

INTERNATIONAL CONTRIBUTIONS



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Newly Associated Countries

INTERNATIONAL CONTRIBUTIONS

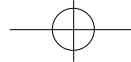
Newly Associated Countries

The following countries have a stand and are fully participating Partner countries within the IST Programme: Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia and Slovenia.

Potential partner organisations within these countries have important information and telecommunications R&D resources, facilities and intellectual knowledge covering a wide spectrum of the interests specified in the IST Work Programme.

These resources have been successfully demonstrated through participation in the Esprit and Copernicus initiatives within the Fourth Framework Programme and in the first Call for Proposals of the Fifth Framework Programme.

Visit this Pavilion if you are looking for a project partner for the IST Programme. Representatives of each country will be present on their stands to provide information on the institutions, universities and industrial organisations that are active in R&D in the domains covered in the IST Programme. There are also demonstrations of the results of earlier projects.



Newly Associated Countries

BULGARIA

The following demonstrations are being shown on the Bulgaria stand

- * Advanced programming tools for planning and design of computerised teaching courses. Emphasis is put on the pedagogical aspects - learning goals and how to achieve them by an appropriate definition of the learning content and its structure.
- * Centre of Excellence in Information Society Technologies. This is a project under the preliminary call for proposals for EC Fifth Framework Programme. Proposer: Sofia University.
- * DAXY32 - electronic publishing software with a text-to-speech engine, providing talking books and multilingual self-education facilities for visually disabled people. Demonstrated by InterClip Ltd. (www.daxy.com)
- * MALL2000: Mall for On-Line Business beyond the Year 2000, INCO Copernicus Project 977041. Demonstrated by the Department of Information Technology, Faculty of Mathematics and Informatics, Sofia University and Virtech Ltd.
- * MarkALISTER - a system for automatic alignment and search of bilingual translation equivalents in arbitrary parallel texts. Funded by the EC under the Copernicus 94 initiative. BILEDITA 790 and GLOSSER 343 JRP. By the Bulgarian Academy of Sciences, Central Laboratory for Parallel Processing (www.lml.bas.bg).
- * System for telework Support on Internet, a project under the preliminary Call for Proposals for EC Fifth Framework Programme. Performed by the Bulgarian telework Association and Department of Information Technology, Faculty of Mathematics and Informatics, Sofia University.
- * Web-based distance learning courses - virtual learning environment.

Contact Kiril BOYANOV
Bulgarian Academy of Sciences
tel +358 9 451 3385
fax +358 9 451 5253
email Kiril.Boyanov@tcm.hut.fi

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CZECH REPUBLIC

The proposed demonstrations on the Czech Republic stand are:

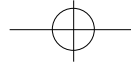
- * GIN - notebook with Synthetic Speech Output for Blind Users.
- * A Security and Supervising System for monitoring of buildings and vehicles (e.g. cars) - using a digital camera and with the images being transferred via GSM.
- * The 3D Virtual Museum of SKODA AUTO in Mlada Boleslav.
- * A 3D presentation of 'Virtual Prague'. Prague is the European City of the Year 2000.

A printed guide: 'Czech Republic - IST possible partners, expertise and contacts' - is available. Experts for the IST key actions will be available for discussions.

The following organisations are participating on the Czech Republic stand:

The Technology centre AS CR - the National Contact Point, The Institute of Information Theory and Automation AS CR, and two SMEs - I.C.E. Limited, an IST 99 prize winner, and Trimedia.

Contact	Eva HILLEROVA Technology Centre AS CR
tel	+420 2 203 90 341
fax	+420 2 333 21 607
email	Hiller@tc.cas.cz
website	www.tc.cas.cz



Newly Associated Countries

ESTONIA

On the stand of Estonia, innovative projects, which contribute to Estonia's information society developments, are being demonstrated. These are:

- * General status of information technologies in Estonia. The information includes a continuously updated directory of IT R&D actors in Estonia. The website www.IST99.ee will be opened at the beginning of IST 99 and there is also the website www.esis.ee. There are statistics of computer, mobile phone and Internet usage by the population in Estonia. The subject also has an overview of Estonian R&D Institutions, main computer industries and intermediate organisations (innovation centres, etc.).
- * IT services for citizens. This subject includes the main government information resources, including those of the Estonian Parliament as well as the State Chancellery and on-line legal information. There are state, municipal and tourist information services on the Internet and information on Public Internet Access Points and digital towns with citizen and tourist information which is also on the Internet.
- * IT projects in research and education. Under this heading there are the results of European RTD projects with Estonian participation as well as the European Computer Driving Licence project as extended to Estonia. There are the Computer mediated Distant Education projects, Open University - Life Long Learning in traditional universities and the introduction of computers into schools: Visitors may also learn about Tiger Leap and PHARE Information Systems in Education with The Estonian Educational and Research Network.
- * Electronic commerce. This area covers electronic banking, on-line shopping; and security systems in computer networks.

