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THE HISTORY OF A SMALL EUROPEAN FAMILY

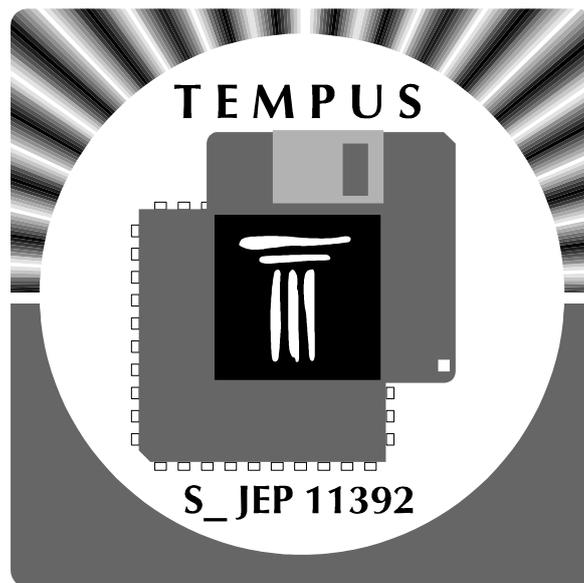


PRE-HISTORY

**PROJECT TEMPUS S_JEP-11392
“RESTRUCTURING DEGREE COURSES IN COMPUTING”**

11 Partners’ Institutions in 5 European Countries

1996 - 1999



**MR. STANLEY OLDFIELD -
THE CONTRACTOR OF THE FIRST PROJECT**



1999, PLOVDIV



This Project was announced the FLAGSHIP of all Bulgarian TEMPUS Projects.



