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Quality Evaluation Plan



SciArt: Promoting 21st-century skills through an
inclusive STEAM approach to Cultural Heritage

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I. Internal Progress Evaluation Questionnaire Template	Erro! Marcador não definido.
II. Transnational Project Meeting Evaluation Questionnaire Template	Erro! Marcador não definido.

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Project Overview

AIM OF THE PROJECT

The project's specific objectives are to:

- develop an innovative, inclusive STEAM approach to Cultural Heritage that combines inquiry-based approaches, Science education, Arts education, Technology, and Cultural Heritage studies.
- design the SciArt activities (including the educational resources needed) and the SciArt training course and educational platform.
- build capacity among all the consortium staff members (researchers, Museum experts and teachers) on the different aspects of the SciArt approach and train teachers from the implementation countries.
- disseminate the approach using the results from the pilot implementation.

Project partners

The project is being conducted by a consortium of 3 European countries and 9 official partner organisations:

PARTNER COUNTRY		ORGANISATION ACRONYM	FULL NAME
CO	CYPRUS	EUC	European University Cyprus
P1	CYPRUS	AGLG / LMMN	Foundation Anastasios G. Leventis
P2	CYPRUS	THE FALCON SCHOOL	The Falcon Cultural Enterprises Ltd
P3	GREECE	AUTH	Aristotelio Panepistimio Thessalonikis
P4	GREECE	UOWM	Panepistimio Dytikis Makedonias
P5	GREECE	PSPTH	Peiramatiko Scholeio Panepistimiou Thessalonikis
P6	PORTUGAL	P.Porto	Instituto Politecnico do Porto

P7	PORTUGAL	MME	Museu Municipal Esposende
P8	PORTUGAL	AEEA	Agrupamento de Escolas Eugénio de Andrade

Associate partners

The following organisations were identified as associated partners during the project proposal preparation phase and will be involved mainly in the piloting phase of the project:

PARTNER COUNTRY		ORGANISATION NAME	TYPE OF ORGANISATION
AP1	CYPRUS	Olympion High School	SCHOOL
AP2	CYPRUS	Terra Santa College	SCHOOL
AP3	GREECE	Museum of Byzantine Culture of Thessaloniki	MUSEUM
AP4	GREECE	Dimotiko Scholeio Ammochoriou	SCHOOL
AP5	GREECE	Primary School of Ydrousa	SCHOOL
AP6	GREECE	2 nd Primary School of Amyntaio	SCHOOL
AP7	PORTUGAL	Escola Secundaria Henrique Medina	SCHOOL
AP8	PORTUGAL	Agrupamento de Escolas Coelho e Castro	SCHOOL
AP9	PORTUGAL	Escola Profissional de Esposende	SCHOOL
AP10	PORTUGAL	Agrupamento de Escolas Eugenio de Andrade	SCHOOL

Purpose of the Quality Evaluation Plan

The main purpose of the Quality and Evaluation Plan is the monitoring of the proper project implementation as well as the evaluation of the project results and activities. This ongoing process will take place throughout the project duration (see section E for the reporting periods) and will be led by the responsible partner, European University Cyprus.

Quality Evaluation Plan Structure

All project activities will be monitored and evaluated with particular emphasis on the Project Activities. The purpose of the monitoring activities is to provide information about progress toward the achievements of project objectives, flag up any issues of concern, especially under-performance and most importantly, serve as a warning system to trigger any corrective action that may be required.

Therefore, the Quality and Evaluation Plan includes the following:

- A. Quality evaluation methodology
- B. Partner responsibilities and Quality committee
- C. External expert
- D. Quantitative and qualitative indicators
- E. Timeline on Project's Quality Activities
- F. Quality evaluation reporting templates

A. Quality Evaluation Methodology

The following table identifies:

- The project processes subject to quality control;
- The quality control activity to monitor whether project processes are properly followed;

Through the different monitoring tools, the partnership will ensure adequate quality standards.

Project Process	Process Quality Standards	Quality Control Activity	Frequency/ Interval	Action
Project management and progress (incl. WP development)	>70% compliance with project plan/ satisfaction rate by PMs/QC members	Monitor the following project activities: <ul style="list-style-type: none"> ✓ Management ✓ Communication ✓ Project progress ✓ WP development ✓ Piloting activities ✓ Training activities 	Two 6-month reports/year	In case any activity is evaluated less than 80%, this will be stated in the summative quality report and will be discussed with the partnership to suggest solutions and actions.
WP development/ Activities	>70% satisfaction by participants	Monitor the following project activities: <ul style="list-style-type: none"> ✓ WP development ✓ Piloting activities ✓ Training activities 	Two 6-month reports/year Tailor-made Questionnaires for stakeholders involved	In case any activity is evaluated less than 80%, this will be stated in the summative quality report and will be discussed with the partnership to suggest solutions and actions.



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B. Partners' responsibilities under Quality Evaluation

The project partners will undertake the following tasks in order to monitor and evaluate the project's activities and results:

EUROPEAN UNIVERSITY CYPRUS as the responsible partner for the coordination of the quality and evaluation activities will be:

- Drafting the Quality Evaluation Plan and developing the quality assurance evaluation tools;
- Managing and coordinating the Quality, Monitoring and Evaluation activities;
- Presenting the results of the evaluation surveys in the project meetings;
- Producing quality evaluation summary reports (internal partnership evaluation- every 12 months, external- after implementation/piloting activities).

