



Preparatory workshop for launching a European Network of Living Labs

European Network of Living Labs in a Potential European Innovation System

from

the Finnish Presidency Perspective

HTC 4.5.2006

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Programme Director
Government's Information Society Programme
PM's office





NEED OF CHANGE

SOME QUESTIONS TO BE ANSWERED
- OR ARE THEY JUST RHETORICAL





Do we invest enough in R&D in Europe?

Do we cooperate enough in Europe?

- national level
- European level
- international level
- different stakeholders: business, universities, government, third sector, citizens

Have we been able to create significant development and standardization projects at European level?

Have we been able to create a European wide innovation system?

When we develop new technology do we listen to the end-users?

Have we increased productivity by using ICT effectively in Europe?

How can we create hope to our citizens? And new jobs?

And what about
the Lisbon goals?



CAN WE FIND SOLUTIONS TO THESE
PROBLEMS TODAY?

COULD THIS NEW
EUROPEAN NETWORK OF LIVING LABS
BE ONE IMPORTANT SOLUTION?



LIVING LAB – WHAT IS THAT? EUROPEAN NETWORK OF LIVING LABS? EUROPEAN INNOVATION SYSTEM?



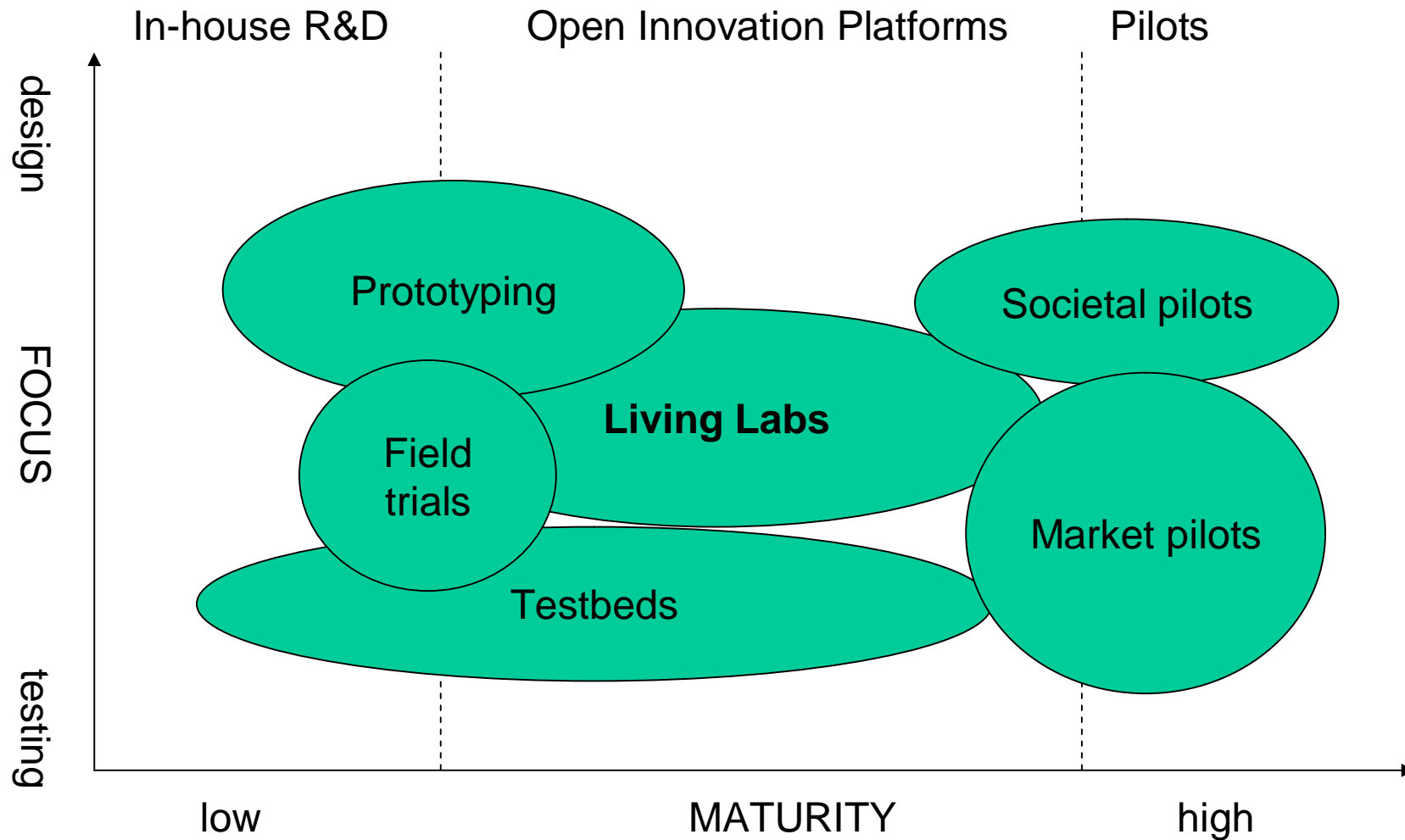


Different types of test and experimentation platforms

Prototyping platform	A design and development facility to mass production and resulting in the first proof-of-concept of a new technology, product or service
Testbed	A standardized laboratory environment used for testing new technologies, products and services and protected from the hazards of testing in a live or production environment
Field trial	A test of technical and other aspects of a new technology, product or service in a limited, but real-life environment
Living lab	An experimentation environment in which technology is given shape in real life contexts and in which (end) users are considered 'co-producers'
Market pilot	A pilot project in which new products or services that are considered to be rather mature, are released to a certain number of end users in order to obtain marketing data or to make final adjustments before commercial launch
Societal pilot	A pilot project in which the introduction of new products and services into a real-life environment is intended to result in societal innovation



Conceptual framework of test and experimentation platforms





European Network of Living Labs

Innovating the way innovation is happening!

- The European Network of Living Labs is a European-wide platform of R&D and innovation that brings about real impacts on job creation and growth.
- At the same time, it is a huge challenge for public-private partnership models, IPR's, open source practices, research methodologies, innovation process management, development of new leadership, governance and financial instruments.

European Innovation System?

- For human-centric and all-inclusive (pan-European) knowledge society service, business and technology development that benefits of the social and cultural richness of EU (media, education, communication...)
- Where new innovations and job creation are based on cross-regional and cross-national co-creation of people, firms and public agencies of EU countries
- However, that may imply new cross-regional and cross-national institutional and financial arrangements
- It also implies that public sectors in Europe open their services for R&D and innovation.
- This may require new forms of funding of public R&D?
- However, this may attract global companies to invest in R&D and job creation in Europe
- However, should we create this on the top on national innovation systems?



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World Economic Forum - Global Competitiveness Report - Microsoft Internet Explorer

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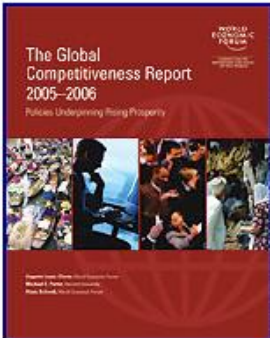
Global Competitiveness

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- Global Information Technology Report
- Lisbon Review
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- Partner Institutes
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Global Competitiveness Report 2005-2006

Released on 28 September
[Order the report](#) | [Read and watch interviews](#) | [Download photos](#)



This annual study is a valuable tool for shaping economic policy and guiding investment decisions. It is one of the leading monitors of the competitive condition of economies worldwide. Produced in collaboration with leading academics and a global network of 122 [Partner Institutes](#), *The Global Competitiveness Report* has expanded its geographic coverage over the years and now assesses 117 economies. The report is unique in that the methodology combines publicly available data with survey data that captures the perceptions and observations of business leaders in a given country.

EXTRACT FROM THE PREFACE
by Professor Klaus Schwab

The publication of this year's *Global Competitiveness Report* provides an opportunity to examine some of the key economic issues confronting the international community.