Representatives of the Archimedes Foundation, which co-ordinated the arrangements for the Estonian stand, are available.

Contact Marek TIITS
Archimedes Foundation

tel +372 7 300 326
fax +372 7 300 336
email ist99@ibs.ee
website www.esis.ee

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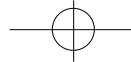
HUNGARY

The demonstrations on the stand of Hungary include the following selection of ICT applications co-funded by the National Committee for Technological Development:

- * A Hungarian email reader
- * Navigation and route optimisation with the National Road Management Information System
- * On-line information services of a City Hall
- * Information services for Agriculture
- * A Multimedia presentation of meteorological data for TV
- * Multimedia access to the Hungarian Folk music Archives.
- * 3D simulations for military exercises
- * Picture postcard of Szeged
- * Medieval capital and surrounding
- * Mobil hybrid reader for the visually disabled
- * Metadata service on spatial data for the land registry and for the public administration (FISH + METATER)
- * Architectural heritage in the MM archive of Debrecen

Contact Vilmos BOGNAR
National Committee for
Technological Development

tel +36 1 318 41 01
fax +36 1 318 41 30
email vilmos.bognar@omfb.x400gw.itb.hu
website www.omfb.hu



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LATVIA

The stand of Latvia is demonstrating comprehensive aspects of IT - research, education, software developments and applications. There are also examples of international co-operation, a topic that includes offers of collaboration from companies and organisations:

- * Latvian participation in EC IT related Programmes, particularly in the Fifth Framework Programme.
- * Latvian Education Informatisation on System (LIIS) - applied technologies (informatisation on grid, integration of Lotus Notes, Oracle databases, MS Office applications) and teaching aids for schools.
- * Distance education study multimedia tools and Web-based learning courses (e.g. Business Planning for Open Markets).
- * Developments (GRADE Modeller 4.0, mini-GRADE, Graphical Diagramming Engine, Editor Factory etc.).
- * Service offers (strategic consulting, system analysis, design, maintenance and development of customer oriented IT systems).
- * Co-operation and collaboration opportunities (Language Localisation, On-Line Dictionaries and Encyclopaedia, etc.).
- * Corporate state-wide information mega-system (linking various registers and databases).

The following organisations are participating in the Latvian stand: Latvian Technological Centre, FEMIRC-Latvia, University of Latvia, Institute of Mathematics and Computer Science, Riga Technical University, the Corporation DATI Grupa and ILDE Ltd.

Contact	Juris BALODIS
	Latvian Technological Centre
tel	+371 7 558 746
fax	+371 7 540 709
email	jbalodis@latnet.lv
website	www.innovation.lv

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LITHUANIA

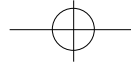
A variety of projects, which are contributing to the development of the information society in Lithuania, will be demonstrated on the stand. Representatives of the Association InfoBalt (Association of Information Technology, Telecommunications and Office Equipment Companies of Lithuania) are present and are in a unique position to supply stand visitors with information on the Information Technologies sector in Lithuania.

The Association InfoBalt was founded in July 1994 to help with Lithuania's transition to market economy whilst representing the interests of country's IT and telecommunications companies. Currently the Association has 133 member companies. These companies cover at least 85 per cent of the Lithuanian computing, information systems and the office equipment market.

