

VISION ERA•NET

SHARED KNOWLEDGE BASES FOR SUSTAINABLE INNOVATION POLICIES

”Policy Learning and Development of European Knowledge bases for innovation policies”

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LEARNING & EUROPEAN INNOVATION POLICIES

- What is the role of international collaboration and cooperation in innovation intelligence?
- What is going on in the Europe?
- What should be done and what are the challenges?
- The role of shared knowledge bases for innovation policy and collaborative learning
- *International policy learning and coordination augments national innovation research programs and policies*

LANDSCAPE OF COLLABORATION AND COORDINATION

- OMC: CREST
- TAFTIE – The Association of Technology Implementation in Europe
- FP7: Networks of Excellence – PRIME & DIME
- Pro Inno Europe
 - Trendchart Innovation, Innovation Scoreboard, CIS, Innobarometer, sectoral innovation, learning platforms, etc
- Joint Research Center – Institute for Prospective Technological Studies
- Some Era-Net's, such as ForSociety, Compera, etc.

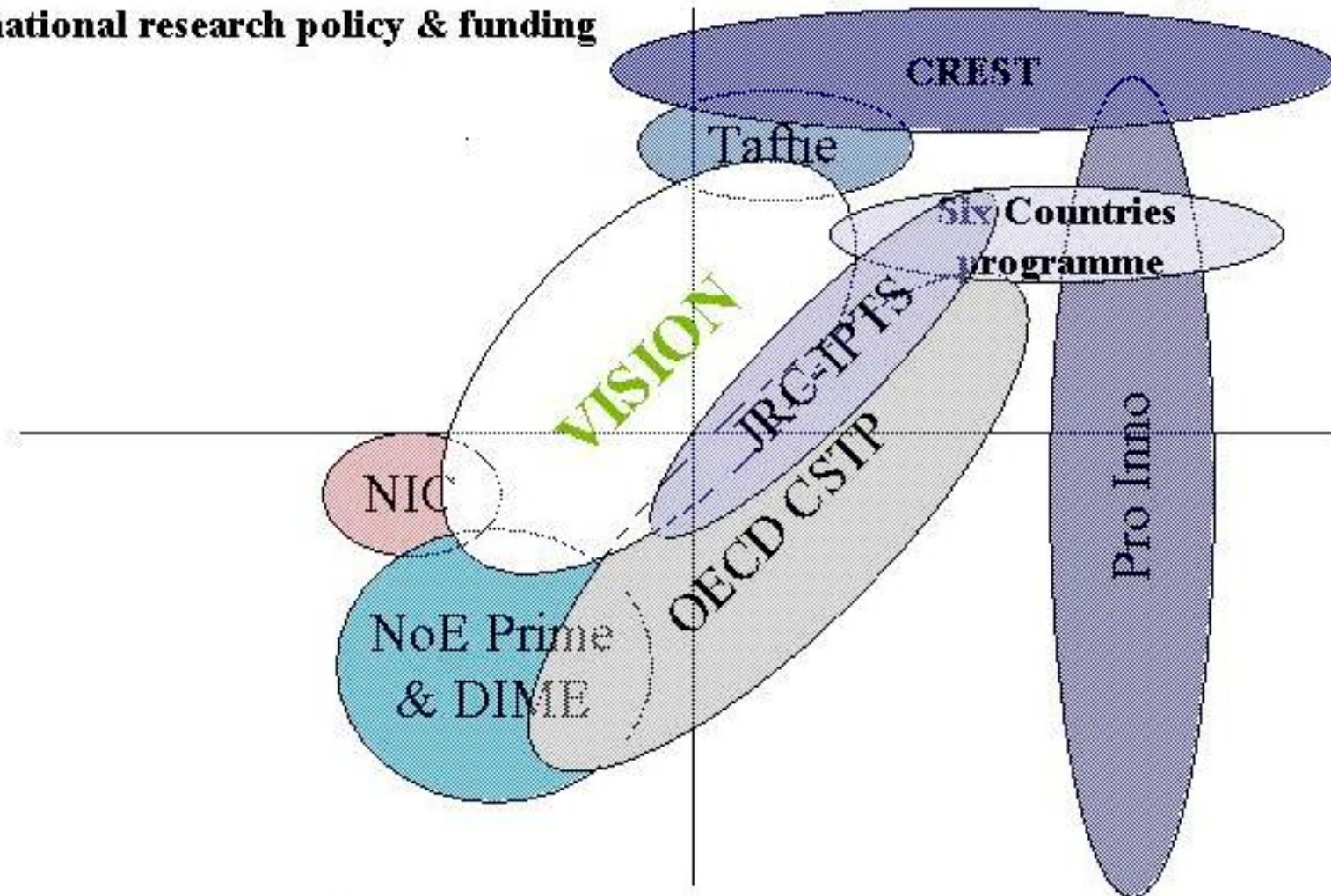
COLLABORATION AND COORDINATION

- OECD Committee for Science and Technology Policy
Science, Technology and Industry Outlook
 - Other benchmark studies
 - Work on indicators
 - NIS
 - MONIT
- Nordic Innovation Center (NIC)
- The Six Countries Programme