The global economy is expected to grow by some 4.25 percent in 2005, nearly one percentage point

Country Rankings 2005-2006

1. Finland	9. Norway
2. USA	10. Australia
3. Sweden	11. Netherlands
4. Denmark	12. Japan
5. Taiwan	13. United Kingdom
6. Singapore	14. Canada
7. Iceland	15. Germany
8. Switzerland	16. New Zealand

Point of View

"In many ways the Nordics have entered virtuous circles where various factors reinforce each other to make them among the most competitive economies in the world."



Augusto Lopez-Claros, Chief Economist and Director, Global Competitiveness Programme.
[Interview](#): read his remarks in full

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Käynnistä Tietoyhteiskuntaohjel... World Economic Foru... FI 11:34

Source: World Economic Forum, 28th of September 2005

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Global Information Technology Report



Since it was first launched in 2001, the **Global Information Technology Report** has become a valuable and unique benchmarking tool to determine national ICT strengths and weaknesses, and to evaluate progress. It also highlights the continuing importance of ICT application and development for economic growth.

The Report uses the **Networked Readiness Index (NRI)**, covering a total of 115 economies in 2005-2006, to measure the degree of preparation of a nation or community to participate in and benefit from ICT developments.

The NRI is composed of three component indexes which assess:

- the **environment** for ICT offered by a given country or community
- the **readiness** of the community's key stakeholders - individuals, business and governments
- and the **usage** of ICT among these stakeholders

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Global Information Technology Report 2005-2006

Report author and Chief Economist Augusto Lopez-Claros | Full interview

- The US has climbed four places this year to bump Singapore out of the top spot in ICT. What happened over the past 12 months? [Response](#) (48 sec)
- What is the secret of the Nordic countries that consistently keeps them at the top of the rankings year on year? [Response](#) (51 sec)



Country Rankings

1. US	9. Switzerland
2. Singapore	10. UK
3. Denmark	11. Hong Kong
4. Iceland	12. Netherlands
5. Finland	13. Norway
6. Canada	14. Korea
7. Taiwan	15. Australia
8. Sweden	>> Rankings in full

