



# Erasmus+ Programme (ERASMUS)

## Progress Report

Version 1.0  
25 February 2021

## **IMPORTANT NOTICE**

### **What is a progress report?**


Progress reports are deliverables which are sometimes requested at mid-term (or other crucial points in the project) if there is a long time-span without reporting.

The report (+ annexes) must be prepared (by all beneficiaries together) and uploaded on the Funding & Tenders Portal Grant Management System Continuous Reporting Deliverables screen.

Progress reports should NOT be confused with periodic reports. Periodic reports are linked to payments, progress reports are not.

## COVER PAGE

PROJECT	
Project number:	[101128862]
Project acronym:	[BREEDTECH]
Project name:	[Building Capacity in Plant Breeding and Biotechnology Education and Research through partnership program in Africa, Middle East and Europe for Agricultural transformation]
Project starting date:	[01/03/2024]
Project duration:	[36]

PERIOD COVERED	
<p> Please note that this is only a progress report. The information in this report must also be included in the next periodic report/final report.</p>	
Period covered (from last periodic report):	from [01/03/2024] to [30/08/2025]

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## 1. MILESTONES, DELIVERABLES AND CRITICAL RISKS

Deliverables and milestones (outputs/outcomes)	YES/NO
We confirm that we updated the following Continuous Reporting screens: <ul style="list-style-type: none"><li>• Deliverables</li><li>• Milestones</li></ul>	Yes

Critical risks	YES/NO
We confirm that we updated the following Continuous Reporting screen: <ul style="list-style-type: none"><li>• Critical risks</li></ul>	Yes

## 2. OVERVIEW OF THE PROGRESS AND ACTIVITIES

### WORK PACKAGES

In order to work towards the achievement of the main goal and the objectives the BREEDTECH project implementation is organized into four Work Packages (WP): WP 1. Management and Evaluation WP 2. Capacity Building and Equipment Upgrading, WP3. Curriculum Development Plant breeding transformation through students, private sector and HEIs engagement and WP 4. Impact and Dissemination

#### ***WP1. Management and Evaluation***

The Project Management (PM) is led by Egerton University and Pixel and is the most important aspect in the project; its aim is to ensure the highest collaboration and coordination between partners and stakeholders. PM ensures that the objectives are met within budget and scheduled timescales, and quality standards. The activities of this WP start with preparing and implementing the project coordination policy and Management Plan (MP), which defines the procedures that regulate the project progress. PM is also responsible for organizing all the project meetings such as the kick-off meeting, management meetings and quality meetings. PM is responsible for the management of all financial, legal and technical aspects of the project and provides the periodical progress reports. Management meetings foster close and systematic collaboration towards reaching the common goals of the project and disseminating them. Moreover, PM includes the assessment and evaluation activities. Additionally, a Quality Plan describing the QA activities developed. A QA report is prepared and presented to the management at the end of each evaluation phase.

#### ***WP2: Capacity Building and research facilities Upgrading***

This work package is led by SSSA with participation of all partner institutions. This WP entails training and capacity building activities for students and staff from African and Palestinian HEIs in the field of plant breeding and biotechnology. Its aim is to provide them with knowledge, skills and hands-on experience on latest techniques and advances in plant breeding and biotechnology. Trained staff and students then apply and transfer acquired knowledge and skills, thereby contributing to the improvement of academic and research programs. 24 students at BSc, MSc and PhD levels will be trained during the project period. Further, 48 academic staff and researchers will be participating in two capacity building workshops in Italy and Sweden. African and Palestinian universities students will participate in five-day research and practical visits to universities in Italy and Sweden to equip them with hands-on learning experiences in the field of plant breeding and biotechnology. The learning experiences will be achieved through lectures, laboratory sessions, field visits, and networking sessions with experienced researchers and professionals from Italy and Sweden universities. During the project period there will be co-supervision of postgraduate students in the partner universities. Upgrade of partner institutions' research and laboratory facilities is being implemented in this work package to improve the functionality of their existing labs and research facilities. This involves coordination among the project partners, objective selection of the equipment that best meets the needs of each university, and proper training on the use of the new equipment to ensure optimal utilization. This activity will enhance the capabilities of the Palestinian and African partner universities by purchasing and installing equipment aligned with the project objectives and activities. Each university will be allocated a budget for this purpose.

#### ***WP3 Curriculum Development Plant Breeding Transformation through Student-Private sector and HEIs engagement***

This Work package is led by HU and SLU in collaboration with African and Palestinian partner institutions. It aims to develop new, review existing curriculums and conduct self-assessment for existing programs that aligns with the project objectives in plant breeding and biotechnology in the respective partner universities. This involves stakeholders' participation in the needs assessment and identification of priority areas such as students advising and support, facilities and infrastructure improvement, staff development activities and institutional benchmarking process during curriculum review. Peer curriculum evaluators targeted from excellent programs nationally or regionally are involved in this work package. The focus is to ensure curriculum review and secure relevance, effectiveness and currency of the reviewed programme. During curriculum development, review and assessment, specific quality assurance measures are put in place to ensure quality of the end product. This includes passing the programme through various stages of curriculum review before being adopted as an academic programme for the partner universities. Development, review and assessment stages are at departmental level, external stakeholders' participation, faculty level, Board of Undergraduate and postgraduate Studies levels and at the Senate and national higher education level where necessary. In addition, the rules and regulations for the developed and reviewed programs provide the procedures for admission requirements, structure of courses, duration of study, course loadings, examination regulations and assessment procedures guiding the programme to ensure quality as stipulated in the respective partner Universities Catalogues. Also, Students will be encouraged to lead projects that apply the knowledge and skills they gained during the exchange visits and practical training. These projects focus on addressing specific challenges in their home countries related to plant breeding and biotechnology. Additionally, Students will lead workshops for their peers on the latest techniques and advancements in plant breeding and biotechnology. This will help to build capacity among the student body and encourage more students to get involved in the field. These activities provide opportunities for students to contribute to the project after their visits to European HEIs and exchange visits and practical training, helping to ensure the sustainability and long-term impact of the project. To ensure that our project has a broad impact across the target regions three BREEDTECH incubators are being established one in Palestine to be led by QOU and two in Africa to be

led by EgU and HU. These incubators are designed to support startups and entrepreneurs in the plant breeding and biotechnology sector, providing them with the resources and support they need to turn their ideas into successful businesses in deep collaboration and engagement of the private sector.

