

TERMS OF REFERENCE (TOR)

External evaluation of the MathICs Project

Strengthening Mathematics Education by the use of ICTs in Morocco

Grant Agreement No. 619501-EPP-1-2020-1-ES-EPPKA2-CBHE-JJ

1. Summary of the Project

The main goal of the project is the introduction of the new ICTs in the teaching of mathematics in Morocco, with the aim of modernizing the system of teaching mathematics and thus obtaining greater interest in mathematics from pupils, which should result in a better final qualification of students and a higher success rate.

Clearly, the introduction of ICTs requires the availability of appropriate infrastructure and technical equipment. A field study of all these variables was carried out, obtaining results on the basis of which the acquisition and installation of the necessary equipment was planned and budgeted. At the moment, Partner Universities are installing the equipment and staff and professors are being trained in all the aspects related to the application of these technologies in their classes.

PARTNERS:

PROGRAM COUNTRIES

1. Universidad de Almería, Almería, Spain (Applicant)
2. École Centrale de Nantes, Nantes, France
3. Universidade de Lisboa, Portugal
4. Synapstic S.L., Almería, Spain

PARTNER COUNTRY (MOROCCO)

5. Université Mohammed 5 de Rabat
6. Université Cadi Ayyad de Marrakech

7. Université Ibn Tofail de Kenitra
8. Université Sultan Moulay Slimane, Beni Mellal
9. École Nationale Supérieure des Mines de Rabat
10. Académie Internationale Mohammed VI de l'Aviation Civile, Casablanca

2. Objectives and Key Principles of the Evaluation

The objective of the external evaluation is to assess the progress and success of the activities of the different WPs aligned with the project indicators and to propose actions to improve the overall effectiveness of the results. The evaluator/expert will analyse and interpret data on the project to identify achievement of results and weaknesses, document the status of the project in reports and make recommendations.

The external monitoring and evaluation includes the evaluation of:

- Process evaluation (quality of the management and WP leaderships, effectiveness of communication, meeting deadlines, etc.);
- Quality of the outputs and the deliverables and their relevance (impact, innovation, sustainability, etc.) Respect of the work plan.

The results of the evaluation will be shared and discussed within the partnership. On the basis of the recommendations from the evaluators and the feedback from the partners, corrective actions will be taken if necessary.

3. Deliverables

Deliverable	Date of submission
<p>Interim report</p> <p>The mid-term evaluation report shows the results of the project process and assesses the state of play of the different WPs. The document presents a quantitative and qualitative assessment of the project and includes recommendations and corrective measures.</p>	<p>30/11/2022</p>
<p>Final evaluation report</p> <p>The final evaluation report presents the final outcomes and results of the project activities and the impact they have on the target groups. The document presents an assessment of the quality management of the project as a whole. Recommendations for Final Report.</p>	<p>15/01/2024</p>

4. Selection Criteria

Applicants must meet the following **minimum requirements**:

- ✓ Must have already participated in external evaluations and contributed to studies on quality assurance;
- ✓ Must have proven experience in the field dealt by the project(application of ICT in education);
- ✓ Must be fluent in oral and written English.

The assessment criteria for the selection of candidates are:

- ✓ Clarity and relevance of the concept note on the methodology of the project evaluation **(10%)**
- ✓ Experience in external evaluation and quality assurance **(20%)**
- ✓ In-depth knowledge of the management of projects funded by the European Commission **(15%)**
- ✓ Experience and reference projects in the application of ICT in education **(15%)**
- ✓ Knowledge of the Moroccan Higher Education system and experience with cooperation projects in Morocco **(10%)**
- ✓ Knowledge of French language **(10%)**
- ✓ Financial proposal **(20%)**

5. Contract duration

The contract shall be carried out during the eligibility period of the project (15/01/2021-14/01/2024). In case of an extension to the eligibility period of the project, the contract period shall be extended accordingly.

Start date of the assignment: as soon as possible

End date of the assignment: end of the project

6. Budget

A maximum budget of 9,000€ euros (VAT excluded) has been allocated for this evaluation activity. Should the evaluator attend to any Consortium meeting, travel and subsistence expenses shall be covered by the Consortium apart from the abovementioned offer.

7. Application procedure

Offers should include:

- CVs of relevant staff members(s) who will directly perform the Evaluation activities;
- Reference projects;
- Technical offer with an indication of the evaluation methodology;
- Detailed financial offer for the implementation of the tasks.

Deadline for receipt of offers: 31/10/2022

Applications should be sent in English to: mathics@ual.es

8. Form of Contract

Goods or services ordered by the MathICs consortium as a result of this offer shall comply with the contractual conditions of these terms of reference. The project is coordinated by the University of Almería (UAL). The terms and conditions are those of the aforementioned organization.

9. Contacts

- Luis Oyonarte Alcalá: Project Coordinator, oyonarte@ual.es
- María Fernanda Rodríguez Heras: Financial and Administrative Manager, mfheras@ual.es
- Ana Pipio: Leader of the Quality Work Package, anapipio@tecnico.ulisboa.pt

10. Data protection

- In carrying out the evaluation of this project, the evaluator must respect the following confidentiality rules:
 - All data relating to this project are confidential.
 - The information is only accessible to those whose access is authorized.
 - The coordinator authorizes the external expert to list the data in paper or electronic media intended to carry out the activities entrusted to him. However, the coordinator does not give the evaluator any right to use, disclose or publish the data or results obtained in the course of his activity.