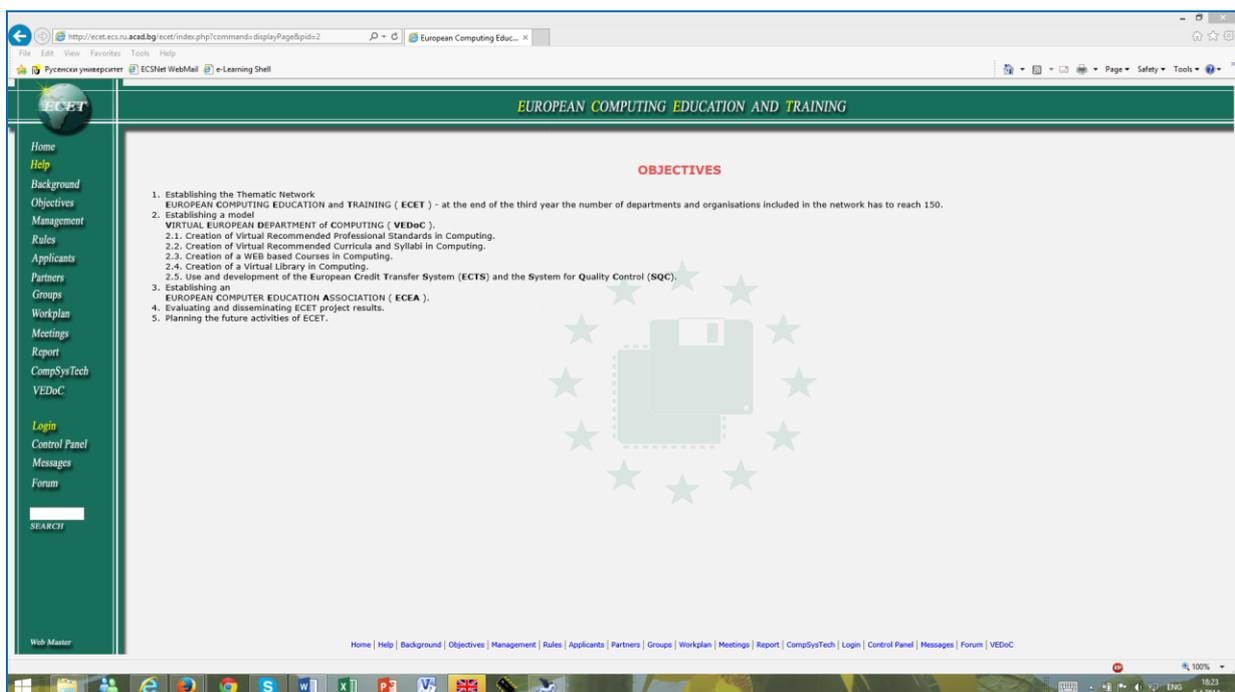
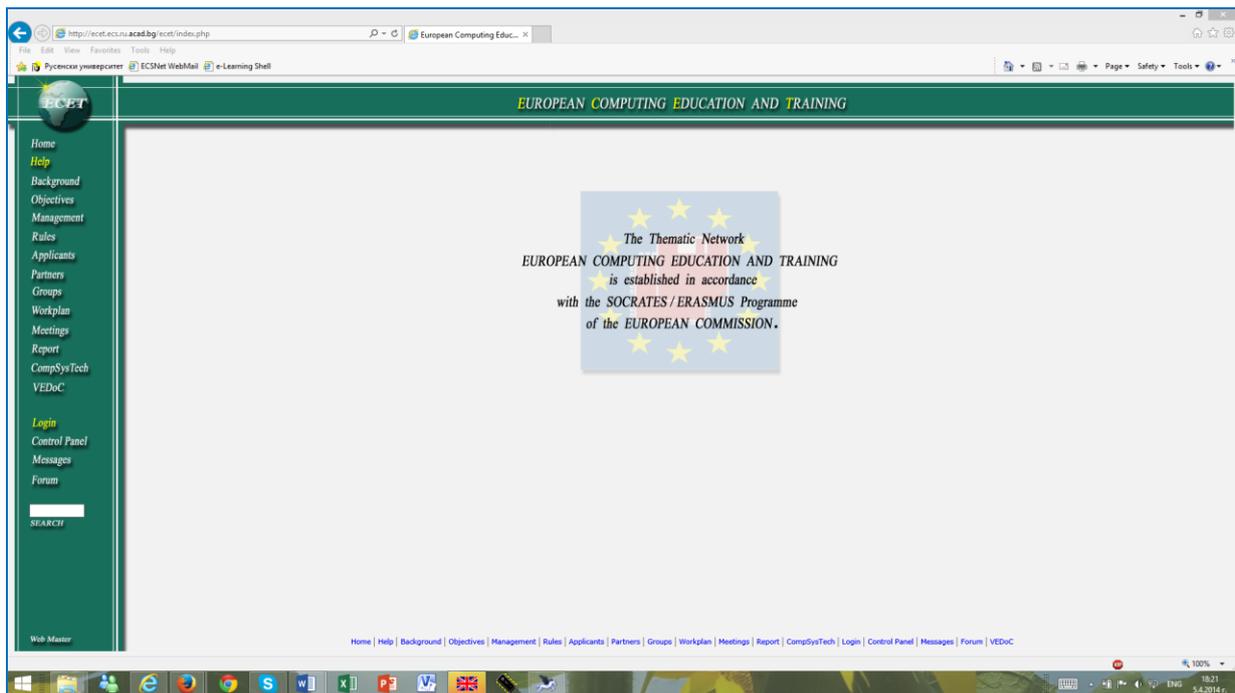
THE HISTORY OF A SMALL EUROPEAN FAMILY

213871-CP-1-2001-1-BG-ERASMUS-TN EUROPEAN COMPUTING EDUCATION AND TRAINING (ECET)

71 Partners' Institutions in 30 European Countries

2002 - 2004

<http://ecet.ecs.ru.acad.bg/ecet>



LIST OF PARTNERS

1. AUSTRIA

Technical University of Vienna

2. BELGIUM

BIKIT

University of Ghent

Vartec nv

3. BULGARIA

ACMBUL Bulgarian Chapter of the Association for Computing Machinery

ASL in CST

Bulgarian Association of Information Technology (BAIT)