**WP4 Impact and Dissemination**

This work package aims at ensuring the highest visibility of the project and its activities, dissemination of project outcomes, products as well as the experience gained during the implementation of the project for sustainability of results and impact. The long-term impact of this project is making its resources and educational content available to all consortium members and to other external beneficiaries. This is achieved through developing a project website, promotional material related to the project, students and staff shared knowledge work packages and the final conference to stakeholders are involved in the various WP activities.

**Work Package 1**

**Work package 1: [Project management and coordination]**

**Activities**

Report on the implementation status of the activities that were to be implemented during the period and explain deviations from the description of the action (DoA) in Annex 1 GA.

Task No (continuous numbering linked to WP)	Task name	Implemented? (Yes/No/Partially)	Justification (explain what was done and by whom; explain what was not done and why not; indicate how you intend to handle the situation and new timing; indicate if it was a one-off issue or how you intend to avoid similar issues in the future)
T1.1	Develop Project management handbook/plan	Yes	A project management plan was developed. It contains the guidelines and rules for partners regarding communication, project meetings, administrative and financial arrangements, reporting and responsibilities. The draft was developed by the Egerton project team. I was shared among the project consortium member who gave their inputs. The Final version was presented to all beneficiaries during the project Kick-off meeting where it was ratified. The Project management handbook as a deliverable was submitted to EU on 30 <sup>th</sup> May 2024 and was approved on 1 <sup>st</sup> July 2025
T1.2	Organize kick-off meeting	Yes	Egerton University, Kenya organized and hosted the kick-off meeting on 7 <sup>th</sup> and 8 <sup>th</sup> May 2024. Egerton University prepared the meeting agenda for the meeting and all the required materials. Invitation letters were sent to facilitate attendance and visa processing. The invitation letters were sent to Two participants nominated by each beneficiary institution. In the meeting the Project management Board (PMB) was formulated with one representative from each partner institution. The management board is highest management body responsible for managing, monitoring all project activities, checking the progress and realization as well as for coordinating tasks and discussing important issues that might come up during the project lifetime. The meeting was attended by a total of 29 participants including the project members

			from the consortium institutions (SSSA, ANNU, HU, PIXEL, SLU, LU, QOU) , Egerton faculty members and the project secretariat who were supporting with the meeting logistics
T1.3	Management Meetings	Yes	Three project management meetings are scheduled in EU and African partner institutions. After the kick-off meeting the second management meeting was organized in Haramaya University in Ethiopia on 18th and 19th November, 2024. The third meeting is scheduled to be hosted by PIXEL on 29 <sup>th</sup> and 30 <sup>th</sup> September 2025 in Florence Italy. The third management meeting will be held in Swedish Agricultural University in June 2026. During the management meeting, two representatives from each HEIs will attend. These meetings aim to cover work packages management and arranging for all workshops, visits, conferences and trainings. In addition, the progress of the project is reviewed during the meeting. During the meeting challenges are identified and solutions are suggested. The meetings are a valuable opportunity for partners to exchange ideas and share best practices, and to build a strong network of experts in the field of plant breeding and biotechnology. By involving all partners in these meetings, the project aims to achieve greater collaboration and coordination, and ultimately, a more impactful and sustainable outcome. Due to the upcoming issues, we organized for 2 virtual management meeting to address emerging issues.
T1.4	Virtual Collaboration Environment	Yes	A Virtual Collaborative environment on Microsoft teams was created and configured by QOU. it is used for the circulation of internal documents and materials. The challenge is that not all consortium members are using it because it is some beneficiary members are not conversant with the system and they are learning continuously.
T1.5	Develop progress and final reports (technical and financial)	Yes	Egerton University is coordinating this task and working in collaboration with all project partners to develop deliverable reports and midterm progress report. To date nine deliverable reports and one midterm report have been submitted as part of the continuous reporting on the grant management platform. The deliverable reports submitted to date include Deliverables D1 Management Handbook/plan; D5 Development of Training materials for capacity building training 1 for staff; D6 Development of Training materials for capacity building training 2 for students; D9 Curriculum Development- content; D10 Curriculum developed - pilot courses; D12 Dissemination Plan; D16 Report on research facilities Upgrading; D17 Official approval of developed Curriculum; D11 Project Website and D4 Midterm progress report. ( <a href="https://ec.europa.eu/research/participants/grants-app/reporting/DLV-101128862?ticket=ST3260673dollar2pB61PthlckP34GAwKY5mms17wSMM7lrAYxDVjn2ZDfn3dOfsZSasmSwzRuu3BOhl1qNbelZXXvt96r4R2zlpfT8xiMnoW5vK6awHikOyJoH60ISyhal2rXXAyS6g37FzsuSl4fqfWGO93TdHHJ6lFYNoziVVzo0ezSR4u0LlwNwUc9624a0Km7Pzl3szG">https://ec.europa.eu/research/participants/grants-app/reporting/DLV-101128862?ticket=ST3260673dollar2pB61PthlckP34GAwKY5mms17wSMM7lrAYxDVjn2ZDfn3dOfsZSasmSwzRuu3BOhl1qNbelZXXvt96r4R2zlpfT8xiMnoW5vK6awHikOyJoH60ISyhal2rXXAyS6g37FzsuSl4fqfWGO93TdHHJ6lFYNoziVVzo0ezSR4u0LlwNwUc9624a0Km7Pzl3szG</a> )
T1.6	Definition of the Quality assurance and monitoring and evaluation strategy	Yes	Pixel (IT), as WP Leader, in cooperation with Egerton University (KE) as coordinator, produced the draft version of the Quality Plan that presents the quality assurance and the monitoring and evaluation strategy. The Quality Plan was discussed, modified and approved based on the feedback provided by the other project partners within the Transnational Partners Meeting in Nairobi (KE) in May 2024.  The first issue of the Quality Plan is available at:  <a href="https://www.pixel-online.net/projects/breedtech/files/WP1/Quality%20Plan.pdf">https://www.pixel-online.net/projects/breedtech/files/WP1/Quality%20Plan.pdf</a>  Pixel (IT) as WP Leader, in collaboration with Egerton University (KE), created an evaluation questionnaire to assess the project's progress from both partners and end users' perspective. In addition, Pixel (IT) created an evaluation questionnaire aimed at evaluating the transnational project meetings.

