

SUPERCOMET 2

"Superconductivity Multimedia Educational Tool phase 2
for the continuing vocational training of upper secondary
school physics teachers"



ONLINE COURSES FOR TEACHERS AND PUPILS IN SUPERCOMET2 PROJECT

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The SUPERCOMET2 project started in December 2004 and runs until 2007 with financial support through the EU Leonardo da Vinci programme, continuing SUPERCOMET project.

Coordinator: Simplicatus AS Norway

SUPERCOMET had partners from 4 countries and the main products are:

- Computer Application
- Teacher Guide
- Teacher Seminar

SUPERCOMET2 partnership: 15 countries

SUPERCOMET2 main aim: to further develop, test, adapt and disseminate the training materials from the SUPERCOMET project, in order to improve the quality of the continuing vocational training of upper school physics teachers throughout Europe.



SUPERCOMET2 deliverables:

- new modules and contents for the SUPERCOMET computer application
- server-based functionality supporting collaborative work with the computer application & translation of the upgraded computer application to all project languages / countries
- revision of the SUPERCOMET teacher guide
- translation and adaptation of the updated teacher guide to all project languages / countries
- documentation from the classroom testing of the computer application with supporting activities
- an online course that will train teachers in order to facilitate the use of online learning materials for their pupils.

eLearning means the use in education of multimedia technologies and Internet

quality materials, simulations



online resources

collaboration, sharing, communities



“eLearning: Designing tomorrow’s education” – EC initiative, 24 May 2000

eLearning Programme 2004-2006: “Promotion of digital literacy, creation of European virtual campuses, e-Twinning of schools in Europe and promotion of teacher training and transversal actions for the promotion of eLearning in Europe ”



Timsoft Ltd Romania is subcontractor in SUPERCOMET2 project.

Timsoft Ltd – <http://www.timsoft.ro> - is an active actor in eLearning in Romania:

o products:

- eLearnTS - Virtual Learning Environment - with versions in Romanian and English, which is used for online courses, online communities, e-collaboration, online workshops
- IntraTS – Intranet application for information management, communication and collaboration

- eTestTS – online testing – dynamic building of online modules and questionnaires.
- offers online courses – IT, Management, Counselling, Training the eTrainers, for 3 universities, firms, individual learners
- hosts Romanian eLearning Community
- eJournal; Weblog; eLearning Resources
- organizes international online workshops – partner e-Learning Centre UK – <http://www.e-learningcentre.co.uk>
- partner in Educational Projects.

Timsoft Tasks in SUPERCOMET2:

- Review, translate and adapt the SUPERCOMET teacher seminar, teacher guide and computer application to the language and curriculum of Romania.
- Produce contents for the further development of the SUPERCOMET computer application
- Organize testing of the SUPERCOMET products in at least one Romanian upper secondary school.
- Organize local project meetings in Romania as agreed with the Partner.
- Promote dissemination of SUPERCOMET products in Romania as agreed with the Partner.
- Develop and run an Online Community for the project according to specifications.
- Develop and run online course in Romania according as agreed with the Partner.
- Participate at and contribute to project meetings as agreed with the Partner.

Romanian partner schools:

- Electrotimis High School Timisoara
- Aurel Vlaicu Upper Secondary School Arad
- Technical College of Construction and Environmental Protection Arad
- Transilvania High School Deva.

15 Romanian teachers are trained using a blended approach.

The training program consists of:

- a f2f seminar, similar with those delivered by all the partners, and
- an online course: the teachers are prepared for delivering online courses or for enhancing their traditional courses using an online learning environment.

The objective of the online course is to give an introduction to online facilitation, the participants acquire knowledge about:

- the guiding principles of facilitation online courses, online communities and online events (workshops, seminars, real-time meetings, etc),
- virtual learning environments
- the development of appropriate learning models and assessment,
- how to support and motivate the students in online courses,
- the critical success factors of successful online communities,
- instructional design, web authoring.

Participating in an online training program allows new facilitators, themselves nontraditional students, to learn experientially under the same conditions as their future students.

Training provides an opportunity for facilitators to learn about online learning, but also provides a model for best practices.

It's important to master the technology, but more to understand the pedagogy and methodologies of online learning process.

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SUPERCOMET2 - eLearning Facilitators

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For over 60 pupils from the partner schools, an online course is provided:

- use and experiment the SUPERCOMET2 materials
- participate in various Physics contests.



This space is facilitated by the teachers trained for online facilitation.

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Teachers from all the partners countries share their experience and learning resources in the online community Physible.