• Understand the issue: Global man of Digital Inclusion

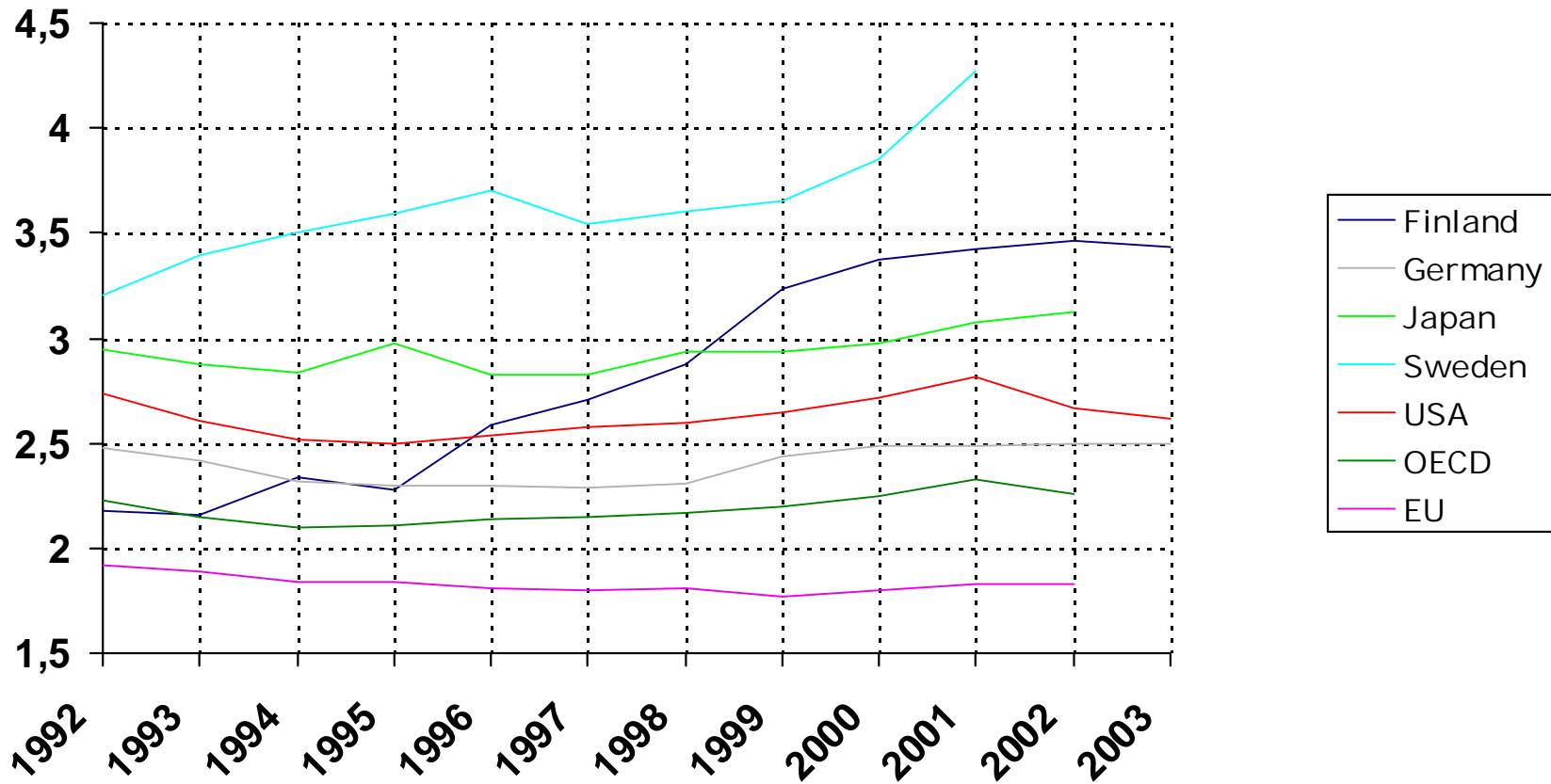
Internet

Information Society Programme, Prime Minister's Office

