



Coordination of **IST** Research And National Activities

Objectives

Strategic Aim:

- ▶ Achieve coordination of national ICT programmes with each other and with European RTD programmes in order to
- ▶ Improve the impact of all RTD efforts in Europe and to reinforce European ICT competitiveness

Interconnected Objectives:

1. Develop a map of the national research landscape in the area of IST;
2. Pinpoint research topic areas and strategic themes where cooperation is essential;
3. Establish sustainable mechanisms to set up trans-national coordination initiatives between several Member and Associated States.

Methodology

A step-by-step approach towards trans-national research activities:

- 1st step: Systematic data collection and exchange of information
- 2nd step: Analysis of collected information and exchange of best practices
- 3rd step: Concentration on strategic themes and development of joint procedures
- 4th step: Implementation of trans-national research activities

Major Outcomes/Results

- ▶ a public IST Research Portal on national research activities
- ▶ structures and connections essential to achieve a high degree of research integration of national (and Community) research activities
- ▶ a common basis for policy making and structuring research activities in the European Research Area
- ▶ sustainable forums for national programme managers to interact
- ▶ promotion of trans-national coordination activities

Survey of Policies, Programmes, Procedures

Surveys of 33 EU Member and Associated States:

1. National policies related to RTD in the field of information and communications technology (ICT), including the main actors responsible for forming the national strategies and policies
2. National RTD programme procedures in the field of ICT
3. National RTD programmes in the field of ICT
4. Other than programme-based activities to support RTD in the field of ICT
5. National RTD databases in the field of ICT

Surveys results:

- 122 national programmes in the field of ICT
- 26 non-programme based RTD support in the field of ICT

Analysis of Policies, Programmes, Procedures

Organisations responsible for the national strategies and policies:

Science Council:

- Governmental advisory body responsible for science and technology strategy.
- Chaired by prime minister, includes ministers, academics and industry.

Ministry Level:

- Ministries responsible for policy making / policy coordination in RTD or ICT.

Financing and Implementation Agency

- Provide funding for applied research
- Act as an executive organisation for government strategies / programmes
- Support industry–research collaboration

Basic Research Funding Organisations

- Provide funding for basic research
- Expert organisation in science / scientific research.

Analysis of Policies, Programmes, Procedures

National R&D programme procedures:

Programme initiation:

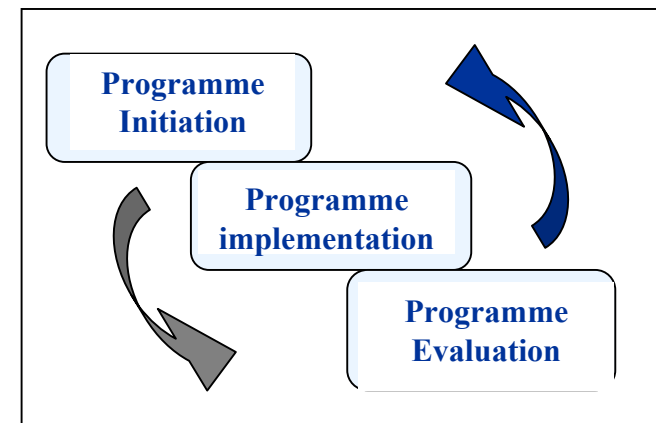
- How is a programme initiated?
- Where does the idea come from?
- What actions are taken and by whom during the planning?
- Who makes the decisions to launch a programme?

Programme implementation:

- Committee-type implementation
- Outsourced implementation
- In-house implementation
- Joint management

Programme evaluation:

- Ex-ante evaluation
- Interim evaluation
- Ex-post evaluation



IST Research Portal

IST research portal design

“It will allow users to access structured and comprehensive information from one single entry point on IST-relevant research policies, programmes and activities carried out in MASs.”

Target audience

- policy makers,
- programme managers,
- industrial actors,
- researchers,
- the wider IST community.

IST Research Portal

A common basis: multilingual taxonomy and dictionary

Taxonomy:

- Effectiveness for browsing in portal – compatibility with national programmes
- Suitability for other uses in CISTRANA – identification and matching national priorities
- Appropriateness for different users – policy makers vs. researchers, depth of hierarchy
- Coherence - comparable granularity in different areas
- Other issues: maintenance, independence, scope of use

Dictionary:

- Multilingual keyword dictionary for searches

IST Research Portal

Current coverage:

National programmes

Cistrana portal - Search - Microsoft Internet Explorer provided by CCLRC

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail New Window

Address http://www.portal.cistrana.org/search.aspx

CISTRANA

help | legal notice

CISTRANA home
Portal home
Search
New search

Search

search for selected keywords
ABCDEFGHIJKLMNOPQRSTUVWXYZ
currently selected keywords:
clear all currently selected keywords

search for any occurrence of the text...

search on start date between... any year any year

display results from these countries...

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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A cross indicates countries that have no programmes, or for which information is not currently available.

display results ☐ in full ☒ in summary ☐ tabular

go

Funding institutes

Results sorted by programme name [1-5 / 15]

Algorithms and optimization methods in telecommunications

more...

■ University of Ljubljana, Faculty of Electrical Engineering

■ 2004-2008

€ 1.010 M€ from Slovenian Research Agency

► In the scope of the research program the following research activities are conducted:

Retrieval, processing, chara...

Last updated 24/06/2005 at 10:05:58

Freeband Communication (Freeband)

more...

■ Telematica Instituut

■ 2004-2009

€ 30 M€ from Ministry of Economic Affairs

€ from Industry

Conclusions and Outlook: Dialogue and Action

CISTRANA workshop series:

- National Policy Priorities and RTD Programmes in the Field of ICT
TEKES – Brussels, Belgium – 8 Nov 2005
- Programme Impact Assessment in National IST Initiatives (Pianist)
ANRT – Paris, France – 13-14 Dec 2005
- Best Practice in Multi-national Programme Collaboration
DLR – Cologne, Germany – 18 Jan 2006
- Portals for Information Dissemination and Taxonomies for Classification
CCLRC – Abingdon, United Kingdom – 20-21 Feb 2006
- Design of National IST Programmes in the Context of ERA Coordination
NKTH – Budapest, Hungary – 9-10 Mar 2006

CISTRANA website: www.cistrana.org

Consortium:



Deutsches Zentrum für Luft- und Raumfahrt e.V.
(Germany) - Coordinator



Council for the Central Laboratory of the Research
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**Thank you for
your Attention!**