

## Short presentation of the MathICs project

### "Strengthening Mathematics Education by the use of ICTs in Morocco"

MathICs is an Erasmus+ CBHE project (Capacity Building in the Field of Higher Education; Key Action 2). It is one of 164 projects selected at European level out of 1005 applications submitted in 2020 with a success rate of 12% in the South Mediterranean region. It has a budget of nearly 1,000,000 € and aims to strengthen the teaching of mathematics in Morocco through the use of new information and communication technologies (ICT) in order to contribute to the modernization of the mathematics education system in Morocco.

- **Type:** Erasmus+ (Key Action 2) project (**Capacity Building in the field of Higher Education**)
- **Duration of project:** From January 15, 2021 to January 14, 2022
- **Project No:** 619501-EPP-1-2020-1-ES-EPPKA2-CBHE-JP
- **MathICs Activities**

For the benefit of mathematics professors as well as PhD students, MathICs organize twice the following three training sessions together with a final phase of application of the knowledge acquired:

**TRAINING 1:** Training on the use of some software and some teaching material.

**TRAINING 2:** Training on the creation of moocs, audiovisual content and, in general, e-learning mathematics content.

**TRAINING 3:** Training on some pedagogical teaching methods using ICT in the classroom.

**TRAINING 4:** "Pedagogical adaptation to mathematics lessons." The last step of the training period will take the form of a workshop presenting practical activities on the knowledge acquired. In particular, the trained staff will produce videos, moocs, etc. which will be discussed during the workshop. The final version of the works will be shared through some platforms.

To succeed in its mission, MathICs will install two media rooms in each of Moroccan partner institutions: one for the creation of digital content and the other for e-learning.

#### - **Consortium**

##### ▪ **Program Countries**

1. **Universidad De Almería, Spain (Coordinator).**
2. **École Centrale De Nantes, France.**
3. **Instituto Superior Técnico, Universidade De Lisboa, Portugal.**
4. **Synapstic S.L., Almería, Spain.**



## ▪ Partner Country (Morocco)

5. Université Mohammed V De Rabat (Local Coordinator).
6. Université Cadi Ayyad De Marrakech.
7. Université Ibn Tofail De Kenitra
8. Université Sultan Moulay Slimane De Beni Mellal.
9. École Nationale Supérieure Des Mines De Rabat.
10. Académie Internationale Mohammed Vi De L'aviation Civile, Casablanca.



## ▪ Associates

11. Réseau Méditerranéen Des Écoles D'ingénieurs Et De Management (Rmeim), Marseille, France.
12. Société Marocaine De Mathématiques Appliquées (Sm2a).
13. Moroccan Association Of Private Higher Schools (Amesup).
14. Jiwat Éducation Et Développement.



## Join us on:

- **Website** : [MathiCs Strengthening Mathematics Education by the use of ICTs in Morocco \(ual.es\)](http://MathiCs Strengthening Mathematics Education by the use of ICTs in Morocco (ual.es))
- **Facebook** : [MATHICS Erasmus+ CBHE – Accueil | Facebook](https://www.facebook.com/MATHICS-Erasmus-CBHE-Accueil/)
- **LinkedIn** : [Strengthening Mathematics Education – MathiCs – Rabat, Rabat-Salé-Kénitra, Maroc | Profil professionnel | LinkedIn](https://www.linkedin.com/company/mathics-rabat/)
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