

**Факултет:**

Факултет за информатика

**Наслов на проект:**

Video Conferencing Services for Education

**Главен донатор на проектот:**

TEMPUS

**Период на реализација:**

15.01.2009 – 14.01.2012

**Вкупен буџет на проектот:**

819840,00 EUR

**Улога на УГД во проектот:**

To deploy video conferencing equipment in local and disperse University premises, to tune and maintain the equipment, to determine procedures for collaboration with MARNET, to participate in local dissemination workshops and conferences, to participate in the description of the service level agreement polices.

**Раководител на проектот од УГД:**

Сашо Коцески, Борис Крстев

**Лице за контакт од УГД:**

Сашо Коцески

**Резиме на проектот:**

Learning takes place in wide range of settings, across the whole life span, and with a variety of aims. Learning is a social process involving the active construction of new knowledge and understanding through individual learning and group and peer interaction. Clear communication and effective communication tools are necessary prerequisites for effective collaborative learning.

New information and communication technologies are blurring the distinction between traditional and distant teaching. When the role of a technology within learning is assessed, there are two separate criteria to consider, those of effectiveness and efficiency. Effectiveness refers to the opportunity that technology offers to improve what is obtainable with traditional methods. Video conferencing is particularly aimed at supporting dialogue as a form of interaction. Efficiency refers to the opportunity that technology offers to improve the access to educational materials.

Video conferencing service, used in combination with other educational services significantly eases this access by lowering the cost of original production of educational material and increasing the possibility to update educational materials more frequently.

The project Challenges are to help in:

- Connecting dispersed campuses of the partner countries Universities
- Connecting more universities around the world
- Connecting students and faculty with resources throughout Macedonia and around the world.
- Achieving educational equity across diverse geographies and demographics
- Managing instructor shortages, creating new revenue/research possibilities for academic networks and Universities
- Overcoming University budget shortfalls
- Increasing enrollments and dual enrollment
- Constant professional development and certification
- Improving student experience and participation
- Managing information access
- Improving inter-university cooperation

**Партнер институции вклучени во проектот:**

- 1.Applicant - University of Florence, School of Engineering, Italy
- 2.“AVNet”, Katolic University Leven, Belgium
- 3.“National Information Infrastructure Development Institute”, Hungary
- 4.“Macedonian Research and Academic Network” (MARNET), University “Ss Cyril and Methodius” - Skopje, R. Macedonia
- 5.Macedonian Ministry for Education and Science
- 6.University “St Kliment Ohridski” - Bitola, R. Macedonia
- 7.University UNINETTUNO, Rome, Italy
- 8.University “Goce Delcev” – Stip, R. Macedonia
- 9.“South Eastern” University -Tetovo, R. Macedonia
- 10.European University – Skopje, R.Macedonia
- 11.FON University – Skopje, Macedonia
- 12.Serbian Research and Academic Network

### 13. Albanian Research and Academic Network

#### **Краток опис на реализирани активности:**

1. Functional videoconferencing educational service system within the Republic of Macedonia
2. Methodology guide for the usage of video conferencing subsystem for educational purposes in a multi lingual distance learning environment
3. Illustration of potential for harmonization of Curricula (at Inter - National level) attended by the students from different Universities using video conferencing infrastructure system – used for dissemination purposes
4. Web based portal for equal and transparent access to the videoconferencing services enabling participation in live educational video conferencing sessions or video on demand service for recorded video conferencing sessions.
5. Initial video conference service process description, draft documents for service level agreements, draft documents for different non functional requirements with regards to video conferencing services
6. Draft description of organization support needed for establishing video conferencing system