

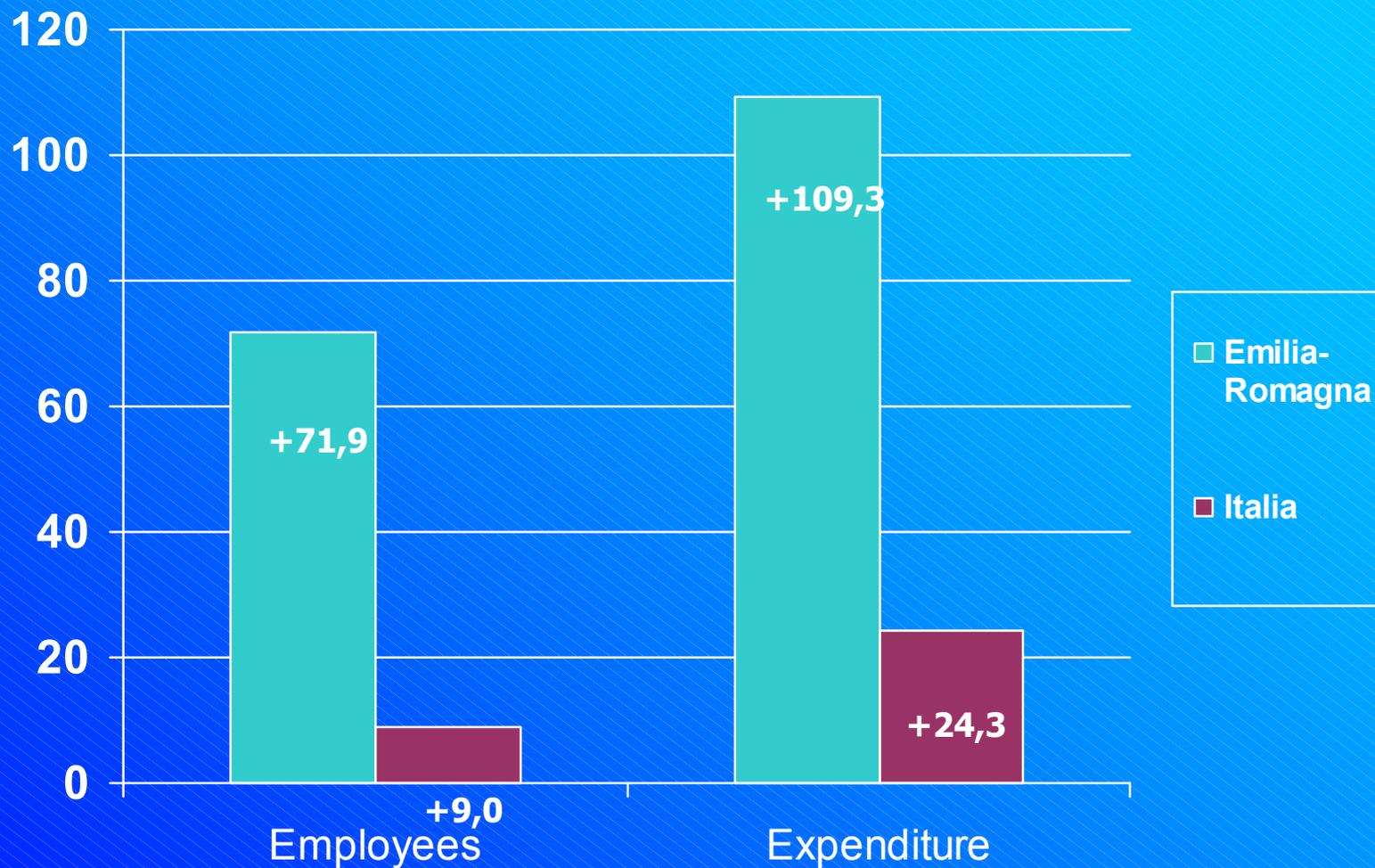
# Emilia-Romagna Regional Policies on Innovation and Research

