Participated to the user requirement tasks by gathering different perspectives and produced a scenario.

A meeting was held at the University of Alexandria in September 2021 with attendance the six Egyptian partners to distribute roles, set controls for prioritizing courses needed for a diploma, and write course descriptions.

Involving practitioners in the design of the scenarios from the start, allows us to refine them, make them usable and useful, and keep them grounded in their actual necessities.

WP5: ALU /Co-lead SCU

- 5.1-New DPCP program accredited and catalogue printed
- 5.2-Teaching commitments to staff members assigned
- 5.3-New program announced/launched at each PC partner
- 5.4-First group admitted at PC partners
- 5.5- Second students group selected/enrolled
- 5.6-Internship report/Diploma graduation thesis evaluated
- 5.7-Graduation ceremony of first diploma graduates

WP5 is led by **ALU** and **SCU** served as Co-leader.

Finally, **SCU** finished successfully the first year of the project, because the Decision on Accreditation of Diploma of Plant Clinic at Faculty of Agriculture for the year 2022/2023 has been started to enroll students. Whereas, **SVU** have been accredited as a Plant Clinic Diploma of the Faculty of Science and will be open to enroll students in 2023. **SOU**, **MAU** and **ALU** submitted their applications for accreditation and wait for the approval of the Supreme Council of Universities- Egyptian Ministry of Higher Education

WP6. Quality Control and Monitoring Plan: SCU /Co-lead SOU

- 6.1-Seminars held on QA, Bologna process, ECTS system
- 6.2-Set up quality monitoring groups for quality...
- 6.3-External quality control of the DPCP program



6.4-Internal quality control of teaching resources...

6.5-Internal quality control of dissemination activities ...

The **WP6** is led through the coordinator SCU and SOU as co-leader. In Year 1, MAU and SCU, controlled the principal purpose of Tasks 6.2 : to outline and specify the appropriate mechanisms and methods to keep an exceptional degree with inside the entire task shape and results and set up a foundation for efficient risk management. This become achieved in numerous ways: growing gear and strategies for risk and high-satisfactory management, growing inner structures to make certain all the PRO-DPCP companions are being knowledgeable approximately the traits and strategies in a task of this size, growing way to maintain up with the events surrounding PRO-DPCP. In generally; none of the project partners in the Egyptian universities have completed the tasks required in the WP6 and no reports have been sent to the work team leader.

WP7. Dissemination and Exploration: MAU leader of work package

7.1-Plenary/press events at 3 sites Egyptian partners held

7.2-Dissemination operational plan developed

7.3-Inauguration of new DPCP program websites

7.4-Seminars, meetings / symposia of plant clinic conducted

7.5-DPCP program dissemination tools applied

7.6-Field days implemented at each partner site

7.7-Project operational plan of exploitation developed

7.8- Sustainability plan

7.9-Workshop on future cooperation among consortium

7.10-Legal agreements/business contracts done

7.11-Laboratory and field analysis paid services

7.12-Consultation and Training Centers (CTC) set up

The original dissemination plan and activities as described in the corresponding **WP7** (found in the project description) have served as a very effective guide for the PRO-DPCP project's



dissemination activities. Many dissemination activities have already occurred, and more will undoubtedly happen in the coming year.

The five EG partners (MU, ALX, SCU, SOU and SVU) continue to use social media platforms and their respective communication strategies to capitalize on project outcomes. To make the project more visible to relevant actors and target audiences, both inside and outside of their institutions, it is crucial that all five partners step up their dissemination efforts over the next months.

None of the project partners provided evidence of a written plan for publicity and publication of the project except SCU, but the four universities started to implement some activities related to activity 7.5 only, and the universities of SVU, SOU, and SCU began to set up a website to advertise the project on the governmental pages of these universities. SCU has set up to implement many activities related to the WP7.

WP8. Management: AUP/Co-lead MAU

- 8.1-(Kick-off meeting)/1st year work plan
- 8.2-Day to day management implemented in project sites
- 8.3-Project steering committee meetings
- 8.4-First project report prepared
- 8.5-Final project report prepared

To ensure effectiveness, decisiveness, flexibility, and high-quality work, the project management structure was formed at **the project's Kick-off meeting** at the **Agricultural University of Plovdiv in Bulgaria in 2019**. The Coordinator, the Steering Committee, the Management Committee, and Quality Management are all involved. The project steering committee, which includes representatives from all project partners, was constituted at the kick-off meeting.



Conclusion:

Following the constructive discussions, the meetings concluded as follows: The project activities have been carried out as envisaged in the original plan, with slight changes and delays that have not affected the overall implementation foreseen for the reporting period. This suggests the generally high quality of management and communication pathways. International meetings faced the COVID19-related restrictions, as predicted in the Risk plan. The travel issues were overcome using blended in-person/online approach for the meeting attendance.

The absence of ASU from the project and its non-participation in the second half of the project did not enable us to visit it and follow up on the activities of the project as a partner P5.