			<p>Moreover Pixel (IT) produced the evaluation questionnaires aimed at assessing the training activities in the framework of the second work package Finally Pixel (IT) produced the evaluation questionnaires aimed at assessing the Training Courses and the Piloted courses from the end user perspective. In this regard all activities were completed as planned and the related deliverables and effects have been duly achieved.</p>
T1.7	Quality assurance and monitoring activities	Yes	<p>Pixel (IT), as the WP Leader, has produced a second version of the quality plan, assessing the results achieved until July 2025, in cooperation with Egerton University (KE) as coordinator. The second issue of the Quality Plan is available on the following page:  <a href="https://www.pixel-online.net/projects/breedtech/files/WP1/Quality%20Plan_2.pdf">https://www.pixel-online.net/projects/breedtech/files/WP1/Quality%20Plan_2.pdf</a></p> <p>To date all activities were completed as planned and the related deliverables and effects have been duly achieved.</p>
T1.8	Evaluation activities	Yes	<p>The questionnaires produced by Pixel to evaluate the activities within the framework of work packages 2 and 3 were administered by the respective WP Leaders to the End Users. The resulting data set served as foundation to the WP2 and WP3 leaders for producing the following Evaluation Reports:</p> <ul style="list-style-type: none"> <li>•WP2 - First Student Training Workshop Under the Bulging Capacity in Plant Breeding and Biotechnology Education and Research Through Partnership Program in Africa, Middle East and Europe for Agricultural Transformation Initiative</li> <li>•WP3 - Advanced Molecular Breeding and Plant Protection Technologies in Africa, Middle East and Europe</li> </ul> <p>Pixel (IT) as WP Leader, in collaboration with Egerton University (KE), supported the data analysis and reporting activities. The reports are now available and will be attached to the related deliverables submitted within the continuous monitoring tool. It can be said that all activities were completed as planned and the related deliverables and effects have been duly achieved.</p>
T1.9	Reporting	Yes	<p>Acting as the WP Leader, Pixel (IT), supported by Egerton University (KE) as the coordinator, has submitted a progress project evaluation report, updated as of July 2025 and available at the link below:  <a href="https://www.pixel-online.net/projects/breedtech/files/WP1/Evaluation/Transnational%20Evaluation%20Progress%20Report.pdf">https://www.pixel-online.net/projects/breedtech/files/WP1/Evaluation/Transnational%20Evaluation%20Progress%20Report.pdf</a></p> <p>Additionally, 9 deliverable reports and one midterm have been submitted</p>
<p>Other issues</p> <p><i>Mention and explain unexpected events and adjustments that had to be made. Explain impact on other tasks, available resources and planning/timing.</i></p>		<p>This tasks within this work package have been successfully implemented. The challenges experienced were changes in airfare costs there by impacting budget distribution.</p>	

Milestones and deliverables (outputs/outcomes)												
Work Package No	Deliverable Related No	Deliverable No	Deliverable Name	Description	Lead Beneficiary	Type	Dissemination Level	Due Date	New Due Date (if delay)	Delivery Date	Approval Date	Status
WP1	D1.1	D1	Management Handbook/plan	Plan to guide the project management	EgU	R	SEN	31 May 2024		30 May 2024	01 Jul 2025	Approved
WP1	D1.2	D2	Quality Plan	<p>The Quality Plan will include the following aspects:</p> <ul style="list-style-type: none"> <li>- Identification of the characteristics of the project deliverables to be produced in each of the project work packages</li> <li>- Definition of the tools and templates to be used for the production of each project's expected outcomes.</li> <li>- Production of a project calendar of activities with in progress and final deadlines, organized according to the project work packages.</li> <li>- Identification of indicators for the assessment of the in progress and final results.</li> </ul>	Pixel	R	SEN	31 Dec 2026				Pending
WP1	D1.3	D3	Evaluation Reports	<p>Progress Evaluation Report to highlight the project implementation and propose recommendations for improvement</p> <p>Final evaluation issued at final stage, will present analytically, through commented graphs the data emerging from the questionnaires filled in by all the subjects involved in the project activities.</p> <p>The Report will also take into account all the information provided by the National Reports created by each partner.</p> <p>The report will have the following structure:</p> <ul style="list-style-type: none"> <li>-General introduction to the project</li> <li>-Introduction to the evaluation strategy</li> </ul>	Pixel	R	SEN	28 Feb 2027				Pending
WP1	D1.4	D4	Midterm progress reports	Midterm Report to highlight the project implementational progress (achievements and challenges)	Pixel	R	SEN	31 Aug 2025				Pending

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date	New Due Date (if delay)
1	Conduct Kick off meeting	WP1	EgU	Attendance sheet, minutes of meeting, invitations, pictures	31-May-24	Completed
2	Management meeting	WP1	EgU	Attendance sheet, minutes of meeting, invitations, pictures	28-Feb-27	
3	Final Evaluation	WP1	Pixel	Availability of the report	28-Feb-27	

## Work Package 2

Work package 2: [Capacity Building and Equipment Upgrade]			
Activities			
Report on the <i>implementation status</i> of the activities that were to be implemented during the period and explain <i>deviations</i> from the description of the action (DoA) in Annex 1 GA.			
Task No (continuous numbering linked to WP)	Task name	Implemented? (Yes/No/Partially)	Justification (explain what was done and by whom; explain what was not done and why not; indicate how you intend to handle the situation and new timing; indicate if it was a one-off issue or how you intend to avoid similar issues in the future)
T2.1	Training Material Preparation	Yes	The objective of this activity was to develop the necessary training materials that will be used during the capacity building training sessions for the Palestinian and African partners. The training materials developed included the program of the courses, structure of the lectures, identification the ideal dates and venues for hosting the training. These were preceded by identifying the training gaps that exist within the partner institutions. A needs assessment was conducted to identify skill gaps and capacity-building requirements among students African and Palestinian Higher Education Institutions (HEIs) in plant breeding and biotechnology. The

