

Africa-Europe Conference on Higher Education Collaboration, 25 October 2019, Brussels „Investing in people, by investing in higher education and skills in Africa“



MOSE-FIC & ASICIAO / Project « Erasmus+ - Capacity building in the field of higher education »

Project Presentation

Today, the quality of engineering training in Central and Central Africa (more specifically in Cameroon, Senegal and Togo) has to meet international standards while being closely connected to local economic and sociocultural contexts. To reach this goal, global structuring involving representatives of the different economic sectors is required.

Five European higher education institutions will support ten schools from Cameroon, Senegal and Togo in their pursuit of autonomy by helping them to develop their own method of improving quality in order to obtain the CTI (Commission des Titres d'Ingénieurs) accreditation and the EUR-ACE label and, by doing so, to reach international standards.

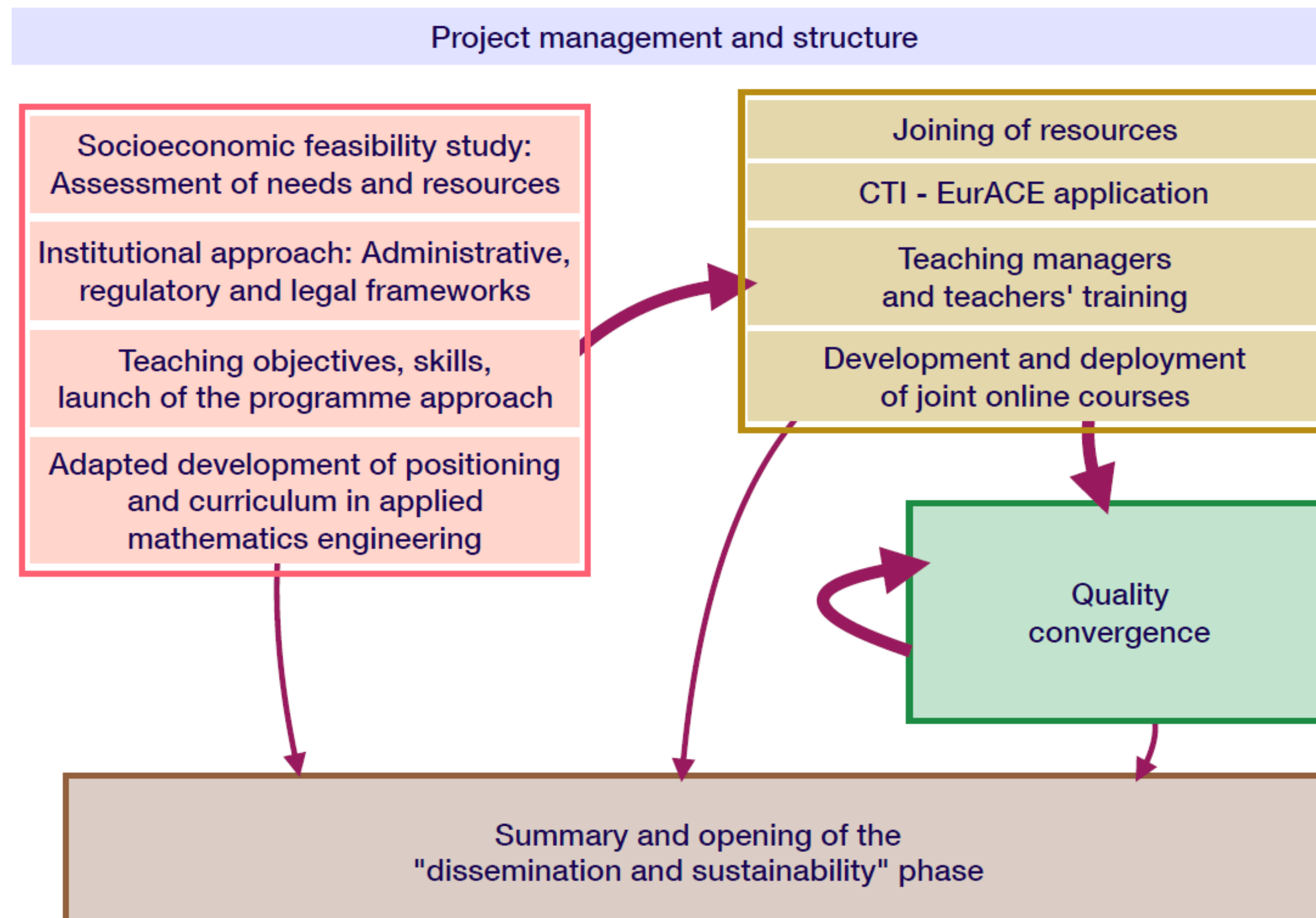
The ten schools have been chosen to reflect as much as possible the diversity of institutional models and training programs, and to consider potential synergy beyond the countries involved in this project. They all possess both a strong will for improvement and local resources that have yet to be structured. An upgrade of the traditional academic streams along with the development of new specialties (applied mathematics) should highlight local skills that are much sought-after worldwide.

Support, which includes training personnel, will structure all different phases of the process. It should allow the African institutions to decide what needs and evolutions are required. It will cover pedagogical, economical and institutional stakes in order to ensure autonomous and effective grasp of the quality process. It will lead them to design online training programs that could be shared.

The acquired know-how and the general method will be assessed and adjusted when necessary. They will give rise to a White Paper and to the implementation of an adapted follow-up that should guarantee the sustainability of the quality process within the socio-economic and cultural context.



Project Activities



Project Results

Towards a new model of cooperation
Collaborate for the creation of an African engineer with international standards

Capacity building in higher education:

- Strategic positioning of the training offer
- Program approach and skills approach
- Structuring of pedagogy
- Training in didactic and pedagogical engineering
- Structuring a strong and readable governance
- Accompanying to an international accreditation process
- Creation of multi-purpose technological platforms
- Establishment of permanent quality processes
- Development of new specialties in applied mathematics

Sustainability & Synergies

Innovative character :

- Few engineering courses are labeled by the Commission of Titles of French engineers (CTI) in Africa;
- Development of a logic of appropriation rather than a transfer approach;
- Joint will to co build between partners

Goals and objectives

- Accreditation of engineering training by the CTI and issuance of the EUR-ACE Label*
- Edition of a methodological white paper for the implementation of engineering training in Cameroon, Senegal & Togo
- Creation of African engineering school networks to international standards

(*) : The European Accredited Engineer (EUR-ACE) label is managed by the European Network for Accreditation of Engineering Education (ENAE)



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IMPLEMENTING PARTNERS



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