Bulgarian Branch Association of Electronic Industry and Informatics (BBAEII)

Bulgarian Academy of Sciences - Central Laboratory for Parallel Processing

IEEE Bulgaria Section

Technical University of Sofia

Technical University of Varna

Technical University of Gabrovo

University of Veliko Turnovo

University of Rousse

4. CYPRUS

University of Cyprus

5. DENMARK

Aalborg University

6. ESTONIA

Tallinn Technical University

7. FINLAND

Lappeenranta Technology University

University of Turku

8. FRANCE

National Institute of A. S., Rennes

UVSQ

9. GERMANY

Artur Speer Akademie

Comhard Gesellschaft für Computer Kommunikation Bildung mbH

University of Applied Sciences Berlin (FHTW)

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University of Ioannina

11. HUNGARY

University of Szeged

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Reykjavik University

13. IRELAND

Dublin City University

National College of Ireland

University College Dublin

14. ITALY

Pavia University

Palermo University

15. LATVIA

Riga Technical University

Vidzeme University College

16. LIECHTENSTEIN

University of Applied Sciences Liechtenstein

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Kaunas University of Technology

Vilnius Gediminas Technical University

Vytautas Magnus University

18. MALTA

University of Malta

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Norwegian University of Science and Technology

20. POLAND

Warsaw University

21. PORTUGAL

Coimbra University

New University of Lisbon

22. ROMANIA

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University of Pitesti

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University of Ljubljana

Nova Gorica Polytechnic

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Polytechnic of Madrid
University of La Laguna
University of Malaga
Polytechnic of Valencia
University of Almeria

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Hogeschool Rotterdam
Leiden University

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Comenius University of Bratislava
Slovak University of Technology
University of Constantine the Philosopher, Nitra

29. TURKEY

Bilkent University
Middle East Technical University
Kocaeli University
Selcuk University

30. UNITED KINGDOM

Leeds Metropolitan University
Liverpool John Moores University
University of Plymouth
University of Ulster