Source: World Economic Forum 28.3.2006



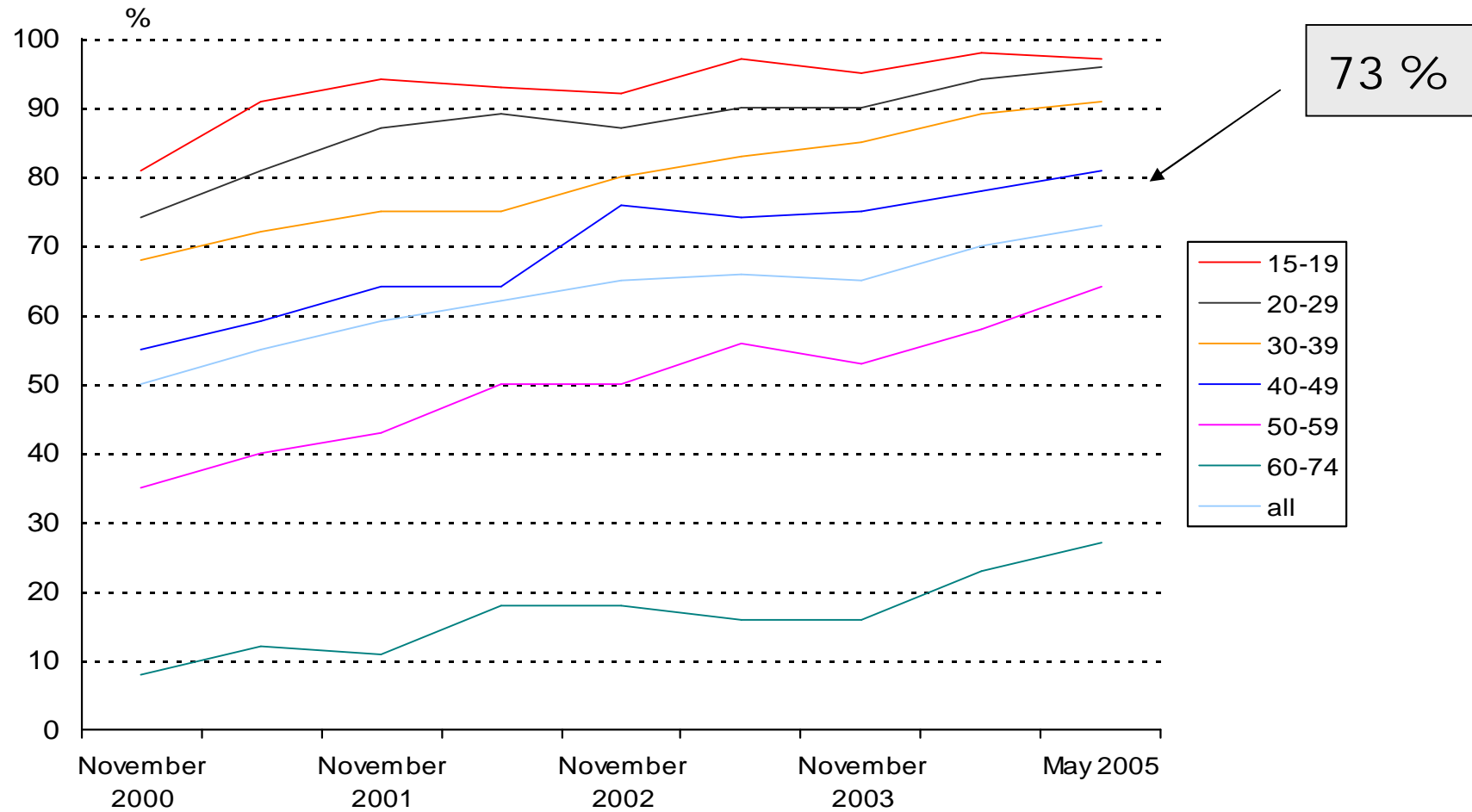
R&D expenditure of GDP (%) in a number of EU and OECD countries in 1995-2002



