

Making Mathematics Teachers Mobile

MA²ThE TE AMO

Socrates / Comenius 2.1 project

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Introductory abstract

Partner Institutions

- University of Vienna, A
- Charles University in Prague, CZ
- University Lillebaelt - Skaarup Seminarium, DK
- University of Paris 12 - IUFRM Créteil, F
- University of Pisa - CAFRE, I (*Project Coordinator*)

Rationale

The project focuses on promoting mathematics teachers mobility by enhancing their confidence in their language competence and thereby reducing their reluctance to be mobile.

It takes into account the shortage of mathematics teachers in western countries, “universality” of school mathematics curricula and standards, and the required language and communicative competences necessary for reading and discussing mathematics in a foreign language.

Background

Preliminary analysis has shown that in the partner countries, mathematics student teachers are very rarely educated to use a foreign language as the medium of instruction in maths.

Aim

To prove, by the piloting of the same didactic units in the five partner countries, that it is not difficult to teach mathematics abroad provided teachers acquire the necessary intercultural communicative competence in a foreign language.

Target groups

The main target groups are mathematics in-service teachers and student teachers in secondary schools.

Main activities

- First year: deep analysis of the current situation in the partner countries as regards teaching mathematics in a foreign language, selection of topics
- Second year: designing teaching units
- Third year: Piloting of the teaching units by visiting teachers, international workshop.

Outputs

- Project web site: *<http://mta.dm.unipi.it/>*
- DVD
- International workshop