THE HISTORY OF A SMALL EUROPEAN FAMILY

2002, RUSE



2002, SOFIA



THE HISTORY OF A SMALL EUROPEAN FAMILY

2002, VIENNA



2002, LARNAKA



THE HISTORY OF A SMALL EUROPEAN FAMILY

2003, SOFIA



2003, BERLIN



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2004, RUSE



2004, BRUSSELS



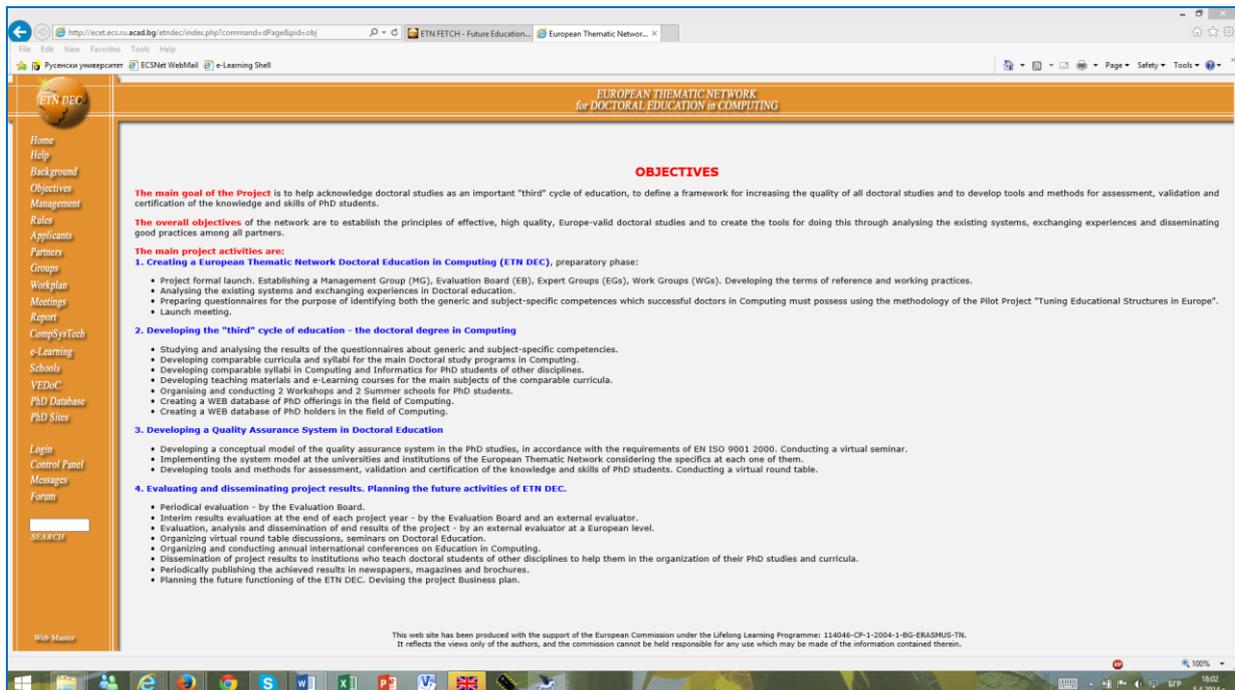
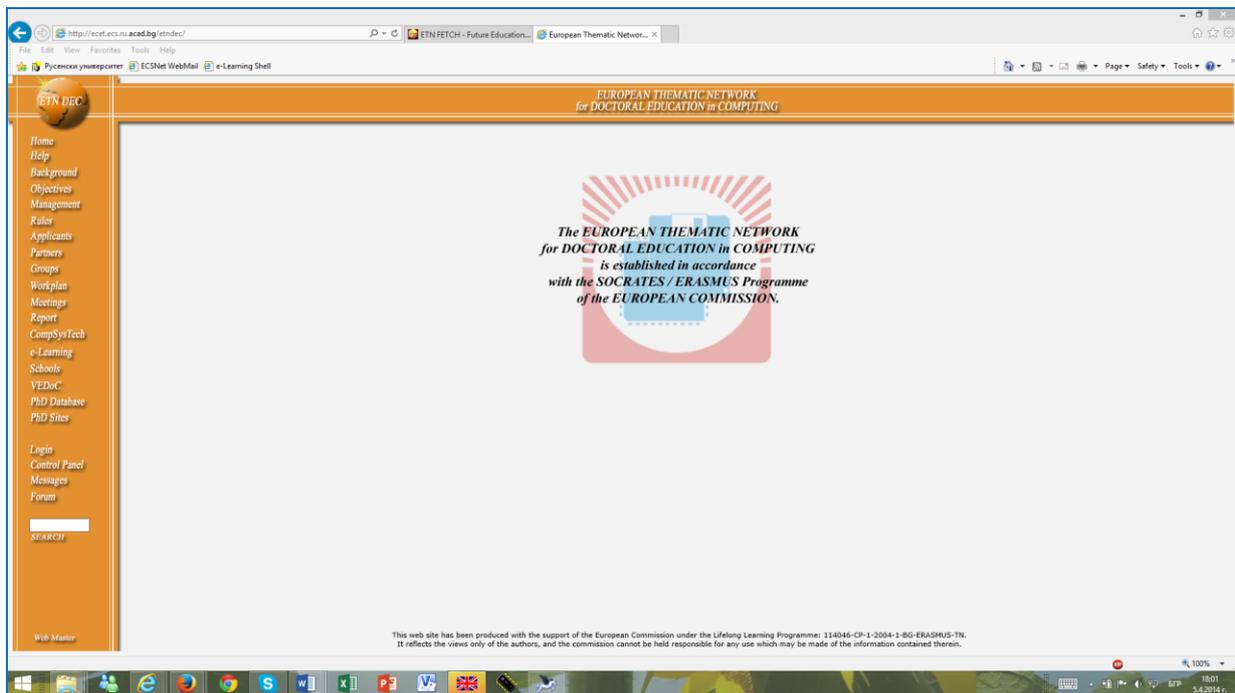
THE HISTORY OF A SMALL EUROPEAN FAMILY