			<p>training institutions requested each participating HEI to submit gaps outlining their specific training needs which were systematically reviewed and analysed to identify common themes and training priority areas following consultative meeting to discuss how each of the two training institutions could contribute to the program. The meeting ensured that the training delivery leveraged the institutions' respective areas of expertise while avoiding duplication of content. Each institution's role was defined based on its strengths, ensuring that the program provided comprehensive and high-quality training tailored to the identified needs. The training materials developed include training outlines, presentations, case studies, and other interactive resources. This activity was critical for the success of the overall capacity building program as it lays the foundation for the training sessions and ensures that the participants receive the necessary information to support their development. A total of 4 training events have been planned, two of which (SSSA students, SLU staff) were already completed. All training materials have been prepared by SSSA, SLU, IFVCNS and shared as needed with training participants. After completion of the training, all teaching materials are shared with all participants via online platforms. This task was led by SSSA with support from SLU, IFVCNS and other partner institutions. This task was completed and the deliverable report submitted on 11<sup>th</sup> April 2025. There was a delay in submitting the deliverable report because one of our resource persons fell sick.</p>
T2.2	Capacity Building for African and Palestinian Partners	Partially	<p>The participation of 24 staff members from 6 universities for capacity and knowledge transfer to their respective institutions. This task is aimed at providing training and capacity building opportunities to staff from African and Palestinian HEIS in the field of plant breeding, biotechnology and other related fields. The training provides members of the academic staff with knowledge, skills and hands-on experience on latest techniques and advances in plant breeding and biotechnology. Trained staff then apply and transfer acquired knowledge and skills, thereby contributing to the improvement academic and research programs. The first training was held in Alnarp Sweden at Swedish Agricultural University between 22<sup>nd</sup> June to 5<sup>th</sup> July 2025. The training was successful as per feedback provided and reported in the training evaluation. It was anticipated that 23 staff from African and Palestinian Universities would attend since the visas had been approved. However, due to the middle East conflict in June 2025 the flights of 7 participants from Palestine were cancelled and the flight of 3 participants from Egerton University Kenya was cancelled because of closure of Qatar airspace which was the transit route. In total 12 participants (8 from Ethiopia and 4 from Kenya) attended the meeting in person and 3 participants from Kenya and 1 from Palestine joined virtually. The 2<sup>nd</sup> Staff training is scheduled for 22<sup>nd</sup> to 27<sup>th</sup> September 2025 at the Institute of Plant Sciences (ISP), Scuola Superiore Sant'Anna (SSSA), Pisa, Italy. It's anticipated that 24 staff will participate in this training. Most of the trainees have processed the travel documents and are awaiting visa granting and travel. The greatest challenge faces in this task were the flight cancellations but the trainers responded by organizing for virtual participation. The SLU team has organized for the practical sessions in June 2026 before the management meeting. The deliverable report will be submitted at the end of October when all the trainings have been completed. We request for extension of the deliverable report deadline from 31st August to 1<sup>st</sup> November 2025. This task is led by SSSA with support from SLU, IFVCNS and other partner institutions</p>

T2.3	Student Visits to program countries HEIs	Partially	<p>This activity aims to provide students from African and Palestinian universities with an opportunity to participate in training and practical visits to European partner universities and research centres. It was anticipated that 12 students (2 from each of the 6 African and Palestinian Universities) gain knowledge and practical hands-on skills by participating in the 5-day field and training visits in EU countries. During this five-day program, students will have the opportunity to engage in hands-on learning experiences and build their research and practical skills in the field of plant breeding to be achieved through lectures, laboratory work, field visits, and interaction with experienced researchers and professionals from the European partner institutions. Student exchange programs offer students with invaluable opportunities for personal, academic, and professional growth. They students broaden perspectives, enhance language skills, and foster intercultural understanding, making participating students more adaptable and globally aware. These programs could also lead to lifelong connections and build a global network, thereby increasing employability in a diverse and interconnected world. The first student visit was held at the Institute of Plant Sciences (ISP), Scuola Superiore Sant'Anna (SSSA), Pisa, Italy, from May 5<sup>th</sup> to May 9<sup>th</sup> 2025. A total of 8 students participated in the training (3 from EgU, 2 from LU, 2 from ANNU and 1 from QOU). The training was very successful as per feedback provided and reported in the project evaluation. 4 students from Ethiopia did not attend the training because they delayed in applying for the visa to Italy and the processing time was late hence were not granted the visas. Additionally, SSSA will host 2 Ethiopian students from OBU who missed the 1<sup>st</sup> training between 22<sup>nd</sup> to 27<sup>th</sup> September 2025 together with the staff training. However, two students from HU were denied visas to Italy hence will not attend the training. The second training is scheduled to take place between 22<sup>nd</sup> and 26<sup>th</sup> September 2025 at the Institute of Field and Vegetable Crops National Institute Novi Sad Serbia. It is anticipated that 10 students from Kenya, Ethiopia and Palestine will participate in the training. Unfortunately, 2 students from ANNU in Palestine had the visa application denied. This task was led by SSSA with support from SLU, IFVCNS and other partner institutions.</p>
T2.4	Upgrade of Centres and laboratory facilities	Partially	<p>Eight centres have been upgraded in Kenya, Ethiopia and Palestine at EgU, LU, HU, OBU, ANNU and QOU with new equipment, aligning with the project objectives and activities. After the awarding of the project, the concerned HEIs went through a revision of the procurement lists to update the requests in line with the needs expressed at the time. Indeed, some of the HEIs already purchased some materials with other projects activated since the submission of BREEDTECH. Once the new procurement lists were settled and approved, the HEIs processed procurement as per internal procedures. This posed some challenges due to several factors impacting African and Palestinian institutions: bureaucratic hurdles, challenges imposed by political instability (e.g. in Ethiopia and Palestine), market scarcity for procured items, monetary inflation and others as reported in D2.5. Currently, all procurement procedures by the HEIs are concluded; however, several objects were not yet received, with a timeline that is beyond our control. Notwithstanding these challenges, we expect all procurement to be completed within Q4 of 2025. Hence we request extension of time delivery for this activity.</p>
T2.5	Installation and deployment of	Partially	<p>The objective of this activity is to upgrade the existing labs and centres with equipment that aligns with the project objectives and activities. Each African and Palestinian university</p>

	new equipment	received a certain budget to purchase the necessary equipment. This activity involves the installation of the equipment in the relevant labs and centres and the deployment of the equipment to make them operational through training of the staff and students utilizing the equipment's and the facilities for teaching and research. The new equipment will be used to enhance the educational experience of the students and to improve the research capabilities and teaching activities of the universities. The task is ongoing and will be completed in the 4 <sup>th</sup> quarter of 2025
<p><b>Other issues</b></p> <p><i>Mention and explain unexpected events and adjustments that had to be made. Explain impact on other tasks, available resources and planning/timing.</i></p>		<p>The organization of the training events proved more complex than expected, especially for what concerns organization of travels for visiting students. Hotels and accommodations in the EU require credit cards for booking, which none of the HEI students have. This poses a challenge in arranging accommodation when accommodation is not available in hosting institutions, something that should be taken in consideration in upcoming projects. Visa release has also been challenging and required several interactions with the concerned embassies. At times, visas were rejected regardless of the documentation provided. This also needs to be taken in account in further projects. Also, the changes in the cost of the equipment affected by the currency devaluation and inflation have an impact on the budget. Instability devaluation of local currencies has led to higher ticket costs affecting the overall budget allocation. The public procurement process used in some institutions may have delayed the upgrade of the centres. The conflict in the middle East in June 2025 affected the travel of some of the participants to the SLU staff training.</p>

**Milestones and deliverables (outputs/outcomes)**

**Deliverables**

Deliverables 2.1, 2.2 were submitted within the allocated timeframe. We took the decision of holding back deliverable 2.3 and 2.4 until the training are completed and are expected by Q4 2025. Deliverable 2.5 is completed and submitted in August 2025.

