



European Commission



Enterprise and Industry
Directorate General

European Commission support for innovation current developments

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Structure of the presentation



- I. Introduction – The Lisbon Process**
- II. New organisation of DG Enterprise and Industry in force since 01/01/2005**
- III. European Commission Framework Programms and Action Plans**
- IV. Cohesion Policy and innovation**
- V. On-going actions of Support for Innovation Unit**

A New Strategic Goal for the Next Decade



The European Council of LISBON in March 2000
set the goal for the EU :

“to become the most competitive and dynamic knowledge-based economy in the world capable of sustainable economic growth with more and better jobs and greater social cohesion.”

Afterwards the BARCELONA Council in March 2002

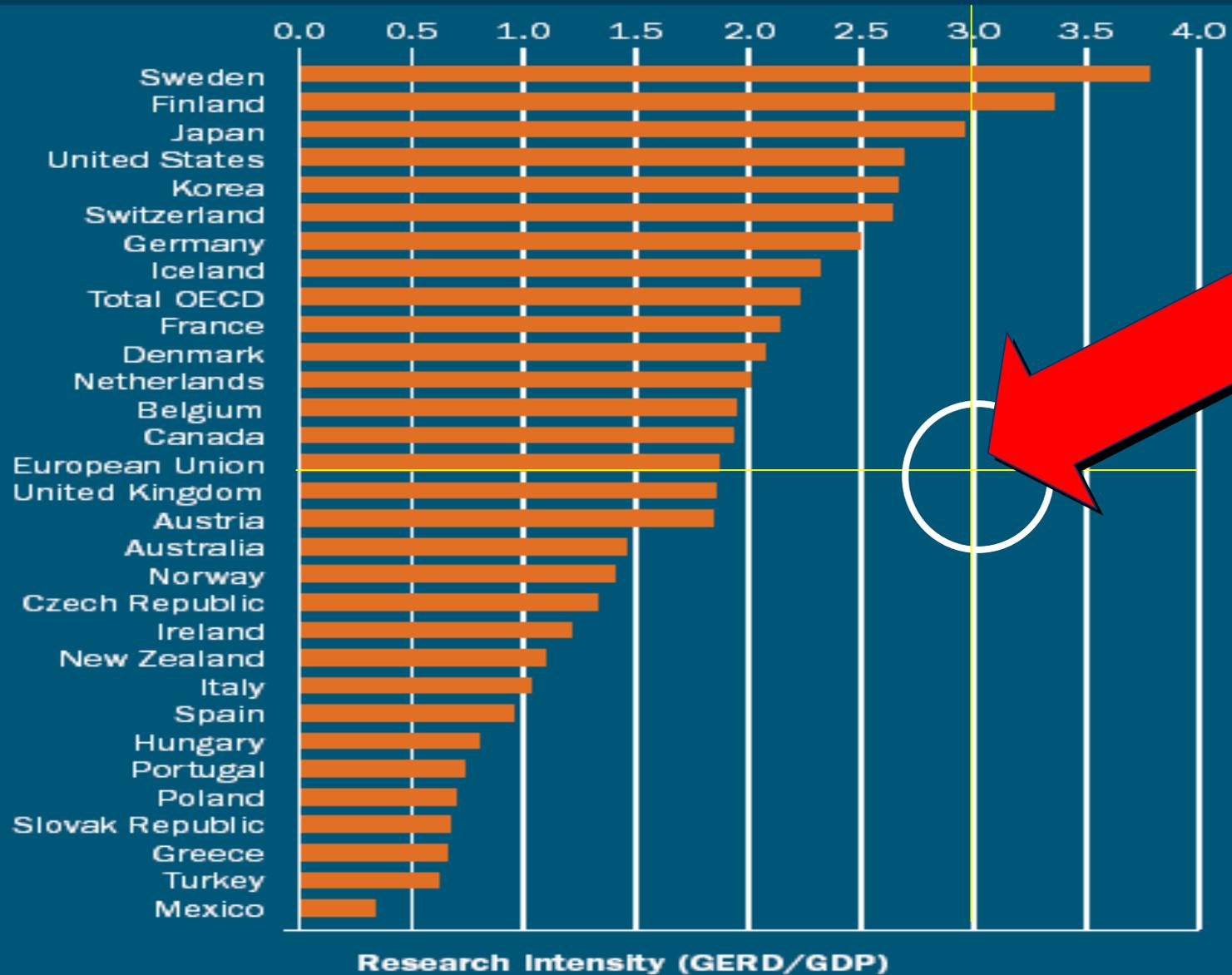
confirmed the importance of increased investment in R&D, setting ambitious average EU target of 3 % of GDP by 2010 with 2/3 coming from private sector