PROJECT 114046-CP-1-2004-1-BG-ERASMUS-TN EUROPEAN THEMATIC NETWORK FOR DOCTORAL EDUCATION IN COMPUTING (ETN DEC)

69 Partners' Institutions in 30 European Countries

2005 - 2007

<http://ecet.ecs.ru.acad.bg/etndec/>



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1. AUSTRIA

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- **Institute of Computer and Communication Systems**

- **Institute of Information Technologies**

- **Institute of Mathematics and Informatics**

- **Institute for Parallel Processing**

Bulgarian Association of Information Technology (BAIT)

Bulgarian Branch Association of Electronic Industry and Informatics (BBAEII)

Higher Attestation Commission

IEEE Bulgaria Section

Sofia University

Technical University of Gabrovo

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Technical University of Varna

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Dublin City University

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Palermo University
Pavia University
University of Calabria

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Riga Technical University

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Vilnius Gediminas Technical University
Vytautas Magnus University

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Slovak University of Technology
University of Constantine the Philosopher, Nitra

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Bilkent University
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Selcuk University

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University of Ulster

THE HISTORY OF A SMALL EUROPEAN FAMILY

2005, VARNA



2005, BERLIN



THE HISTORY OF A SMALL EUROPEAN FAMILY

2006, VELIKO TYRNOVO



2006, COIMBRA



THE HISTORY OF A SMALL EUROPEAN FAMILY

2007, RUSE



2007, ISTANBUL





THE HISTORY OF A SMALL EUROPEAN FAMILY

PROJECT 142399-LLP-1-2008-1-BG-ERASMUS-ENW „TEACHING, RESEARCH AND INNOVATION IN COMPUTING EDUCATION” (ETN TRICE)

Members from 70 Partners' Institutions in 31 European Countries

2009 - 2011

<http://trice.ecs.ru.acad.bg/>

The screenshot shows the homepage of the TRICE website. The browser address bar displays <http://trice.ecs.ru.acad.bg/>. The page title is "TEACHING, RESEARCH and INNOVATION in COMPUTING EDUCATION". A central graphic features a sunburst design with the text: "The Thematic Network TEACHING, RESEARCH and INNOVATION in COMPUTING EDUCATION is established in accordance with the ERASMUS Programme of the EUROPEAN COMMISSION". A left-hand navigation menu lists various sections: Home, Summary, Aims & Objectives, Work packages, Project outputs, Management, Rules, Partners, Groups, Workplan, Meetings, Report, CompSysTech, e-Learning, VNIETC, InfoSys, SEIF, Degree projects, Login, Control Panel, Shared Documents, and Forum. Below the navigation menu is a search bar. The main content area is titled "NEWS & UPCOMING EVENTS" and lists several news items with dates and brief descriptions, such as "CompSysTech'11 Proceedings - ACM ICPS Vol. 578" dated 19 September 2011 and "Final project meeting and e-Learning'11" dated 06 July 2011. The Windows taskbar at the bottom shows the system clock as 16:08 on 5.8.2014.