Work Package No	Deliverable Related No	Deliverable No	Deliverable Name	Description	Lead Beneficiary	Type	Dissemination Level	Due Date	New Due Date (if delay)	Delivery Date	Approval Date	Status
WP2	D2.1	D5	Development of Training materials for capacity building training 1 for staff	Electronic and printed (English) comprehensive and effective training materials, PowerPoints presentation /or training links and resources developed and prepared by the European partners. These materials will be used during the capacity building sessions and will serve as a reference for the participants.	SSSA	R	PU	31 Jul 2024	01 Mar 2025	11 Apr 2025		Submitted
WP2	D2.2	D6	Development of Training materials for capacity building training 2 for students	Electronic and printed (English) comprehensive and effective training materials Training materials/ or PowerPoints presentation /or training links and resources developed and prepared by the European partners. These materials will be used during the capacity building sessions and will serve as a reference for the participants.	SSSA	R	PU	31 Jul 2024	01 Mar 2025	11 Apr 2025		Submitted

WP2	D2.3	D7	Report on capacity building for training 1 for staff	This report is a joint effort by partners from Palestine and Africa who take part in a training program together. It indicates what they learned, the problems they faced, and how this training will help them personally and within their organizations. It also discusses how this training has made a difference and gives suggestions on how to make future training even better 24 Academic staff and researchers from Palestine and Africa HEIs participate in two capacity building trainings in Program Countries to acquire hands-on experience and knowledge about the latest techniques and advancements in the field of plant breeding and biotechnology invitation, agenda, signed presence list, pictures presentations, evaluation, report, feedback questionnaire.	SSSA	R	SEN	30 Nov 2024	01 Nov 2025			Pending
WP2	D2.4	D8	Report on Report on capacity building training 2 /Student Visits to program countries HEIs	This is one comprehensive report which insights into the experiences and outcomes of students highlighting the benefits of these visits, assessing their impact on students, and providing recommendations for improvement. Additionally, the report will include details such as number of participants, program duration, and the academic focus. In addition to the feedback from students who participated in the visits, as well as insights from program coordinators and host institutions. 12 students gaining knowledge and participating in the 5-day field and training visits in EU countries invitation, agenda, signed presence list, pictures presentations, evaluation report, feedback questionnaire	ANNU	R	SEN	31 Aug 2025				Pending
WP2	D2.5	D16	Report on research facilities Upgrading	One report will highlight the procurement of new equipment and the installation or upgrading of facilities by eight centres. It will Emphasize how both equipment procurement and facility improvements directly contribute to achieving the project's objectives, highlight the expected impact of the new equipment and upgraded facilities and Include feedback from project participants or beneficiaries if available	SSSA	R	PU	31 Aug 2025				Pending

**Milestones**

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date	New Due Date (if delay)	Delivery Date (actual)	Achieved
4	Capacity Building for African and	WP2	SSSA	Attendance Sheets, report,	30-Nov-24			

	Palestinian Partners			Pictures				
5	Student Visits to EU HEIs	WP2	SSSA	Attendance Sheets, report, Pictures	31-May-25			
6	Purchase of Equipment"	WP2	ANNU	Tendering documents	28-Feb-25			
7	Equipment deployment and installation	WP3	HU	Printed reports and pictures	31-Aug-25			

### Work Package 3

Work package 3: [Curriculum Development]			
Activities			
Report on the <u>implementation status</u> of the activities that were to be implemented during the period and explain <u>deviations</u> from the description of the action (DoA) in Annex 1 GA.			
Task No (continuous numbering linked to WP)	Task name	Implemented? (Yes/No/Partially)	Justification (explain what was done and by whom; explain what was not done and why not; indicate how you intend to handle the situation and new timing; indicate if it was a one-off issue or how you intend to avoid similar issues in the future)
T3.1	Curriculum Development	Yes	The staff, who has gained knowledge and skills from the capacity building workshop, will use this newly acquired knowledge to either develop or upgrade the curriculums in their respective institutions and align it with the objectives and activities of the project. This will involve incorporating new information and techniques related to plant breeding and biotechnology, and ensuring that the curriculum is practical and relevant for the students. The ultimate goal of this activity is to ensure that the next generation of plant breeders and biotechnology professionals are equipped with the necessary knowledge and skills to succeed in their careers. The Eu experts will provide continuous support and feedback while Palestinian an

			and African partners develop the curriculum. During this phase a total of 23 courses have been updated and developed by researchers and academic staff in the partner countries as per the deliverable report D3.1 D9. This deliverable report details all the courses developed by each African and Palestinian University. The deliverable report was submitted on 8 <sup>th</sup> April. This task is led by Haramaya University supported by SLU in collaboration with respective partner institutions.
T3.2	Piloting phase	Partially	During the piloting phase, the newly developed curriculums are implemented and tested in the respective African and Palestinian universities and with the students. The piloting phase will provide an opportunity for the universities to assess the effectiveness of the curriculum and make any necessary changes before it is fully implemented. The students will also play an important role during the piloting phase by participating in the classes and providing feedback on the curriculum. This will help to ensure that the curriculum meets their needs and is engaging and relevant to them. Overall, the piloting phase will provide a valuable opportunity for the universities and students to test and refine the newly developed curriculum in plant breeding, ensuring that it is effective and sustainable. During the piloting phase, 13 courses are being piloted in the 6 Palestinian and African universities. There is collaboration among the universities, exchange of experiences and best practices during the piloting phase. This will help to ensure the effectiveness and sustainability of the newly developed curriculum. The quality assurance aspect of the piloting phase will be implemented by PIXEL and feedback provided. The detailed piloting report (Deliverable D3.2 D10) was submitted on 3 <sup>rd</sup> April 2025. This task is led by Haramaya University and supported by all implementing consortium universities.
T3.3	Approving the developed courses	Partially	The developed and reviewed courses by all the HEIs in the three countries need to be approved and integrated in their education system. The approval of the courses is done by different governing bodies at the university and national level. The official approval is done by presentation of the curriculum to the faculty board, board of undergraduate and postgraduate/ studies, University senate, Commission of University Education and Academic Council depending on the university and the country. 13 programs and course have been approved at different levels as outlined in the deliverable report D3.3 D17. This task is led by Haramaya University and supported by all implementing partner universities
T3.4	Plant Breeding Transformation through Student Engagement	Partially	<p>The objective of this activity is to advance the field of plant breeding and biotechnology while contributing to the development of the next generation of plant breeders in Africa and Palestine. By equipping students with the necessary skills, knowledge, and practical exposure, this activity will empower them to tackle pressing challenges related to food security, climate resilience, and sustainable agricultural systems. The following activities have been conducted as part of student engagement in the project:</p> <p>A total of 14 students are engaged in the BREEDTECH project and 8 of them participated in the student training at SSSA in Italy. 3 (EgU), 2 (LU), 3 (HU), 3 (OBU), 1 (QOU) and 2 (ANNU) students are developing research proposals, while others are already doing research activities at their</p>