A New Strategic Goal for the Next Decade

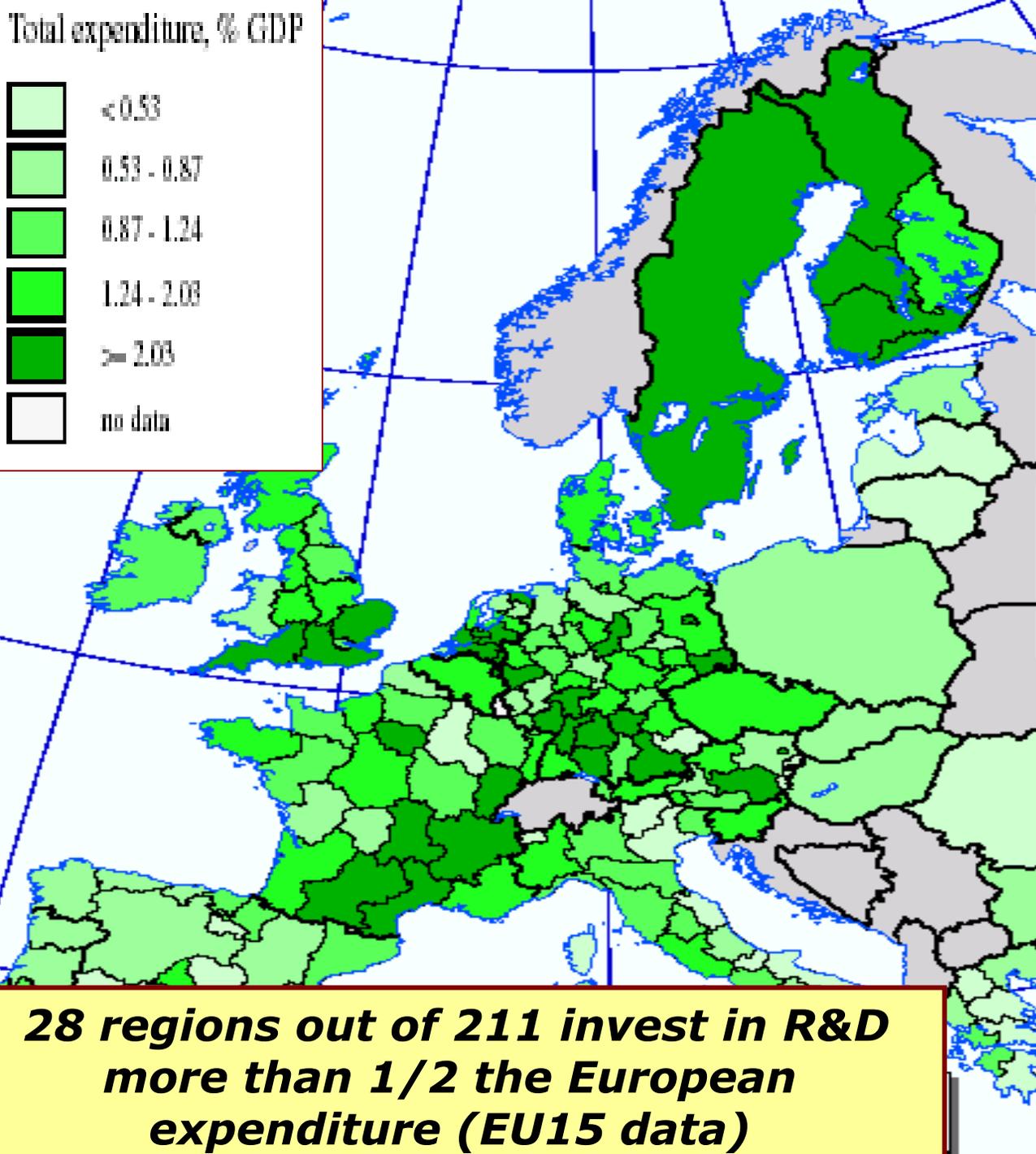
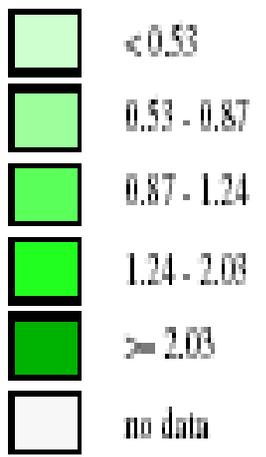
- **Lisbon objectives will not be achieved with the current speed of change**
- **Urgent challenge of raising productivity and generating more added value**
- **Consistent EU-US productivity gap: 30% difference in GDP per capita**
- **R&D intensity in Europe lags behind**
 - **In 2001, 1.97 % of GDP in EU**
 - **2.8 % in the US and 3.06 in Japan**
- **Europe lags behind the US in 10 of 11 innovation indicators, e.g.**
 - **Lower R&D investment rates**
 - **Less venture capital**
 - **More US patent applications in Europe than from Europeans**

