

Towards Joint Programming in Research

**Working together to tackle
common challenges more
effectively**

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Workshop Joint Programming

**Coordinating Research in Europe: New Opportunities
for the Austrian Research Community**

Vienna, 28th September 2011



European Research Area

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European Research Area

What is ERA about?



- 🌈 **A European “single market”** where researchers, technology and knowledge circulate freely across borders
- 🌈 **Effective coordination and better integration** of research activities at national and European level
- 🌈 **Research initiatives** implemented and funded at European level



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Scientific, economic and competitive benefits of the European Research Area



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- Avoiding fragmentation
- Lowering costs of knowledge
- Creating critical mass
 - Scientific excellence
 - Complex projects
 - Scale economy
 - Avoiding redundant investments
 - Attracting industry



→ Free circulation will foster science and competitiveness



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The way forward: ERA by 2014



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ERA Framework and supporting measures

- Announced for 2012 (*Innovation Union Flagship*)

Cross-cutting scope

- Covering **five key areas** with the potential to deliver significant gains for Europe's research system:
 - researchers
 - research infrastructures
 - cross-border operation of research, researchers and research institutions within the EU → *i.e. Joint Programming*
 - knowledge transfer and open access
 - international cooperation



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Towards an ERA Framework



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- ERA FW ↔ Horizon 2020
- Analysis of barriers that hamper ERA completion
- Public stakeholders'** consultation to involve all research actors in ERA policy-making
- Adoption of ERA Framework in 2012
- Measures aiming at completing ERA by 2014

**Have your say!
Participate in the ERA
public consultation:**

13 Sept -30 Nov 2011

www.ec.europa.eu/research/era




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Joint Programming

1. Joint Programming : Why & What ?

-  Definition and rationale

2. Joint Programming : How ?

-  Approach according to Council Conclusions

3. Joint Programming: Now

-  Progress of the Joint Programming process

4. Joint Programming in the future

-  Recent developments

5. ERA Framework Public Consultation

-  Cross-border operations



1. Joint Programming (Definition) (1/1)



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Member States engaging

- voluntarily and on a **variable geometry basis**
- in the **definition, development and implementation of common strategic research agendas**
- based on a **common vision** on how to address **major societal challenges**.

It may involve **collaboration** between **existing national programmes** or the **setting up of entirely new ones**.

It entails putting resources together,

- selecting or developing the most appropriate instrument(s), and
- collectively monitoring and reviewing progress.



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1. Joint Programming : What ? (1/2)

A Strategic Process

- Ambition,
- Scope, critical mass, long-term horizon
- Clearly defined strategy

A Structured Process

- New mindset where Member States consider EU added value,
- Sound methodology, appropriate governance structure,
- Clear rules of the game
- Subsidiarity (EU & MS), Openness, Transparency, Accountability

A Structuring Process

- Lasting impact on European research landscape
- Creating a new reference frame for public research (ERA Frame)
- Lasting, deep commitment from Member States





2. Joint Programming: How? (2/1)

Implementation of the JP Initiatives

A three-stage process (*inspired by European Technology Platforms*):

- 1. Development of a Common Vision with long term objectives**
- 2. Translate it into a Common Strategic Research Agenda (SRA) with SMART objectives, based on assessment of existing strengths and capabilities**
- 3. Implementation of the SRA**
 -  Choose appropriate mix of instruments from the toolbox of public research instruments (regional, national, European?)
 -  Regular monitoring & evaluation against SMART objectives
 -  Regular reporting of results to political level

+ Lesson learned from pilot JPI :

**as soon as common will & vision are agreed,
define a solid management plan/board**

Joint Programming in a nutshell



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- ◆ **2/12/2008** Council conclusions on JP and “Alzheimer’s” JPI
- ◆ **3/12/2009** Identification of 3 first JPIs by GPC and Council
Commission Recommendations, then Council Conclusions on the basis of themes identified by the Joint Programming Group (GPC)
- ◆ **26/5/2010** Identification of 6 “second wave” Joint Programming themes by the GPC and the Council
- ◆ **4/11/2010** GPC adopts JP report, incl. 2010 Guidelines for Framework Conditions on Joint Programming