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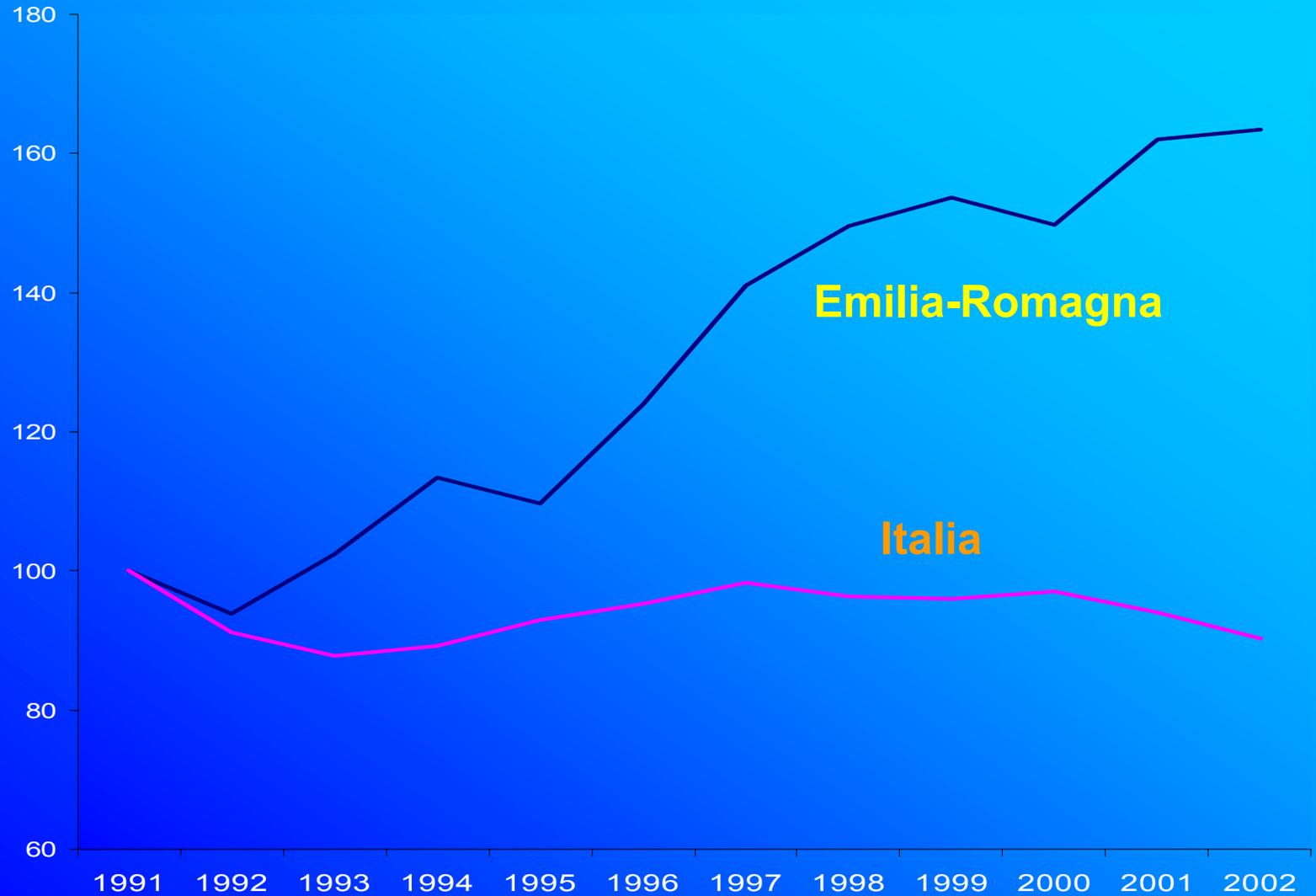
21st April 2005 - Krakow



# Companies R&D activity (1997-2002)



# Industrial patents (1991 = 100)



# Emilia-Romagna new policy orientation

In the last 3 years, Emilia-Romagna reoriented towards research and technology transfer more than 50% of its funds for regional development

The objectives are:

- to support the change of manufacturing clusters versus the knowledge dimension;
- to generate new knowledge intensive clusters;
- to develop the regional knowledge community;
- to develop the information society.

# The regional system

Regional Systems  
of Innovation

Knowledge  
Community

Existing  
Clusters

Universities  
Research Centres  
Technology Transfer  
Organisations  
Innovative firms  
Others

Researchers  
Professionals  
Brokers  
Technicians  
Others

Knowledge  
based Clusters  
(sub-systems)

# Emilia-Romagna Regional Foresight

## Main Regional Clusters

- Engineering
- Construction
- Food

Environment,  
Health, Safety

## Main Technological Topics

- ICT
- Nanotechnologies
- Advanced materials
- Sensor technologies
- Biotechnology

# The Regional Dimension of Research

The role of regions to achieve the Lisbon goals:

is not only limited to better conditions for research diffusion and technology transfer, especially to SMEs

but also to increase the productivity of research generating cluster effects also at the level of research and knowledge production

# Knowledge community - Cluster effect

Formal co-operation, linkages, exchanges and casual contacts can favour:

- easier generation of ideas for new research projects to develop;
- better chances to find the right industrial use of research;
- increasing chances of success, motivation, etc.

# Emilia-Romagna new policy orientation

- Regional Program for Industrial Research and Technology Transfer (3 years, about 50 M€ per year)
- Regional ICT Plan (20 M € per year)
- Regional Program of Innovative Actions (2 years 10 M€)**
- Objective 2 Funds for Research and Innovation 2004-2006 (3 years, 20 M€)
- SPINNER program with FSE (4 years, 10 M€ per year)
- Agreement with the national Ministry of Research for research in advanced engineering (5 years, 25 M€)
- European Networks (ERIK, etc.)
- R2B Exhibition event for research and technology

# Regional Programme of Innovative Actions EMILIA-ROMAGNA

“Health, Life Sciences and  
Technological Innovation”