The Association InfoBalt has the following missions:

- * provide a unified representation for Lithuanian ICT companies
- * co-operate with governmental and public organisations, in Lithuania and abroad, to promote the growth of the ICT market as a priority within the overall growth of the country's economy.
- * work with organisations in the other Baltic states and to organise joint projects
- * support the creation of Information Society projects in Lithuania and maintain close relations with all organisations which have an interest in the development of the Information Society
- * organise the annual trade fair INFOBALT and represent Lithuania in trade fairs and conferences in other countries
- * carry out Market Research into the ICT and office equipment market in Lithuania and analyse the development trends.
- * publish the annual catalogue of Lithuanian IT&C companies.
- * publish an annual magazine INFOBALT LAIKAS and e-magazine INFOBALT ONLINE about the Information Society and the IT&C market in Lithuania
- * produce the TV programme "@@" about the Information Society and the IT&C market in Lithuania
- * take part in Copyright agency projects and the protection of intellectual property rights in IT&T area

Contact	Dziugas JUKNYS
	Association Infobalt
tel	+370 2 315 011
fax	+370 2 315 013
email	office@infobalt.lt
website	www.infobalt.lt



Newly Associated Countries

POLAND

The following activities are being demonstrated on the Poland stand.

- * The National Cluster of Supercomputers: This includes the LSF Cluster Infrastructure and dedicated applications server together with the Virtual User Account System which offers decreased administrative overheads for users of the National Cluster. There is also the 'Libraries dLibra' software tools for building and managing multimedia content in digital libraries. These demonstrations are by the Poznan Supercomputing and Networking Centre
- * The goals, history and current status of the Internet for Schools programme. This is by the University Centre for Technology Transfer, Warsaw University
- * A scientific research centre providing information services to the community. This is Internet access to scientific databases, scientific software licences and weather forecasts. By the Interdisciplinary Centre of Mathematical and Computational Modelling, Warsaw University
- * A professional development programme. By the International Centre for Information Management, Systems and Services (ICIMSS), Nicolas Copernicus University in Toru which develops the Information Society by residential and distance, life long education for librarians and information specialists.
- * Electrical Impedance Tomography (EIT); 3D imaging of breast cancerous tissues and efficiency estimation of surgical and transplant operations. By the Technical University of Gdansk, Faculty of Electronics, Telecommunication and Informatics.
- * Internet and its Influence on Management: A demonstration by the Institute of Management, Jagiellonian University in Kraków
- * A co-operative system for technology transfer between scientific institutions and industrial organisations, including SMEs. By FEMIRC - Fellow Member of the EU Innovation Relay Centres
- * A project fostering academic and industrial co-operation in the European IT field. Presented of the CRIT 2 project (Co-operative Research in Information Technology).

Contact Borys CZERNIEJEWSKI
The State Committee for Scientific Research
tel +48 22 625 51 51
email borys@kbn.gov.pl
website www.kbn.gov.pl

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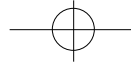
ROMANIA

The stand for Romania is showing the following demonstrations.

- * Models' Library for Simulation and Control of Environmental Systems EDIPA and Electronic Data Interchange between Port Administrations. By the National Institute for Research and Development in Informatics - ICI.
- * FEA - Field emitter arrays, technology, materials and applications and PROBE - The multi-channel microprobe for recording /stimulation of neural activity. By the National Institute for Research and Development in Microtechnology - IMT.
- * GIS-PC - Integration of GIS, hypertext and multimedia elements for public services purposes. Site of demonstration - Bucharest. By the Institute for Computers - ITC
- * SIMFOR - Data acquisition and monitoring system for survey or oil drilling. By the Institute for Automatisation - IP A - CCITT.

Also represented on the stand are Software ITC and KAPPA SA.

Contact	Romeo ILLIE National Institute for Research and Development in Informatics
tel	+40 1 224 01 57
fax	+40 1 224 05 39
email	romeo@ir3.ici.ro
website	ir3.ici.ro/siap



Newly Associated Countries

SLOVAKIA

Visitors to the Slovakia stand can obtain information about:

- * technology trends, the requirements and potential of Slovakia in the IST technology domains
- * enterprises and institutions wishing to collaborate within the IST Programme
- * the national infrastructure for promoting and supporting the IST Programme and the search engine which helps organisations to find potential partners in Slovakia

Representatives of Slovak Universities, Research Institutes and of SME's are present at the stand.

Contact	Daniel DONOVAL Slovak Univ. of Technology,
tel	+421 7 602 91 358
fax	+421 7 654 23 486
email	donoval@elf.stuba.sk
website	www.kme.elf.stuba.sk/kme

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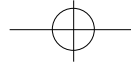
SLOVENIA

Several organisations and companies are present on the Slovenia stand. They will be showing and demonstrating the following systems.

