

REPORT

on the work accomplished under the project
213871-CP-1-2001-1-BG-ERASMUS-TN
"EUROPEAN COMPUTING EDUCATION AND TRAINING"

1. A detailed Work Plan for 2001/2002 was drawn up and has been acted on.
2. Regular contact with the network partners and with the SOCRATES Offices in Brussels and Sofia has been established and maintained – the Manager and the network members have exchanged up to 60-70 e-mail messages daily at crucial moments.
3. A Web site has been created for the ECET Thematic Network (TN). The Web site contains information about: the background of the TN, its objectives, partners, work groups (management groups, advisory team, evaluation board, different expert groups), and management structure; a library of Socrates/Erasmus documents concerning finances, applicants and final reports; the work plan, meetings, conferences, reports, etc. For each work group there is a complete list of members and also a collective mailing list for sending emails to all members. After a password protected login TN partners have access to the Project Forum area, where they can give their comments and opinions on the project documents currently under discussion. New applicants are asked to fill in an electronic application form on-line, which can then be considered and approved or disapproved by the TN coordinator or manager.
4. An electronic guidebook "Who is Who" has been created, containing data about all the TN members. This is maintained on the TN Web site and can be accessed by anyone interested.
5. ECTS information packages have been exchanged between partners and a model ECTS information package has been created.
6. The working practices of existing Thematic Networks have been studied. The experience of the project partner from Spain, Prof. Jorge Ramio Aguirre, Head of the CriptoRed TN, and of the partner from Ireland, Prof. Micheal O Heigeartaigh, Coordinator of the TN University / Industry Co-operation in Europe in the Field of Computing helped us to create a fully operational thematic network. Links with other Thematic networks were established including the TN EUPEN (European Physics Education Network) coordinated by Prof. Hendrik Ferdinand, the TN THEIERE (Thematic Homogeneity in Electrical and Information Engineering), and the TN EUCEET II (European Civil Engineering Education and Training II).
7. Working practices and terms of reference for the TN have been elaborated, discussed and adopted.
8. A proposal for financing the Network during 2002/2003 has been written and sent to the Socrates Office in Brussels.
9. The management infrastructure of the TN has been developed
10. The first meeting of the TN was convened at the University of Rousse, Bulgaria, on 22nd/23rd March 2002, and 45 representatives from 34 institutions in 21 European countries took part. The following activities were completed at the meeting:
 - The working practices and terms of reference were discussed and adopted;
 - The work plan for 2001/2002 was discussed and adopted;
 - A Management Group was chosen;
 - An Advisory Team was formed;
 - Expert groups, covering the major areas of Computer Education, were formed;
 - An Evaluation Board was chosen;
 - A vision of a Virtual European Department of Computing was proposed and discussed.
11. A Partnership Agreement/Contract between the Project Coordinator and the organizational members of the TN has been worked out and signed by all relevant parties.
12. A Virtual Centre for developing Web based courses (a software e-Learning platform) has been developed, and is currently being tested at the University of Rousse and at the COMHARD Company, Berlin.
13. A model for a course Web site has been created.
14. Work is in progress on the creation of a model Virtual Laboratory.

15. The CompSysTech'2002 conference was held in Sofia, Bulgaria, with wide participation by members of the TN consortium. Of the 105 papers presented, 68 were given by representatives from TN partner institutions. There was a special "e-Learning" section dedicated to the role of the TN in the development and application of Information and Communication Technologies (ICTs) and in the e-Learning initiative of the European Commission.
16. CompSysTech'2002 conference proceedings have been published in a paper version and as a CD.
17. The Second TN project meeting took place in Sofia in association with the CompSysTech conference on 21st/22nd June 2002, and 40 representatives from 18 European countries took part. The following activities were completed at the meeting:
 - A Report about completed work.
 - Discussion about the Professional Standards for Bachelors and Masters in Computer Science, Computer Engineering and Software Engineering.
 - Specification of future activities.
 - Clarification of the financial rules for work on the project.
18. Email and Web Forum discussions have been conducted between members of the Advisory Team in order to develop comparable professional standards.
19. Comparable professional standards for Bachelors and Masters in Computer Science (CS), Computer Engineering (CE), Software Engineering (SE) and Information Systems (IS) have been elaborated.
20. The third TN ECET project meeting took place in Larnaka, Cyprus on 26th/27th July 2002 and was hosted by the University of Cyprus. Its main objective was to discuss and adopt the professional standards.
21. Virtual meetings and email discussions have been conducted between members of the Expert Groups, with the purpose of discussing existing curricula and preparing lists of courses to be included in the comparable curricula.
22. Meetings of the Expert Groups took place in Larnaka in order to discuss and prepare lists of courses to be included in the comparable curricula.
23. Comparable curricula for Bachelors in CS, CE, SE and IS have been prepared.
24. About 10 new TN members have been attracted.
25. The government and the public in Bulgaria have been acquainted with the goals and the tasks of the TN.
26. The objectives and outcomes of the TN ECET in the first year were presented at the East-West Vision (EWW02) conference, which took place on 12-13 September, 2002 in Graz, Austria.
27. A report on the work carried out during the first year of the project has been elaborated.
28. A Work Plan for the year 2002 / 2003 has been prepared.
29. The final meeting for the first project year took place in Vienna on 16th/17th September 2002. It was hosted by the Vienna University of Technology and 65 representatives from 52 institutions in 30 European countries took part. The following activities were completed at the meeting:
 - The comparable curricula for Bachelors in CS, CE, SE and IS were discussed and adopted;
 - The first year report was discussed and adopted;
 - The work completed in the first project year was evaluated;
 - The Work Plan for 2002 / 2003 was discussed and adopted.
30. The SAER-2002 conference was held in Varna, Bulgaria on 21, 22.09.2002. Of the 42 papers presented, 18 were given by representatives from TN partner institutions. During the conference a round table discussion on Computer Systems in Education was conducted.