Source: European Innovation Scoreboard <http://trendchart.cordis.lu/>

R&D Percentage of Gross Domestic Product 2000 (or most recent year)



Total expenditure, % GDP



R&D Expenditures > 4% of GDP

- Braunschweig 6.34**
- Väst Verige #5.00**
- Stockholm #5.00**
- Stuttgart 4.84**
- Oberbayern 4.76**
- Tübingen 4.23**
- Uusimaa 4.09**
- Syds Verige #4.00**

R&D Expenditures 1.93% of GDP
EU Average 2000

28 regions out of 211 invest in R&D more than 1/2 the European expenditure (EU15 data)

New organisation of DG Enterprise and Industry

3 Pillars

Competitiveness and Industrial Policy

- Coordination for competitiveness
- Industrial policy and economic reforms
- Regulatory Policy

Competitiveness and entrepreneurship

- Innovation Policy
- Promotion of SME's competitiveness

Competitiveness, internal market for goods and sectoral policies

- Consumer goods
- Chemicals and construction
- Aerospace, security, defence and equipment
- Basic and design industries, tourism, IDA



Framework Programmes

- **7th Research Framework Programme
2007 - 2013**
- **Competitiveness and Innovation Framework
Programme 2007 - 2013**

7th Research Framework Programme



Cooperation – Collaborative research
to foster collaboration between industry and academia

Ideas – Frontier Research
to support frontier research on the basis of scientific excellence

People – Human Potential
to support mobility and career development of researchers

Capacities – Research Capacity
to develop capacities for Europe to be a knowledge-based economy



JRC (non-nuclear)

JRC (nuclear)