- ◆ **3/12/2009** Council adopts pilot Neurodegenerative Diseases JPI
- ◆ **12/10/2010** Council Conclusions on 3 first wave JPIs
- ◆ **25/11/2010** Council Conclusion on JP, First JP report to Council
- ◆ **During 2011** Launch of first joint activities by “first wave” JPIs
- ◆ **By end 2011** Commission Recommendations on 2nd wave JPIs



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Identification of JPIs



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First wave, **SELECTED** in 2009, **LAUNCHED** in 2010

JPI	Countries (Source: era.gv.at)
Neurodegenerative diseases (JPND) (Alzheimer's)	22 MS participating
Agriculture, Food Security and Climate Change (FACCE)	20 MS participating > Austria is a member
Cultural Heritage and global change: a new challenge for Europe	15 MS participating, 8 observing > Austria is an observer
Healthy diet for a healthy life	21 MS participating > Austria is a member



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Identification of JPIs



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Second Wave JPIs, selected in 2010

JPI	Supporting Countries (Source: era.gv.at)
More Years, Better Lives (Demographic Change)	14 MS participating, 2 observing > Austria is a member
Anti-Microbial resistance	15 MS participating
Healthy and Productive Seas and Oceans	11 MS participating, 5 observing
Water Challenges for a Changing World	14 MS participating, 6 observing > Austria is an observer
Connecting Climate Knowledge for Europe (Clik'EU)	12 MS participating, 3 observing > Austria is a member
Urban Europe	15 MS participating > Austria is co-chairing



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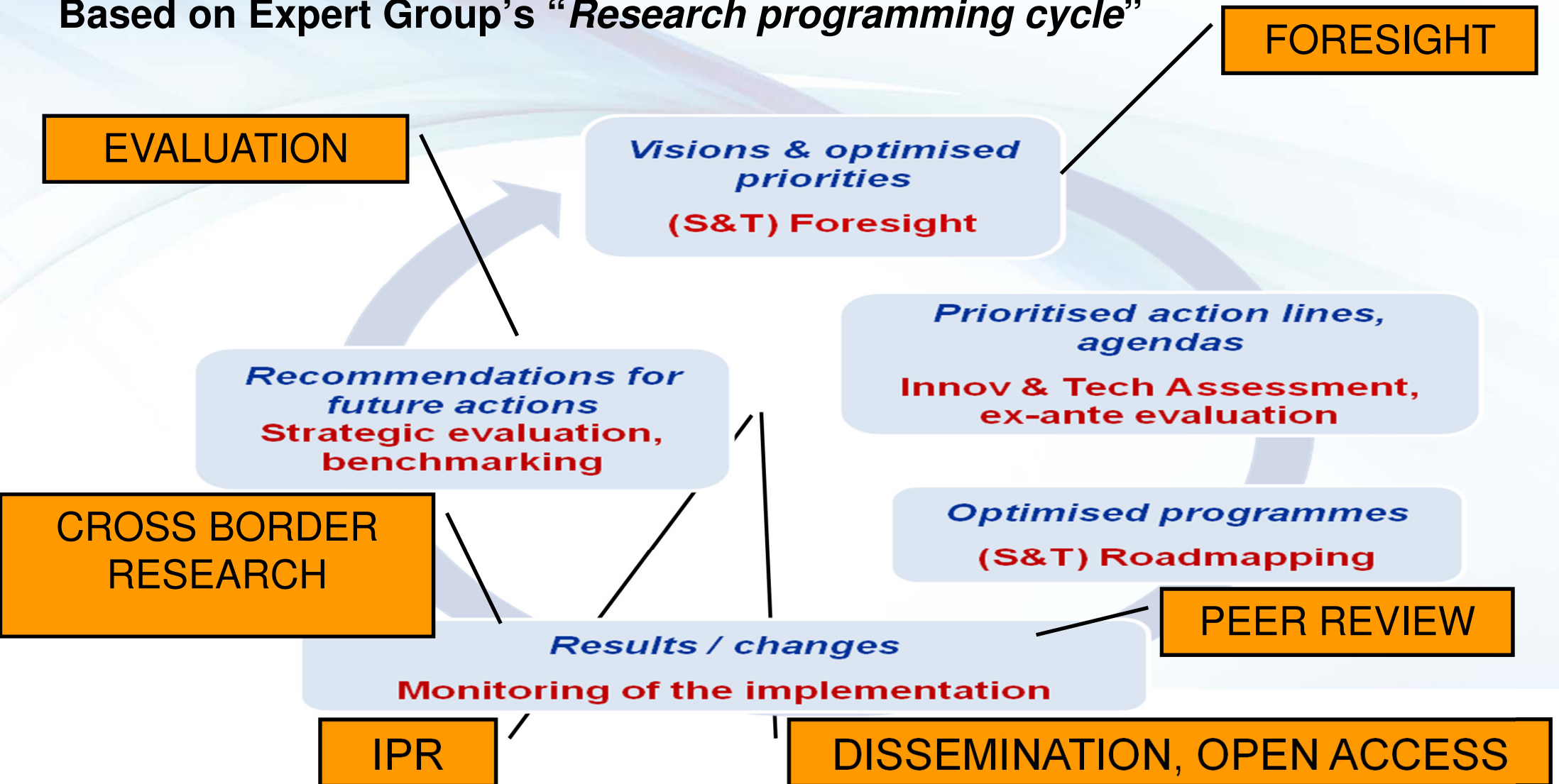
2. Joint Programming: How? (2/1)