VISION ERA-NET

Coordination & collaboration between national research policy & funding

Policy makers – Learning & utilization



**Research community
Transnational collaboration**

**National data output
Comparative analysis**

EUROPEAN COOPERATION IN INNOVATION POLICY RESEARCH

- Over-emphasis of policy learning & policy networks
- Benchmark, indicator, and system comparisons are well developed
- Several initiatives of researcher-level networking

Yet:

- Knowledge needs are mostly national
- Majority of funding is national
- Research and research infrastructures are nationally fragmented
- Collaborative European policy learning remains skewed

VISION ERA-NET - STRUCTURE

- Duration: May 2005 – April 2008.
- Comprises 10 partner countries and 12 organizations:

Finland:	Ministry of Trade and Industry (<i>Coordinator</i>) & Tekes
Sweden:	VINNOVA
Norway:	Research Council of Norway
Denmark:	Ministry of Science, Technology, and Innovation
Estonia:	Ministry of Economic Affairs and Communication
Latvia:	Ministry of Education and Science
Flanders:	Ministry of Flemish Community
Austria:	Federal Ministry for Transport, Innovation and Technology WIFO
Ireland:	Forfás
Netherlands:	Ministry of Economic Affairs
Observer:	EC Joint Research Center for Prospective Technological Studies

NATIONAL RESEARCH PROGRAMS

<u>Country</u>	<u>m€</u>	<u>Years</u>	<u>Program</u>	<u>Owner</u>
Austria	0,27	2004-06	TIP IV	BMVIT BMVWK BMWA
Estonia	0,7	2005-06	Innovation Studies...	MKM
The Netherlands	1,5	2005-09	Dynamism in Innovat.	MINEZ
Sweden	1,2	2003-08	Innovation systems...	VINNOVA
Flanders	2	2002-06	PCR	MVG-AWI
Norway	2,1	2003-06	KUNI	RCN
Finland	2,5	2002-05	ProACT	MTI, Tekes

NATIONAL RESEARCH EFFORTS

<u>Country</u>	<u>Recent focus</u>	<u>Owner</u>
Ireland	Building national of national systems of innovation	Forfás
Latvia	Building national...	MES
Denmark	Globalization and innovation	VTU

NATIONAL KNOWLEDGE BASES

- Countries have developed comprehensive national systems to support innovation policy research and policy learning
- Government research efforts have evolved from individual projects and initiatives to fully fledged research programs in the past 15 years
- Shared knowledge and research needs
- Different national systems of research funding and administration
- Institutional design v. project design

SIMILARITIES BETWEEN THE PROGRAMS

- Knowledge needs
- Development of specialized knowledge systems to support innovation policies
- National research efforts share disciplinary base, e.g. economic theory of innovation, national systems of innovation, evolutionary economics, science, technology & society
- Research focus: Globalization, governance, triple-helix, sectoral innovation systems, entrepreneurship
- Similar proportional size
- Problems in knowledge transfer from research to policy making

DIFFERENCES BETWEEN THE PROGRAMS

- Strikingly different research funding structures and practices
- Institutional set-up of innovation policy research
- Different learning processes and structures
- Few countries explore society & technology-issues

COMPLEMENTARITIES

- National research competencies in some specialized fields
- International collaboration
- Research on complex and large-scale topics, e.g. globalization
- Dataset, qualitative research knowledge, evaluation
- Development of methods

WAYS FORWARD – HOW FAR CAN COORDINATION OF NATIONAL POLICIES GO?

- Common view of research priorities & knowledge needs is important
- Different levels of coordination between national research programmes
 - Exchange of information and benchmarking
 - Synchronization and cooperation between national programs
 - Joint research actions
- It takes time to build capacity for real coordination. Issues:
 - Legal and administrative barriers require changes
 - Synchronization of budget schedules
 - Scope of programmes
 - Different research landscapes
- The balance between national policies and European coordination

THANK YOU!

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