Euratom

Objectives of CIP



Competitiveness and Innovation Programme

INNOVATION AND SUSTAINABLE USE OF RESOURCES

MASTERY AND BEST USE OF ICT

SME ACCESS TO FINANCE

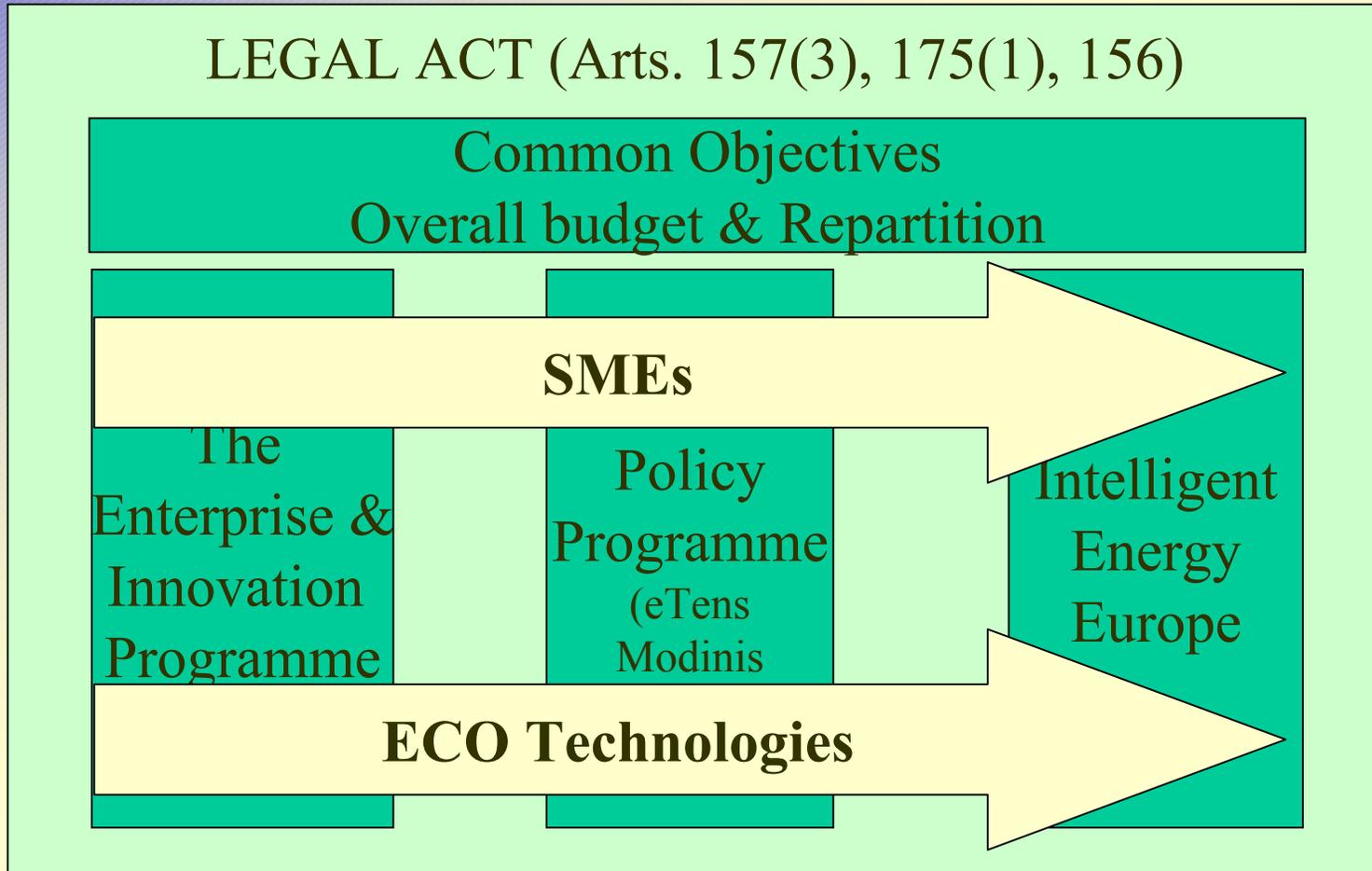
**ECONOMIC AND ADMINISTRATIVE REFORM FOR MORE
ENTREPRENEURSHIP AND A BETTER BUSINESS ENVIRONMENT**

Innovation and the sustainable use of resources



- Better **innovation governance**
- **Entrepreneurial innovation**, in particular in SMEs and clusters;
- Improved **Services** in the area of IPR, finance, technology transfer, business support networks and assistance to innovative start-ups;
- Encourage the **assessment of the technical and economic viability and market potential** of new technologies;
- **Improve energy and resource efficiency** by demonstrating the viability and stimulating the wider uptake of proven eco- and energy-efficient technologies and renewable energy sources.

CIP Structure



The Enterprise & Innovation Programme



- **Access to finance**
 - Financial instruments for SMEs
- **SME co-operation**
 - Business Support, standardisation
- **Innovation in enterprises (incl. Eco Innovation)**
 - Clusters, partnerships, networks, tech transfer, IP
- **Innovation governance**
 - Analysis, monitoring, exchange, policy development
- **Economic & administrative Reform**
 - Enterprise policy, entrepreneurship, competitiveness strategies

Key Action Plans / Schemes

- **Action Plan on the European Agenda for Entrepreneurship (2004)**
COM(2004) 70 final
 - ‘ensure top-class support for cross-border trade and innovation’
 - ‘foster networks, partnership events and clusters’
- **Innovate for a Competitive Europe: Commission Action Plan on Innovation (Spring 2005)**
- **Investing in Research: an Action Plan for Europe (3% of GDP in research)** *COM(2003) 226 final*
 - MLP on investing in research and innovation in the regions
- **ERA-NET Scheme – Fostering cooperation of national and regional innovation programmes**

Entrepreneurship Action Plan



- **Published in February 2004**
- **Fundamental issue: ‘How to get more firms to grow’**
- **Key actions to be launched in 2004 and 2005, and new actions from 2006**
- **Five strategic policy areas/38 sub-actions**
 - Fuelling entrepreneurial mindsets
 - Encouraging entrepreneurship
 - Gearing entrepreneurs for competitiveness
 - Improving finance flow
 - Creating friendly frameworks

The Innovation Action Plan



- **Public consultation concluded in May 2004**
- **Next steps: Interservice consultation and adoption**
- **Significant public response**
- **Scope and approach:**
 - **Broad scope to reach all sectors and a larger number of enterprises**
 - **All forms of innovation, including non-technological**
 - **Interaction of a broad range of policy areas**
 - **Synergies of EU, national and local efforts**
 - **Mobilisation of all actors in policy-making, enterprises, research, education, etc.**
 - **Identification of 30+ specific actions in the field of innovation.**