- * A demonstration of distributed events sessions with the participation of the Slovenian Parliament that are performed via high quality video-conferences run through an ATM network. Visitors may see a recorded session in the Slovenian Parliament supported by high quality CSWC and an audio-video conferencing system. The demonstration is by the Laboratory for Open Systems and Networks
- * Business Geographical Information Systems (GIS) support business functions, such as strategic planning, transport, decision-making, delivery and marketing. Business GIS applications have been developed for in property, health care, insurance, banking tourism and leisure. The demonstration is by Ascent
- * There is information and a display on marketing, development and production of complex digital telephone exchanges for public telecommunication operators (national telecommunication carriers) and enterprises for domestic and international markets. This display is by Iskratel
- * The SXIMedic system is a modular information system for collecting, processing, archiving and distributing medical data. The unique design makes it possible to combine various kind of data (text, tables, pictures, audio,) into one system. This display is by S-Soft Engineering.
- * A showing of software solutions for multimedia support in the Intranet and Internet environment, will be made by Triglif.
- * A display of computer based spatial information systems with conversion to data and integration of data bases. On show is a three-dimensional Slovenian atlas. This is by Global Vision
- * A demonstration shows the development, operation and management of the communication and information network for education and research. This is promoting national and international co-operation in the field of teaching and research with the most up-to-date means of communication available. This demonstration is by Arnes which is part of a European data communication network for higher-level education and scientific research.

Representatives from Slovenia are available on the stand.

Contact	Rajko SABO Ministry of Science and Technology
tel	+386 61 17 84-600
fax	+386 61 17 84-719
email	rajko.sabo@mzt.si
website	www.mzt.si



Other International Contributions

INTERNATIONAL CONTRIBUTIONS

Other International Contributions

During Framework Programme 4 the Commission started to conclude Scientific and Technical agreements with countries outside the European Union to further international co-operation. Recently the IST programme has concluded funding arrangements with some additional countries and funding agencies.

Funding arrangements differ considerably from country to country. Information regarding participation and funding arrangements for organisations outside the EU can be found on: <http://www.cordis.lu/ist/int/home.html>

In the International Contributions area the following countries are represented:

- Argentina
- Australia
- Brazil
- Canada
- Israel
- South Africa
- Turkey

Other International Contributions

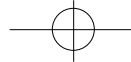
AUSTRALIA

The stand will project Australia's capabilities in information society technologies and its interest in working with Europe in this sector. The purpose is to encourage partnerships between organisations in Australia and Europe for research and development.

Australia has considerable research and industrial expertise in information and communication technologies. Australian companies, universities and other organisations are keen to work with similar institutions in Europe to develop new technologies and solutions to meet the needs of the world information society.

The Department of Industry, Science and Resources and The Australian Information Industries Association have representatives on this stand. There are also other Australian companies and organisations including hardware and software companies in a range of fields, universities and co-operative research centres.

Contact	Karl BAIGENT Dept of Industry, Science and Resources
tel	+61 2 6213 7113
fax	+61 2 6213 6388
email	karl.baigent@isr.gov.au
website	www.isr.gov.au



Other International Contributions

BRAZIL

PRODNET-II is being demonstrated on the Brazil stand. This is Production Planning and Management in an Extended Enterprise and the international co-operation project is for three years (October 1996 to September 1999). It is supported by the European Union and by the CNPq (The National Council for Scientific and Technological Development).

The project has the objectives of designing and developing an open platform with the IT protocols and mechanisms to support industrial virtual enterprises with special focus on the needs of small and medium sized enterprises (SMEs). PRODNET-II focuses on the means to inter-operate with several value chain networks employing new emerging standards and advanced technologies in communication, cooperative information management and distributed decision making.

On the stand there is Information on ProTeM-CC, the Thematic Multi-institutional Programme in Computer Science which started at the end of 1990. International co-operation activities are focused on research and development projects and training specialists at post-graduate level. The Programme supports 21 projects, with total funding of US\$7.7 million. Besides the budget resources of CNPq, the programme also counts on the support of the United Nations Development Programme (UNDP).

ProTeM-CC currently involves 29 Brazilian Universities, 4 Research Centres, and 12 industrial partners. The Programme is strongly based on a partnership philosophy and is supporting joint research and development projects in Cuba, USA and some countries from the European Community.

On the stand, Brazil is represented by CNPq. This is The National Council for Scientific and Technological Development which was responsible for the stand organisation.