ALL PARTNERS will evaluate the project activities and results. More specifically, all partners will:

- Provide feedback on the Quality and Evaluation Plan and the project's quality evaluation tools;
- Fill in all necessary quality evaluation surveys to assess their satisfaction with the project implementation and achievement of the project objectives and indicators.

Stakeholders and project end-users participating in the project activities (e.g. piloting, events) will fill in evaluation surveys to facilitate the measurement of the level of satisfaction and growth of skills and knowledge. This will be done through questionnaires and the preparation of reports.

Quality Committee

A Quality Control Committee is set up and its main role is to safeguard the quality control of activities within the framework of the project. The Quality Committee will be composed of representatives from all project partners – **at least 1 member per each partner organisation. The aim of the QC is to:**

- control the quality within the project in the fields of management, procedures, timely execution of project tasks and products
- keep a systematic check on levels of social responsibility, ecological sustainability, economic viability and communication
- ensure consistent assessment of the project outputs in regards to the target groups' needs and expectations

The members of the Quality Control Committee are the main project managers of each partner organisation identified in [ANNEX 1 - Quality Committee Members](#).

C. External expert

External evaluation will be carried out by an external expert involved by EUC (lead partner), who will fulfill the quality criteria (i) have knowledge and experience in the evaluation of projects implemented by partnerships in European funded programmes (ii) be familiar with the issues which are primary subjects of the project, (iii) speak English fluently. The external expert will investigate the delivery of specific project deliverables, their usefulness and accuracy, and impact on the target group.

More specifically, the external expert will evaluate through a tailor-made questionnaire:

- 1) SciArt e-book (WP2)
- 2) SciArt activities (WP3)
- 3) SciArt training course (WP3)
- 4) SciArt case studies (WP5)

D. Monitoring of Project- Evaluation Indicators

Qualitative indicators

The qualitative indicators will be applied at all stages of the project implementation in order to guarantee the successful project execution as well as efficient and useful project outputs.

No.	Indicator	Measurement	WP
WP1 Project Management			
1.	Partnership's satisfaction regarding project management process	>70%	WP1
2.	Partnership's satisfaction regarding internal cooperation	>70%	WP1
WP2 Developing the SciArt Approach			
3.	Partnership's satisfaction regarding the content and layout of the e-book	>70%	WP2
4.	Teachers' satisfaction from partner schools (at least four from each partner country) regarding the content and layout of the e-book	>70%	WP2
5.	External reviewer(s)' satisfaction regarding the content and layout of the e-book	>70%	WP2
6.	Trainees' satisfaction from associated schools regarding the content and layout of the e-book	>70%	WP2
WP3 SciArt Educational Resources			
7.	Positive feedback from an external reviewer regarding the content of the SciArt activities	>70%	WP3
8.	Positive feedback from an external reviewer regarding the resources of the SciArt activities	>70%	WP3
9.	Positive feedback from the Alpha and Beta testing of the SciArt activities with staff members and university students	>70%	WP3
10.	Positive feedback from an external reviewer regarding the content of the SciArt training course	>70%	WP3
WP4 SciArt Educational activities			

11.	Positive feedback/ Level of satisfaction from the participants of the Master Training Event	>70%	WP3& WP4
12.	Positive feedback from teachers on the SciArt training course concerning usefulness in piloting	>70%	WP3& WP4
13.	Positive feedback from teachers on the SciArt activities concerning the motivation of students	>70%	WP3& WP4
WP5 Dissemination & Sustainability			
14.	Positive feedback from partners concerning results of WP5	>70%	WP5
15.	Positive feedback from participants in the events	>70%	WP5
16.	Positive feedback from an external reviewer regarding the case studies	>70%	WP5

Quantitative performance indicators

Quantitative performance indicators will be used to assess the extent to which project results and objectives have been achieved:

No.	Indicator	Measurement	WP
WP2 Developing the SciArt Approach			
1.	Downloads of the SciArt e-book by the end of the project	At least 100 downloads	WP2
2.	Translation of the SciArt e-book into Greek and Portuguese before the implementation of the piloting	3 language versions e-book	WP2
WP3 SciArt Educational Resources			
3.	Series of SciArt activities designed: one for primary (9-12y) and one for secondary education (12-15y) students	2	WP3
4.	Number of videos created	8	WP3
5.	Reports in video format created to present the results from each one of the methods	72	WP3
6.	Augmented Laboratory Instruments created	72	WP3
7.	Number of participants in Beta testing of the SciArt activities- university students	20	WP3

WP4 SciArt Educational activities

8.	Number of participants in the Master Training Event	27	WP4
9.	Teachers trained during the piloting phase	60	WP4
10.	Multimodal and/or AR-enhanced digital books available on the project website	20	WP4

WP5 Dissemination & Sustainability

11.	People reached through participation in three (3) relevant national/ local events.	500	WP5
12.	Unique users visiting the project website	2000	WP5
13.	Case studies collected by the University partners	4	WP5
14.	Academic publication submitted to an open-access journal	1	WP5
15.	People reading the abstract of the publication & full-text	200 & 50	WP5