			<p>respective institutions.</p> <p>After the training in Italy from Laikipia and Egerton Universities student did a virtual conference to share the knowledge with their colleagues with an attendance of over 30 participants. Staff and student from Oda Bultum University who are BREEDTECH team members offered Bioinformatics training to their colleagues.</p> <p>Additionally, BREEDTECH Egerton team sponsored 17 students to participate and present their research findings at the Laikipia University 6<sup>th</sup> Biennial International Conference 2025 held on 28<sup>th</sup> to 30<sup>th</sup> May 2025 (<a href="https://www.egerton.ac.ke/university-news/partnerships/research-partnerships/egerton-university-led-breedtech-project-empowers-young-researchers-at-laikipia-university-conference">https://www.egerton.ac.ke/university-news/partnerships/research-partnerships/egerton-university-led-breedtech-project-empowers-young-researchers-at-laikipia-university-conference</a>).</p> <p>BREEDTECH will also participate in Egerton University 20<sup>th</sup> Biennial International Conference to be held in Feb 2026 where they project members and students from all the consortia members will be invited to participate.</p> <p>Through these activities, the project ensures that the knowledge gained during mobility programs is retained and disseminated, thereby strengthening institutional capacity and creating a ripple effect across universities. Furthermore, this approach promotes sustainability and long-term impact by embedding skills and practices within the student community. Planning for this activity is ongoing and is expected to be finalized in August 2026. Oda Bultum University leads the task with the active support and collaboration of all implementing partner universities.</p>
T3.5	Three BREEDTECH Incubators	Partially	<p>As part of our project on plant breeding and biotechnology, the importance of providing students, researchers, and academics in the partner countries HEIs with opportunities to develop their skills and apply the knowledge they acquired during the capacity building workshops in real-world settings is recognized. BREEDTECH incubators will develop to provide a supportive environment for startups and innovative projects in the field of plant breeding and biotechnology. BREEDTECH incubator are designed to serve as a hub for collaboration, networking, and knowledge sharing among different stakeholders and target groups. They offer a range of services to support the development of startups and innovative projects. In addition to our academic and research partners, engaging with the private sector is a key driver of innovation and economic growth in the field of plant breeding and biotechnology. The BREEDTECH incubators are designed to facilitate collaboration and knowledge exchange between startups and established businesses in the private sector. In this regard, from Palestine, QOU and ANNU are cooperating with higher Council for Innovation and Excellence.</p> <p>In Kenya, Eug and LU will work 2 seed companies (Egerton seed Unit and Agrosoy seeds company limited), one agro-processor (Bequeen Millers and food production LTD) and a business dealing with farmer agro advice, seed merchant and marketing of farm produce (Spring Agriventure enterprise). In Ethiopia, HU, and OBU will work with Pioneer company</p>

		<p>from Ethiopia. To ensure that our project has a broad impact across the target regions, three incubators are being established, one in Palestine leading by QOU and two in Africa lead by EgU and HU.</p> <p>So far, the Kenyan BREEDTECH incubator has been established and it is engaging seed companies, farmers, agrodealers, processors, cooperatives and farmer organizations. They have held 2 joint events; an exhibition of their products at the Laikipia University International conference and a farmer field day at Koibatek Agricultural training Centre, Baringo County in collaboration with CIMMYT, ICRISAT and County Government of Baringo and Elgeyo Marakwet. A total of 65 farmers, extension, and stakeholders participated in the field day. A discussion on the establishment of Living Lab for training and knowledge platform was agreed.</p> <p>QOU had two meetings, one private seed company (Alsabee company); the different possibilities of cooperation were discussed. Second meeting was with Union of Agricultural work committees; the main topic of meeting was the growing vegetable landraces and how to improve it productivity and the possibility for cooperation in future.</p> <p>In Ethiopia, Haramaya University team together with Oda Bultum University team had a meeting with three stakeholders, which includes, Fedis Agricultural Research Center (producing basic seeds), Afren Kello Farmers' Cooperative Union (a seed company involved in dissemination activities) and East Hararghe Agricultural Office representatives. During the discussion, a proposal for establishing a Hub for Plant Breeding and Biotechnology either at Haramaya University Campus or in the Babile research station has been proposed, however final decision has not yet made and the same will be decided in due course in the follow-up meetings.</p>
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**Other issues**

*Mention and explain unexpected events and adjustments that had to be made. Explain impact on other tasks, available resources and planning/timing.*

The main challenged faced in this work package is the unanticipated differences in curriculum approval processes in different institutions and different countries. This may have delayed the implementation of the various tasks within the work package.

**Milestones and deliverables (outputs/outcomes)**

**Deliverables**

Work Package No	Deliverable Related No	Deliverable No	Deliverable Name	Description	Lead Beneficiary	Type	Dissemination Level	Due Date	New Due Date (if delay)	Delivery Date	Approval Date	Status
WP3	D3.1	D9	Curriculum Development-content	At least 8 new and updated curriculum content in plant breeding and biotechnology developed in consultation with EU experts to ensure they meet the current needs and challenges in the field.	SLU	R	PU	30 Nov 2024	01 Mar 2025	08 Apr 2025		Submitted
WP3	D3.2	D10	Curriculum developed - pilot	At least 8 new and updated curriculums in plant breeding and biotechnology piloted in consultation with EU experts to ensure they	HU	R	PU	28 Feb		03 Apr		Submitted

			courses	meet the current needs and challenges in the field.				2025		2025		
WP3	D3.3	D17	Official approval of developed Curriculum	At least 8 new and updated curriculums in plant breeding and biotechnology undergo official institutional approval in consultation with EU experts to ensure they meet the current needs and challenges in the field.	SLU	R	SEN	31 Aug 2025				Pending
WP3	D3.4	D18	Students Pilot Projects	two piloting projects in the field of plant breeding will be developed will serve as innovative testbeds, allowing us to further develop and optimize plant breeding techniques while fostering valuable partnerships with Palestinian HEIs.	SLU	R	SEN	31 Aug 2026				Pending
WP3	D3.5	D19	The establishment of three BREEDTECH Incubators	three incubators will be developed through the concerted efforts of multiple partners, including academic institutions, private sector entities, and government bodies, working together to create supportive environments for startups and innovative projects in the field of plant breeding and biotechnology	SLU	R	PU	31 Dec 2026				Pending