Source: Statistics Finland



Use of Internet in last 3 months by age from autumn 2000 to spring 2005 (% in age of 15-74)



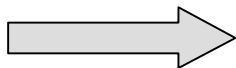
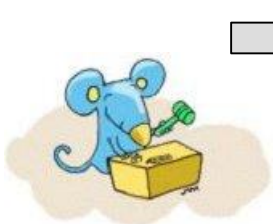
Source: Statistics Finland, spring 2005

Information Society Programme, Prime Minister's Office



Finland's new national Information Society Strategy

Innovative, human centric
and competitive Finland



Vision until 2015

Information Society Programme,
Prime Minister's Office





eFINLAND - CHALLENGING THE WORLD?

- **BUG cooperation**
- **R&D funding**
- strong commitment at the government level
- trust
- legislation
- competitive markets
- ICT skills (citizens and companies)
- IS indicators
- basic infrastructure
- basic registers
- mobilization
- eBanking
- eInvoicing
- eGovernment
- basic education

- and no corruption...





BUG cooperation: case Dimes Vision

Current state:

The Finnish strength is mainly based on successes in technology creation – nurturing and piloting innovations is the weak link in Finland.



Dimes enabled desired future:

The Finnish strength is quick implementation of new innovations based on effective service creation derived from customer needs and analysis of weak signals and disruptive innovations.



BUG cooperation: case Dimes Mission

To create an open innovation environment for the Finnish ICT Cluster, where technology and competences will effectively be turned into customer driven services earlier than elsewhere, benefiting business and society.

PPP



BUG cooperation: case Dimes Operational principles

DIMES

- Offers an open innovation network and environment for its members and partners
- Actively promotes new service innovation opportunities for SMEs, public sector actors and research institutions in cooperation with large ICT enterprises
- Provides concrete ICT-industry initiatives for new public R&D programs
- Offers its capacity to ramp-up programs of national importance

DIMES PROMOTES NETWORKED PROJECTS, WHICH HAVE HIGH LEVEL OF AMBITION IN TERMS OF APPLICABILITY AND PRODUCTIVITY.

