



## ABSTRACT

CISTRANA Workshop on  
**National policy priorities and R&D programmes in the field of ICT**  
 organised by Tekes, the National Technology Agency of Finland

**Location:**

The Permanent Representation of Finland to the European Union  
 Rue de Trèves 100, 1040 Brussels

**Date and time:**

**Tuesday, November the 8<sup>th</sup> 2005, at 9:30 – 16:30**

The major part of publicly funded R&D in Europe is conducted at national level. At present it has been, however, difficult to identify and access these national research policies and activities.

**The primary aim of the Workshop** is to increase understanding of the country-specific approaches of organising national public R&D funding in the field of information and communications technology. To accomplish this, the Workshop offers insights on national approaches, as well as the highlights from the survey on national priorities and R&D programmes.

Several country cases will be presented from the following perspectives:

- 1) The rationales and backgrounds which have led to the current approaches of organising the national public R&D funding in the field of information and communications technology.
- 2) Current ways of organising public ICT R&D funding in the selected countries.
  - a. Especially: to what extent is public R&D funding for ICT channelled by R&D programmes and to what extent by other types of instruments?
  - b. What is the definition/description of 'R&D programmes' in the countries? Are they EU Framework Programme types of instruments, do they have predefined specified ICT sub-fields which they aim at covering within a limited time-frame (top-down approach), do they aim at covering ICT as widely as possible without predefined scope (bottom-up), are they technology-oriented or application-oriented, etc.?
- 3) Considerations for future development of the national approach.
  - a. What kind of lessons can be learned from the current approach?
  - b. Has the current approach succeeded in reaching its objectives?
  - c. Are there needs for developing the approach? If yes, to what direction?
  - d. A summary of the Strengths, Weaknesses, Opportunities and Threats of the approach

The EU supported CISTRANA has conducted an extensive survey on national priorities, R&D programmes, actors and procedures of programmes in 32 European Union member and associated states.

**The main findings** of the survey will be presented in the Workshop including identification of ICT priority areas and R&D programmes in the surveyed countries. Communications infrastructure, telecommunications, micro- and nanotechnology, software technologies and optoelectronics are the top priority areas at least in nine of the surveyed countries. ICT application areas identified by at least 8 countries cover eBusiness and eCommerce, eHealth, eGovernment, eEducation and eLearning, security and safety. The analysis of the 20 biggest national R&D programmes in terms of public funding has revealed 3 major clusters, which are micro-nano, communications and software clusters.

### ***CISTRANA in brief***

**The strategic aim** of CISTRANA (*Coordination of IST Research and National Activities*) is to achieve coordination of national ICT programmes with each other and with European RTD programmes in the ICT sector in order to improve the impact of all RTD efforts in Europe and to reinforce European ICT competitiveness.

One of CISTRANA's main objectives is to develop a map of the national research landscape in the area of IST, pinpoint research topics and strategic themes where cooperation is essential, and provide sustainable mechanisms to set up trans-national coordination initiatives between several EU Member and Associated States. A key element is the public IST Research Portal on national research activities.

## Agenda

- 09:30 Arrival, Coffee
- 10:00 Opening and Introduction  
Ilpo Reitmaa, Tekes (Counsellor, Research and Technology)
- 10:15 CISTRANA Survey: Highlights on national priorities and RTD programmes:  
Ms Marjo Uotila, Tekes (Senior Technology Advisor)  
Dr. Kari Tilli, Tekes (Director, telecommunications and electronics)
- 11:15 Comments
- 11:30 Case Germany  
Dr. Herbert Zeisel, German Aerospace Center (Coordinating Director, ICT Head)
- 12:00 Sandwich lunch
- 13:00 Case Hungary  
Mr Sándor Bottka, NKTH (ISTC delegate)
- 13:30 Case Netherlands  
Mr Wolfgang Tostmann, Ministry of Economic Affairs (Policy Advisor, Innovation Department)
- 14:00 Case Finland  
Mr Jarmo Raittila, Tekes (Development Manager)
- 14:30 Coffee
- 15:00 Case Israel  
Mr Zev Adelman, Ministry of Industry, Trade and Labor (Director of Computer and Electronics Research)
- 15:30 Case Slovenia  
Dr. Andreja Umek Venturini, Ministry of Higher Education, Science and Technology (Counsellor to the Government)
- 16:00 Discussion and conclusions
- 16:30 Closing Remarks  
Mr. Hannu Nurmi, Tekes (Senior Technology Advisor)

Chairman of the morning session: Ilpo Reitmaa, Tekes (Counsellor, Research and Technology)

Chairman of the afternoon session: Kimmo Ahola, Tekes (ISTC delegate)

### List of Participants

<b>Name</b>	<b>Organisation</b>	<b>Function</b>	<b>Country</b>
Adelman Zev	Ministry of Industry, Trade, and Labor	Director of Computer and Electronics Research	Israel
Ahola Kimmo	Tekes	ISTC delegate	Finland
Bottka Sándor	NKTH	ISTC delegate	Hungary
Comberousse Martine	Ministry of Higher Education and Research	Programme Manager	France
Dhiraj Amarendra Bhushan	Aryan Hellas Limited	Chief Executive Officer	Greece
Doussineau Mathieu	ANRT	CISTRANA team, European affairs	France
Graffman John	VINNOVA	Programme Manager	Sweden
Goossens Karel	Ministry of Flanders, Science and Innovation Administration	ISTC delegate	Belgium
Huch Michael	VDI/VDE Innovation + Technik	IST ERA-Net Co-ordinator	Germany
Lankes Stefan	RWTH Aachen University	Chair for Operating Systems	Netherlands
Marek Martin	Eutema	Project Manager	Austria
Martisune Signe	Department of Higher Education and Science	Permanent Representation of Latvia to the European Union	Latvia
Nurmi Hannu	Tekes	CISTRANA team, Senior Technology Adviser	Finland
Prem Erich	Eutema	Programme Manager	Austria
Raittila Jarmo	Tekes	Development Manager	Finland
Reitmaa Ilpo Chairman of the Workshop	Tekes	Counsellor, Research and Technology	Finland
Spichtinger Daniel	Empirica	Researcher	Germany
Tilli Kari	Tekes	Director (telecommunications and electronics)	Finland
Tostmann Wolfgang	Ministry of Economic Affairs	Policy Advisor, Innovation Department	Netherlands
Uotila Marjo	Tekes	CISTRANA team, Senior Technology Adviser	Finland
Venturini Andreja Umek	Ministry of Higher Education, Science and Technology	Counsellor to the Government	Slovenia
Wintlev-Jensen Peter	European Commission DG INFSO C2	Head of Sector	Belgium
Zeisel Herbert	German Aerospace Center	Coordinating Director, ICT Head	Germany

## How to find us



The Permanent Representation of Finland to the European Union is located in the Etterbeek district of the city at the following address: Rue de Trèves 100, 1040 Brussels. The best way to get to us is by underground. The closest metro station is Maelbeek, which is just a 100m-walk away from the Representation along Rue de Trèves.

There is limited parking space in the vicinity of the Representation, which does not have reserved parking spots for its visitors.