**Milestones**

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date	New Due Date (if delay)	Delivery Date (actual)	Achieved
8	Curriculum development	WP3	SLU	Copies of the curriculum developed by each university	28-Feb-26			
9	Piloting Phase	WP3	SLU	Students enrolled in the courses Feedback on the pilot phase Report prepared by PIXEL	31-Aug-26			
10	Students Engagement	WP3	SLU	Students' projects	28-Feb-26			
11	BREEDTECH Incubator	WP3	HU	List of BREEDTECH Technologies incubated; Printed reports and pictures	28-Feb-26			

**Work Package 4**

<b>Work package 4: [Impact and Dissemination]</b>			
<b>Activities</b>			
<i>Report on the <u>implementation status</u> of the activities that were to be implemented during the period and explain <u>deviations</u> from the description of the action (DoA) in Annex 1 GA.</i>			
Task No (continuous numbering linked to WP)	Task name	Implemented? (Yes/No/Partially)	Justification (explain what was done and by whom; explain what was not done and why not; indicate how you intend to handle the situation and new timing; indicate if it was a one-off issue or how you intend to avoid similar issues in the future)
T4.1	Prepare dissemination and exploitation plan	Yes	QOU being WP lead prepared a project dissemination plan and its outcomes. This plan included design and follow-up a dissemination strategy, which included detailed actions including establishing and managing the needed dissemination infrastructure such as the web-based platform, portal, and social media, awareness campaign, networking. The plan also defines the selected and adapted according to the intended audience or target groups. The plan fosters the sustainability of results and the impact of this project at the long-term by making its resources and educational content available to all consortium members and to other external beneficiaries. This plan includes each partner institution approve organizing promotion and dissemination days (information days) to introduce and promote the project as well as disseminate results. Organizers will attempt to reach out as many target groups as possible. A draft dissemination plan was developed and shared among the partners for inputs and was later approved and submitted on the grant management platform on 9 <sup>th</sup> September 2024 and was approved on 1 <sup>st</sup> July 2025.
T4.2	Dissemination of the designed, created, and promoted materials	YES	QOU created the project logo and other visual identities, which was approved by all partners during the kick-off meeting. Promotional materials like e-brochures, e-posters, e-leaflets, flashes etc., were designed and published from the very beginning of the project, and during the different project deliverables and milestones for distribution to partners and all participants in the project activities. The softcopies are available on the project website. Promotional events of project activities were also be recorded and launched on the project website and social media. The developed resources produced also contain the project logo and other related promotional details.  Additionally, a BREEDTECH project website was developed by QOU ( <a href="http://www.breedtech.edu.ps">www.breedtech.edu.ps</a> )

			<p>and majority of the partner institutions have linked their websites to the main BREEDTECH website e.g Egerton University created a website for BREEDTECH project activities and materials for dissemination on the link</p> <p><a href="https://egerton.ac.ke/tags/breedtech">https://egerton.ac.ke/tags/breedtech</a>; <a href="https://www.haramaya.edu.et/research/breedtech-project/">https://www.haramaya.edu.et/research/breedtech-project/</a>; <a href="https://agri.najah.edu/en/scientific-research-and-innovation/projects/breedtech1/">https://agri.najah.edu/en/scientific-research-and-innovation/projects/breedtech1/</a>; <a href="https://www.pixel-online.net/project.php?id=198">https://www.pixel-online.net/project.php?id=198</a>;</p> <p>Also, various institutions have carried out a total of 86 dissemination events were conducted reaching out more than 3000 persons. Below are some of the links for the various dissemination events carried out by the respective partner institutions</p> <p><a href="#">Egerton University-Led BREEDTECH Project Empowers Young Researchers at Laikipia University Conference</a>; <a href="https://web.facebook.com/OBUethiopia/posts/oda-bultum-university-in-collaboration-with-breedtech-project-holds-external-cur/1064517372355674/?_rdc=1&amp;_rdr">https://web.facebook.com/OBUethiopia/posts/oda-bultum-university-in-collaboration-with-breedtech-project-holds-external-cur/1064517372355674/?_rdc=1&amp;_rdr</a>; <a href="https://internt.slu.se/en/news-originals/2024/11/fostering-a-new-generation-of-plant-breeders-and-biotechnologists/">https://internt.slu.se/en/news-originals/2024/11/fostering-a-new-generation-of-plant-breeders-and-biotechnologists/</a>; <a href="https://laikipia.ac.ke/partners">https://laikipia.ac.ke/partners</a></p>
T4.3	Develop networking and Collaboration among EU, Palestine and African experts and researchers	Partially	<p>During the 2<sup>nd</sup> management meeting, in–depth discussion was held about activity implementation. Two scientific publications will be prepared by project partners and published in pee-review journals. SLU and SSSA partners will take the leadership for preparing these two scientific publications. The papers will cover topics related to the roles of plant breeding and biotechnology in maintain food security and mitigate negative impact of climate change in MENA and south countries of sub-Saharan Africa.</p> <p>Joint publications and scientific papers and researches are ongoing by project partners to be disseminated at the national and international levels, and develop international understanding of the project. The establishment of the platform and the web-site facilitate and develop peer communication, networking, and collaboration between staff members, experts and researchers in this field. Such a platform was created during the Laikipia University Biennial Conference whereby BREEDTECH was one of the partners.</p>
T4.4	Conducting final Closing Event and dissemination ceremony	NO	<p>A final meeting will be organized by Al Quds Open University in Palestine 3<sup>rd</sup> quarter of 3<sup>rd</sup> year, for two days with the participation of 3 person from each university to discuss the project outcomes, present research, develop action plans and disseminate the project and its outcomes. Academic and admin staff involved in the project as well as well-known researchers and young researchers, decision makers and representatives from Palestinian universities management, ministries, academies, research institutes are invited to increase the project’s visibility, emphasize the importance of developing digital transformation process and the best practices, present and promote the aims and scope of the project outputs.</p>