MAIN CRITERIA: NATIONAL, BUSINESS ORIENTATION, STRATEGIC IMPACT



Information Society Programme, Prime Minister's Office



FINLAND'S EU PRESIDENCY AND INFORMATION SOCIETY





EUROPEAN NETWORK OF LIVING LABS - LAUNCH

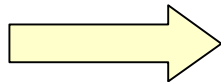
- ü Tradition of Living Labs in Finland
- ü Part of the Finnish official agenda in EU presidency
- ü Living Labs launch preseminar 24.10.2006 (Opening speech: PM Matti Vanhanen)
- ü Launching of Living Labs 20.11.2006 (Chair of the meeting: Former PM Esko Aho, Chair of the Hampton Courts report)





PRESIDENCY EVENTS IN FINLAND

- ü i2010 -seminar (28.-29.9.2006)
- ü Networked Business and Government –
Something Real for Lisbon –seminar (23.-
24.10.2006) (*also Living Labs preseminar*)
- ü *European Network of Living Labs – The Step
Towards New European Innovation
Infrastructure (20th of November 2006)*
- ü IST 2006 –conference (21.-23.11.2006)



Also some ministerial level
meetings





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Articles

Events

The launch of a European Network of Living Labs - Co-creation of innovation in public, private and civic partnership

Press release 8.2.2006
Source of information: Government Communications Unit

The Finnish Presidency will launch a European Network of Living Labs on November 21, 2006. This is the first step towards a New European Innovation System (EIS).

There is an urgent need to improve European-wide aspiration for innovation towards job creation and growth. There is also an urgent need to undergo European-wide, national and regional institutional, structural and financial changes that facilitate the focused and innovation-based growth for global competitiveness of Europe (Report of the Hampton Court Group Chaired by Esko Aho, January 21, 2006). Mr. Matti Vanhanen, Prime Minister of Finland, emphasizes that the European Network of Living Labs is a concrete action for putting Lisbon strategy in real life.

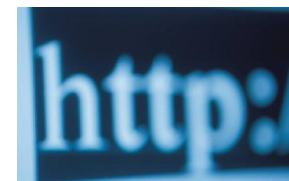
A European Network of Living Labs is a collaboration of Public Private Partnerships (PPP) where firms, public authorities and

Valmis Internet



The European Network of Living Labs
is a concrete action for putting
Lisbon strategy in real life!

- Prime Minister of Finland, Mr. Matti Vanhanen





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More information:

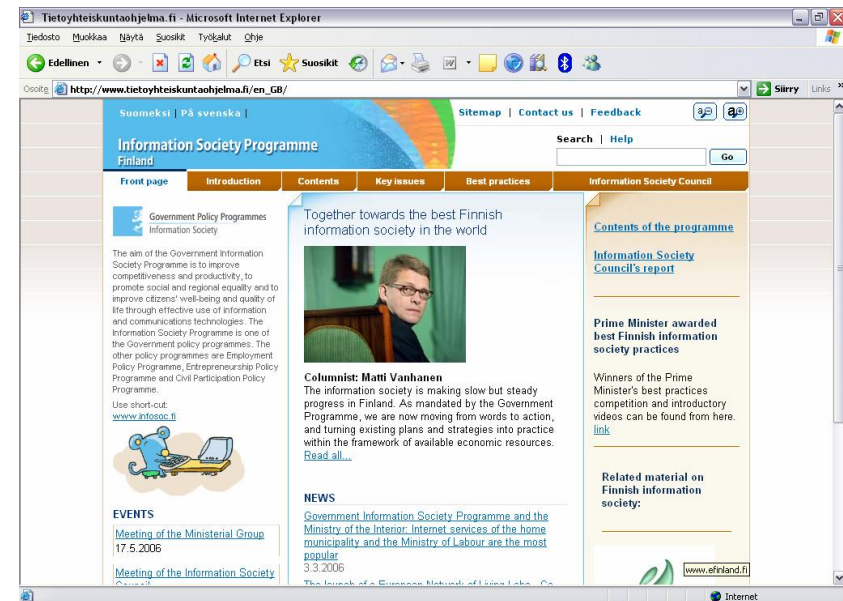
www.infosoc.fi

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Thank you!

Information Society Programme, Prime Minister's Office