The screenshot shows the "Summary" page of the TRICE website. The browser address bar displays <http://trice.ecs.ru.acad.bg/index.php?cmd=cmsPage&pid=2>. The page title is "TEACHING, RESEARCH and INNOVATION in COMPUTING EDUCATION". The left-hand navigation menu is identical to the homepage. The main content area is titled "Summary" and contains three sections: "Reasons:", "Outcomes and products:", and "Impact:". The "Reasons:" section lists three bullet points regarding the fast-changing domain of computing, the project consortium's success, and the proposal's role as a prerequisite. The "Outcomes and products:" section lists nine numbered items, including analysis of links between education and research, updated curricula, a virtual network of educational centers, assessment parameters, research databases, international e-learning conferences, and a student job-factory. The "Impact:" section lists four numbered items, including encouraging students to do research, developing attitudes towards innovation, strengthening higher education, and offering a new relationship between industry and education. At the bottom of the page, a footer states: "This web site has been produced with the support of the European Commission under the Lifelong Learning Programme: 142399-LLP-1-2008-1-BG-ERASMUS-ENW. It reflects the views only of the authors, and the commission cannot be held responsible for any use which may be made of the information contained therein. The web site has been visited 213933 times since 10 November 2010." The Windows taskbar at the bottom shows the system clock as 16:34 on 5.8.2014.

LIST OF PARTNERS

1. AUSTRIA

Vienna University of Technology

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Bulgarian Academy of Sciences:

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- **Institute of Mathematics and Informatics**

Bulgarian Association of Information Technology

Bulgarian Branch Association of Electronic Industry and Informatics (BBAEII)

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International Business School

Sofia University

Technical University of Gabrovo

Technical University of Sofia

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Europorot

GFaI

IIEF GmbH
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Pavia University
University of Calabria
University of Palermo

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Riga Technical University

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SC PROSOFT SRL
University of Pitesti

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University of Nova Gorica
Temida ltd.

25. SPAIN

University of La Laguna
University of Malaga

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Bilkent University
Selcuk University

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Liverpool John Moores University

THE HISTORY OF A SMALL EUROPEAN FAMILY

2009, RUSE



2009, BERLIN



THE HISTORY OF A SMALL EUROPEAN FAMILY

2010, SOFIA



2010, RIGA



THE HISTORY OF A SMALL EUROPEAN FAMILY

2011, VIENNA



2011, BUCHAREST





THE HISTORY OF A SMALL EUROPEAN FAMILY

PROJECT 539461-LLP-1-2013-1-BG-ERASMUS-ENW “FUTURE EDUCATION AND TRAINING IN COMPUTING: HOW TO SUPPORT LEARNING AT ANYTIME ANYWHERE” (ETN FETCH)