T.4.5	Knowledge transfer workshops	NO	<p>The knowledge transfer workshop, included in the impact and dissemination work package, will be a three-day event held in each partner university. During this workshop, representatives from each university as well as stakeholders from the private sector and community who are indirect beneficiaries of the project, will attend and participate in the transfer of knowledge and information related to the project outcomes and results of the curriculum to be conducted by the staff who participate in the capacity building workshop. The aim of this workshop is to ensure that the knowledge and skills acquired through the project are widely disseminated and can be applied by all stakeholders to achieve the long-term sustainability and growth of the fields of plant breeding and biotechnology in Palestine and Africa.</p>									
T4.6	Developing Plant Breeding MOOC Massive Open Online Courses (MOOCs)	Partially	<p>QOU held a virtual info session on 13<sup>th</sup> May 2025 for all project partner representatives to introduce MOOC concept, purpose, objectives, and how to prepare and design attractive MOOC. QOU made a draft of the BREEDTECH MOOC course and share it with all partners for feedback. Additionally, QOU established a MOOC platform where the course will be built.</p> <p>This activity will provide students, researchers, and professionals in the field with an opportunity to gain in-depth knowledge and skills in plant breeding. The MOOC will be developed by experts in the field, and will cover the latest research, trends and best practices in the area. It will be accessible to everyone, regardless of their location or background, and will provide a platform for learners to connect with each other, share their knowledge, and engage in discussions and debates. By providing high-quality, accessible and engaging learning opportunities, this MOOC will play a crucial role in advancing the field of plant breeding and fostering a new generation of experts in the field.</p>									
<p>Other issues</p> <p><i>Mention and explain unexpected events and adjustments that had to be made. Explain impact on other tasks, available resources and planning/timing.</i></p>		<p>This Work Package has been implemented without major setbacks</p>										
<p><b>Milestones and deliverables (outputs/outcomes)</b></p>												
<p><b>Deliverables</b></p>												
Work Package No	Deliverable Related No	Deliverable No	Deliverable Name	Description	Lead Beneficiary	Type	Dissemination Level	Due Date	New Due Date (if delay)	Delivery Date	Approval Date	Status
WP4	D4.1	D11	Project Website	Develop the project website, working language (Arabic and English)	QOU	DEC	PU	31 Aug 2025			01 Jul 2025	Pending
WP4	D4.2	D12	Dissemination Plan	Soft copy English version of the Dissemination Plan	QOU	R	SEN	31 May 2024	19 Jun 2024	09 Sep 2024		Submitted

WP4	D4.3	D13	A final project conference	invitation, agenda, signed presence list around 100 attendees will participate in this conference 2, days will be conducted of the event, report of the event, training material package, presentations, evaluation report, research	QOU	R	SEN	30 Nov 2026				Pending
WP4	D4.4	D14	Knowledge sharing workshop in Kenya	invitation, agenda, signed presence list around 70 attendees will participate in these workshops from each HEIs, 2 shared knowledge workshops will be conducted in the partner countries of the workshop, report of the workshop, presentations, evaluation report, feedback questionnaire	LU	R	SEN	28 Feb 2026				Pending
WP4	D4.5	D15	Knowledge sharing workshop in Ethiopia	invitation, agenda, signed presence list around 70 attendees will participate in these workshops from each HEIs, 2 shared knowledge workshops will be conducted in the partner countries of the workshop, report of the workshop, presentations, evaluation report, feedback questionnaire	OBU	R	SEN	28 Feb 2026				Pending
WP4	D4.6	D20	Knowledge sharing workshop in Palestine	Invitation, agenda, signed presence list around 70 attendees will participate in these workshops from each HEIs, 2 shared knowledge workshops will be conducted in the partner countries of the workshop, report of the workshop presentations, evaluation report, feedback questionnaire	ANNU	R	SEN	28 Feb 2026				Pending
WP4	D4.7	D21	Scientific papers and research presentation	Scientific papers and research will be prepared during the WP2 and Wp3 and presented during the final conference	QOU	R	PU	31 Aug 2026				Pending

**Milestones**

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date	New Due Date (if delay)	Delivery Date (actual)	Achieved
12	Final conference	WP4	QOU	Conducting the event (photo, attendance sheets)	30-Nov-26			
13	Knowledge sharing/transfer workshops in Kenya, Ethiopia and	WP4	ANNU	invitation, agenda, signed presence list around 100 attendees will participate in these workshops	31-Aug-26			

	Palestine			participate in the capacity building training, 3 days training will be conducted of the event, report of the event, training material package, presentations schedule, evaluation report, feedback questionnaire,				
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**Timetable**

<b>Timetable (projects of more than 2 years)</b> Report on <u>deviations</u> from Annex 1 of the Grant Agreement. Fill in the planned implementation in beige and the deviations in red. Adapt and repeat lines/columns as necessary.												
Starting date: 1 <sup>st</sup> March 2024												
ACTIVITY	YEAR 1 (March 2024-February 2025)				YEAR 2 (March 2025-February 2026)				YEAR 3 (March 2025-February 2027)			
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4
Task 1.1 - Develop Project management handbook/plan												
Task 1.2 - Organize kick-off meeting												
Task 1.3 - Management Meetings												
Task1.4 - Virtual Collaboration Environment												
Task 1.5 - Develop progress and final reports (technical and financial)												

Task 1.6 - Definition of the Quality Assurance, Monitoring, and Evaluation Strategy												
Task 1.7 - Quality Assurance and Monitoring Activities												
Task 1.8 - Evaluation activities												
Task 1.9 - Reporting												
Task 2.1 - Training Material Preparation												
Task 2.2 - Capacity Building for African and Palestinian Partners												
Task 2.3 - Student Visits to Program Countries												
Task 2.4 - upgrade of centres and Laboratories facilities												
Task 2.5 - Installation and deployment of new equipment												
Task 3.1 - Curriculum Development												
Task 3.2 - Piloting Phase												
Task 3.3 - Approving the developed courses												



### 3. BUDGET IMPLEMENTATION *(n/a for Lump Sum Grants)*

Overall budget implementation — Use of resources	YES/NO
We confirm that the overall budget consumption is in line with the advancement of the activities. <i>If there are major deviations, identify them and explain the reasons why.</i>	Yes

## ANNEXES

### LIST OF ANNEXES

n/a

HISTORY OF CHANGES		
VERSION	PUBLICATION DATE	CHANGE
1.0	25.09.2024	Initial version
2.0	20.11.2025	Describe the tasks and achievement
3.0	30.03.2025	Added additional inputs on the achieved tasks
4.0	30.03.2025	Added a timetable
5.0	22.07.2025	Revised the tasks achieved and the deviations in the timelines
6.0	21.08.2025	Shared final draft report with the partners to review
7.0	29.08.2025	All inputs added and final report ready for submission