Framework for a Mutual Learning Platform

MLP objectives:

- provide “a mechanism for interactive ‘learning’ by regional authorities and other public and private organisations in European Regions”
- build on existing Community activities and focus on improving research and innovation in European regions
- combine the efforts of different European Commission DGs: DG Enterprise and Industry, DG Regio, DG Research and Committee of Regions

Framework for a Mutual Learning Platform

MLP structure:

- **The MLP benefits from the administrative support from the IRE Network Secretariat (webpage, organisations of workshop, etc.)**
- **It comprises a core structure (MLP board) which ensures high quality agenda setting, supported by structured workshops, publications and an interactive website.**
- **The MLP board is composed of representatives from European level regional associations, business networks, development agencies and academic experts.**

Framework for a Mutual Learning Platform

MLP priority topics:

- **Regional Foresight activities**, building on the science and technology foresight work supported by DG Research, including the development of regional foresight in relation to RIS/RITTS projects (workshop – tentatively end October 2005).
- **Regional Benchmarking** will incorporate the innovation impact assessment projects launched under the 2004 IRE call, the Regional Innovation Policy Reports linked to the TrendChart and Innovation Scoreboard initiatives, and the Regional Key Figures for S&T (workshop – tentatively early October or end November).
- **Regional Profiles** in Research and Innovation will be fed by the Expert Group on “Constructing Regional Advantage”, the “Regions of Knowledge” projects, key RIS projects and IRE thematic networks (workshop – tentatively end December).

The ERA-NET Scheme

The Commission will launch a call this year in order to set up

an ERA-NET model specifically targeted at encouraging cooperation in the area of innovation.

The call will be divided into 2 parts:

- An innovation-specific ERA-NET part (strengthening regional and national policy cooperation in support of innovation)
- A complementary part aimed at further promoting and supporting specific joint initiatives of national or sub-national innovation agencies (new trans-national measures in support of entrepreneurial innovation)
- The call will be a joint Innovation ERA-NET initiative by DG RTD and DG ENTR in October 2005. Budget: around € 20 M.

New Cohesion Policy



- **Commission suggestion (COM (2004) 107 of 18.2.2004) to integrate the future cohesion policy into the Lisbon strategy**

- **Priorities of future (from 2007) Cohesion Policy:**
 - economic and social convergence
 - regional competitiveness
 - territorial cooperation

- **One of key themes/issues for future Cohesion Policy is innovation and the knowledge economy**

- **Innovation is going to become one of the key issues for which the regions will be eligible to receive funding**

Support for Innovation Unit activities



- **IRCs and IRC Network**
- **IRE Network and projects**
- **IPR Helpdesk**
- **10.5 M action call for proposals**

IRC Network 2004 - 2008

33 countries: EU, Iceland, Norway, Switzerland, Israel, Bulgaria, Romania, Turkey, Chile