Contact	Rosa Maria Vicari ProTeM-CC/CNPq
tel.	+55 51 316 6801
fax	+55 51 319 1576
email	rosa@inf.ufrgs.br

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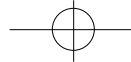
CANADA

The Canada stand brings together Canadian partners from government, research organisations and industry who have expressed a keen interest in collaborating with Europeans funded under the IST Programme. Contacts, leads and brochures will be provided at the stand.

For European R&D organisations, entering into partnerships with Canadian organisations, means that research, technology development and demonstration results can be achieved faster, at lower cost and reach more users in different markets and contexts. Canadian researchers are reliable partners in science, technology and innovation. We have many ideas for new collaborative projects within IST combining Canadian and European resources for the best results. In most cases, the Internet is all that is needed to make distance irrelevant.

The following organisations are participating on the Canadian stand: Alliance for Converging Technologies, Canadian Network for the Advancement of Research, Industry and Education (CANARIE), Canadian Networks of Centres of Excellence, Communications Research Centre, Industry Canada, National Research Council of Canada - Institute for Information Technology and Industrial Research Assistance Programme.

Contact	Donna JACKSON Information and Communications Technologies Industry Canada
tel	+613 991 1963
fax	+61 3 990 4215
email	jackson.donna@ic.gc.ca



Other International Contributions

ISRAEL

Representatives of ISERD, who organised the Israel stand, are present throughout the exhibition to meet and assist visitors. ISERD plays a vital role in future policy and collaborative efforts between Israel and the European Union on RTD programmes and is therefore in a prime position to provide advice to visitors to the stand and to assist in finding partners for collaborative research under the IST Programme.

ISERD'S mission is to disseminate information about European Union's RTD programmes, industrial co-operation, partnership search and training, and to serve as Israel's official National Contact Point (NCP) with the EU. ISERD encourages European and Israeli corporations and organisations wishing to conduct research within the Fifth Framework Programme or publish information within the programme, to do so through ISERD.

ISERD actively provides information, advice and guidance to Israel's RTD community in industry and research institutions on all matters pertaining to submitting proposals to EU RTD Framework Programmes. ISERD organises events such as seminars, conferences, and newsletters as well as providing information on the Internet.

It also organises training sessions on RTD programmes for intermediaries and information multipliers to guarantee high quality consulting and advisory services. These services are offered to any organisation or individual.

ISERD was established in 1996 to implement the agreement on Research and Technology Development (RTD) co-operation between the European Union and Israel. ISERD is a non-profit organisation created by the Ministry of Industry and Trade, the Planning and Budget Committee of the Council for Higher Education, the Ministry of Science, the Ministry of Finance, and the Ministry of Foreign Affairs.

Contact	Myer W MORRON ISERD
tel	+972 3 511 8121
fax	+972 3 517 0020
email	mwm@actcom.co.il
website	www.iserd.org

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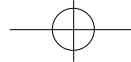
SOUTH AFRICA

Visitors to the South Africa stand can obtain information on South African participation in the European Union's Fifth Framework Programme for Research and Technological Development, specifically the thematic programme on Information Society Technologies. Information sheets on the application and development of IST in South Africa will be available. Demonstrations of software and web-based applications developed in South Africa will also be given.

The focus will be on highlighting the many exciting opportunities for collaboration between European and South African researchers in the IST field. The stand is a point of contact for European researchers looking for potential South African partners.

The South African stand is organised by the South African Mission to the European Union as co-ordinator. Also present are representatives of the South African Department of Arts, Culture, Science and Technology; South African research institutions; and South African information technology companies.

Contact	Daan DU TOIT South African Mission to the European Union
tel	+32 2 285 44 23
fax	+32 2 285 44 87
email	samission@village.uunet.be
website	www.dacst.gov.za



Other International Contributions

NOTES

TURKEY

Visitors to the stand of Turkey can meet representatives from industry and academia and see multimedia presentations and printed material on:

- * S&T policies and prospects in informatics
- * IST related scientific and industrial RTD
- * Company profiles from the information sector
- * National R&D funding schemes
- * An expert advisory interview service

Contact	O Attila «EZIK TUBITAK-TIDEB
tel	+90 312 428 09 30-33
fax	+90 312 428 09 34
email	eurocom@tubitak.gov.tr
website	www.eurocom.org.tr