Members from 67 Partners' Institutions in 35 European Countries

2013 - 2016

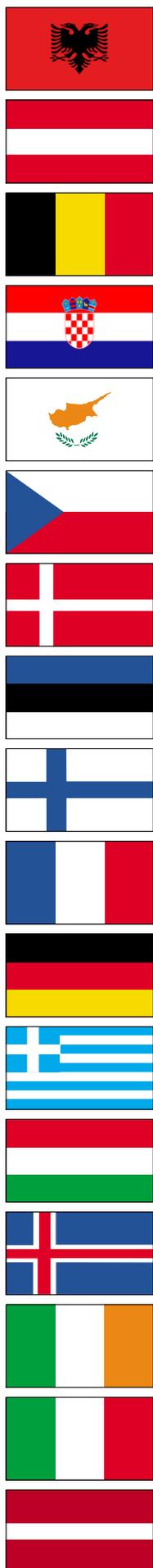
<http://fetch.ecs.uni-ruse.bg>

The screenshot shows the homepage of the ETN FETCH website. The browser address bar displays "http://fetch.ecs.uni-ruse.bg/". The page features a dark red header with the title "Future Education and Training in Computing: How to support learning at anytime anywhere". A navigation menu on the left includes links for Home, News, Summary, Aims & Objectives, Work Packages, Management, Rules, Partners, Groups, Workplan, Meetings, Report, CompSysTech, e-Learning, Login, Control Panel, Shared Documents, and Forum. The main content area is titled "NEWS & UPCOMING EVENTS" and lists three items: "First project meeting" (23 February 2014), "Paper submission of CompSysTech'14 and AHPISDME workshop is now open" (22 February 2014), and "CompSysTech'13 Proceedings - ACM ICPS Vol. 767" (22 February 2014). A central graphic shows a computer monitor and keyboard within a red circular frame. At the bottom, a footer states: "This web site has been produced with the support of the European Commission under the Lifelong Learning Programme: 539461-LLP-1-2013-1-BG-ERASMUS-ENW. It reflects the views only of the authors, and the commission cannot be held responsible for any use which may be made of the information contained therein. The web site has been visited 2226 times since 27 February 2014."

The screenshot shows the "Summary" page of the ETN FETCH website. The browser address bar displays "http://fetch.ecs.uni-ruse.bg/index.php/cms/cmsPage&pageid=2". The page features a dark red header with the title "Future Education and Training in Computing: How to support learning at anytime anywhere". A navigation menu on the left is identical to the homepage. The main content area is titled "Summary" and contains the following sections:

- Reasons:**
 - In order to respond to:
 - ET2020 - the consortium will develop a European Strategic Framework for Computing Education and Training 2020 (ESFCET 2020), which will form a solid, global strategic framework that leverages local and transnational competences to enhance Computing Education in Europe.
 - European Qualification Framework - ETN FETCH will develop a European Evaluation Framework in Computing Education and Training 2020 (EEFCET 2020), which will evaluate the three factors: Knowledge, Skills and Competences gained from Computing Education and Training.
 - The Tuning Methodology - the project will prepare recommendations for future Digital Curricula in Computing Education and Training 2020 (DCET 2020).
 - Introducing modern innovative technologies in education - new didactical theories and learning models for using social media in education will be developed.
- Main project outcomes and products:**
 - ETN FETCH "Future Education and Training in Computing: How to support learning at anytime anywhere".
 - European Strategic Framework for Computing Education and Training 2020 (ESFCET 2020).
 - European Evaluation Framework in Computing Education and Training 2020 (EEFCET 2020).
 - A set of recommendations for future Digital curricula in Computing Education and Training 2020.
 - New didactical theories and learning models for using social media in education.
 - Six conferences with co-event workshops in the field of computing.
 - Publications of the results in journals, newspapers, magazines, brochures and web sites.
 - Internal and external evaluation reports.
- Impact:**
 - The project products will be of benefit for all actors in Computing education like
 - University and national policy-makers in the field of Computing education;
 - University academic staff who are lecturers/trainers in Computing;
 - Bachelor, Master & Doctoral Students;
 - Research institutes and centres in Computing;
 - Companies and SMEs in the field of Computing.
 - The project will change the methodology of training computer specialists, will apply most modern technologies in education, and will promote closer cooperation between universities, research institutes and industry.

At the bottom, a footer states: "This web site has been produced with the support of the European Commission under the Lifelong Learning Programme: 539461-LLP-1-2013-1-BG-ERASMUS-ENW. It reflects the views only of the authors, and the commission cannot be held responsible for any use which may be made of the information contained therein. The web site has been visited 2227 times since 27 February 2014."