6 Transnational IRCs:

N. England/Nord France

S. Germany/E. Switzerland

W&S Sweden/Iceland

Rhone-Alps/W. Switzerland

Luxembourg/Trier/Saarbrücken

N. Rhine Westphalia/Malta

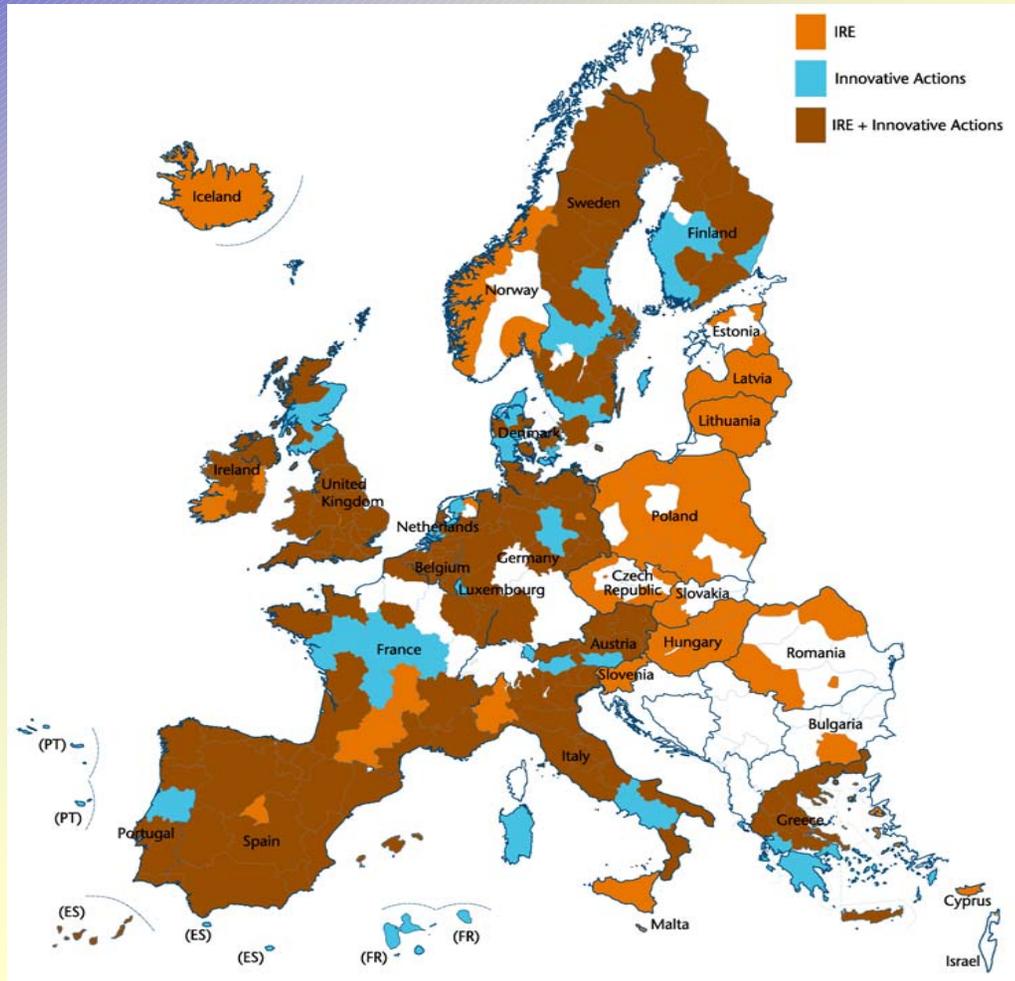


IRC Network Results (2000-2004)



- Organised more than 300 Technology Brokerage Events
- Assisted more than 40.000 client companies to meet their technology needs and to exploit their research results
- Published almost 8.500 Technology Offers and more than 2.500 Technology Requests in the BBS database
- Enable over 12.000 Technology Transfer negotiations

Innovating Regions in Europe (IRE) Network



1995:

**5 countries
16 regions**

2003:

**26 countries
200 regions**

Innovating Regions in Europe (IRE) Network



Project	Completed	On-going / completed	Call 2004 DG ENTR
<p>Regional Innovation Strategies</p>	<p>RITTS (70) DG ENTR</p> <p>RTP/RIS (33) DG Regio</p> <p>RIS + (25) (DG Regio)</p>	<p>RIS NACs (16) TN (14) DG ENTR</p> <p>Innovative Actions Program (DG Regio)</p>	<p>RIS NACs 2nd generation (33 projects under negotiation)</p> <p>Support Action to RIS-NAC processes (4 projects under negotiation)</p> <p>Impact assessment and benchmarking of regional innovation policies (8 projects under negotiation)</p>



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www.ipr-helpdesk.org

- **Helpline** - free of charge “first line assistance” on IPR and RTD issues
under: ipr-helpdesk@ua.es
- **Info web page** including broad variety of documents covering every aspect of intellectual property, both in general and in the context of FP5 and FP6
under: www.ipr-helpdesk.org
- **Newsletter** - e-mail info service on IP and FP6 issues
- **Workshops and training** for multipliers (IRCs, NCPs, SME Associations, etc.) on the IPR and FP6 rules

“Identification of new methods of promoting and encouraging Transnational Technology Transfer”

Publication	15 March 2005
Deadline for submission	15 June 2005, 17:00
Evaluation	July 2005
ESR sent to proposal coordinators	September/October 2005
Invitation to negotiate	October/November 2005
Signature of first contracts	From April/May 2006

General information:

- estimated indicative budget: € 10,5 million;
- Indication: Community contribution per project between € 500.000 and € 1.200.000
- Expected: 10-20 projects to be selected
- community financial support expected to allow participants to be funded up to a maximum of 75% of eligible costs
- minimum n° of participants: 4 legal entities from 4 different countries
- duration of projects 24 months



European Commission



Enterprise Directorate General

Thank you for your attention!