Lifelong
Learning
Programme



**EUROPEAN THEMATIC
NETWORK**

**"FUTURE EDUCATION AND TRAINING
IN COMPUTING:
HOW TO SUPPORT LEARNING
AT ANYTIME ANYWHERE"
(FETCH)**

**MEMBERS
FROM 67 UNIVERSITIES AND COMPANIES
IN 35 EUROPEAN COUNTRIES**

**COORDINATOR:
UNIVERSITY OF RUSE**



01.10.13 - 30.09.16

**THE MAIN OBJECTIVES OF THE PROJECT
ARE TO INTRODUCE INNOVATIVE TECHNOLOGIES IN
EDUCATION, DEVELOP AN INTEGRATED ENVIRONMENT FOR
COMPUTING EDUCATION, WHICH INCLUDES CURRICULA,
SYLLABI, E-LEARNING, RESOURCES, STUDENT EXHIBITION
FORUMS, WHICH WILL SIGNIFICANTLY RAISE EDUCATION
QUALITY. IT WILL ALSO PROPOSE A SET OF
RECOMMENDATIONS FOR FUTURE DIGITAL CURRICULA IN
COMPUTING EDUCATION AND TRAINING 2020 AND WILL
DEVELOP NEW DIDACTICAL THEORIES AND LEARNING
MODELS FOR USING SOCIAL MEDIA IN EDUCATION.**



THE HISTORY OF A SMALL EUROPEAN FAMILY

LIST OF PARTNERS

Partner number	Country	Legal name
P1	Bulgaria	“Angel Kanchev” University of Ruse
P2	Austria	Vienna University of Technology
P3	Belgium	BIKEMA-Gent
P4	Belgium	VARTEC NV-Gent
P5	Bulgaria	Sofia University “St. Kliment Ohridski”
P6	Bulgaria	Technical University of Sofia
P7	Bulgaria	Technical University of Varna
P8	Bulgaria	Technical University of Gabrovo
P9	Bulgaria	University of Veliko Turnovo
P10	Bulgaria	University of Plovdiv
P11	Bulgaria	University of Library Science and Information Technologies
P12	Bulgaria	International Business School
P13	Bulgaria	Institute of Information & Communication Technologies
P14	Bulgaria	Institute of Mathematics and Informatics
P15	Bulgaria	IEEE Bulgaria Section
P16	Bulgaria	BAIT
P17	Cyprus	University of Cyprus
P18	Czech Republic	Czech Technical University
P19	Denmark	Aalborg University
P20	Estonia	Tallinn University of Technology
P21	Finland	Lappeenranta University
P22	Finland	University of Tampere
P23	France	University of Versailles
P24	Germany	HTW Berlin
P25	Germany	Ilmenau Technical University
P26	Germany	Comhard Berlin
P27	Germany	GFaI Berlin
P28	Germany	IIEF GmbH
P29	Greece	University of Ioannina
P30	Hungary	University of Szeged
P31	Ireland	Dublin City University
P32	Italy	University of Calabria
P33	Italy	University of Pavia
P34	Italy	University of Palermo
P35	Italy	University of Napoli Parthenope
P36	Italy	Anghelos CCS
P37	Latvia	Riga Technical University
P38	Lithuania	Vilnius University
P39	Lithuania	Kaunas University of Technology

THE HISTORY OF A SMALL EUROPEAN FAMILY

P40	Lithuania	Vilnius Gediminas TU
P41	Luxembourg	University of Luxembourg
P42	Malta	University of Malta
P43	Netherlands	Delft University of Technology
P44	Poland	Warsaw University
P45	Portugal	University of Coimbra
P46	Romania	Academy of Economic Studies
P47	Romania	University of Pitesti
P48	Slovakia	Slovak University of Technology
P49	Slovenia	University of Nova Gorica
P50	Slovenia	Temida Ltd.
P51	Spain	University of La Laguna
P52	Spain	University of Malaga
P53	Sweden	Linnaeus University
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P55	United Kingdom	Heriot-Watt University
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P63	The Former Yugoslav Republic of Macedonia	South East European University, Tetovo
P64	Turkey	Selcuk University
P65	Turkey	University of Bahcesehir
P66	Turkey	Izmir University of Economics
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The Manager



THE HISTORY OF A SMALL EUROPEAN FAMILY

SOCIAL EVENTS



THE HISTORY OF A SMALL EUROPEAN FAMILY

THE COORDINATOR UNIVERSITY OF RUSE BULGARIA

7017 Ruse, 8 Studentska str.
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TRADITIONS AND INNOVATIONS