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A WORKING METHOD

Based on Expert Group's "Research programming cycle"





2. Joint Programming: How? (2/2)



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Enabling tools to facilitate implementation

-  During 2010, the GPC with the support of the Commission as well as ESF and EUROHORCs developed voluntary guidelines
Framework Conditions for Joint Programming in Research
-  FC Guidelines endorsed by Council in November 2010

→ Online:

http://ec.europa.eu/research/era/docs/en/voluntary_guidelines.pdf








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4. JP in the future and recent developments (4/1)



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-  It is expected that all six 2nd wave JPIs will be adopted by the Commission and by the Council by the end of 2011 – Commission required Commitment letters from participating governments
-  CSAs as support for the further development of the JPIs will be opened in 2012
-  A platform for refinement and monitoring of the FC Guidelines is funded by the EC as of October 2011
-  In parallel the GPC is contributing to the development of a possible ERA Framework relating to cross-border operation of research
-  Place of JPIs in the Innovation Union and relationships between JPIs and EIPs



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5. ERA Framework Public Consultation (5/1)



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Why a public consultation on ERA ?

- Complete change of economic environment
- Call for a new level of ambition (legally and politically)
- Lisbon Treaty : ERA as a means to strengthen EU's scientific and technological basis
- European Council conclusions 04/02/2011: ERA to be completed by 2014

Objectives

- Identify ERA's more important objectives & gather views and evidence on the remaining gaps for its completion in 2014
- Reinforce Commission's analysis of the key issues to be addressed
- Gather views on their importance
- Orientations on possible actions to remedy some of the obstacles



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5. ERA Framework Public Consultation (5/2)



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Target Groups

- EU Member States and Associated Countries and their stakeholders (e.g. research performing organisations including universities, funding organisations, researchers, private sector and civil society)

Timing

- From 13.09.2011 to 30.11.2011

Results

- summary of results of the consultation will be published on the ERA portal
- <http://ec.europa.eu/research/era>
- Presentation & discussion at a wrap-up event with stakeholders in January 2012

Consultation document

-  http://ec.europa.eu/research/consultations/era/consultation_era.pdf



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Joint Programming - specific obstacles: cross-border operation



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- **Recent progress:** ERA-NETs, ART. 185 TFEU, JTIs, Joint Programming Initiatives, voluntary common approaches, e.g. DACH, Lead Agency.
- **Key issues:** cross-border combined effort to tackle major challenges; cross-border research with national funds; incompatibilities between systems, rules, definitions, priorities, etc.
- **Size:** difficult to estimate – 4.5% coordinated X-border
- **Research impact:** sheltered research less innovative; EU centres of excellence not emerging
- **Economic:** potential missed opportunities to attract talent & investment; duplication



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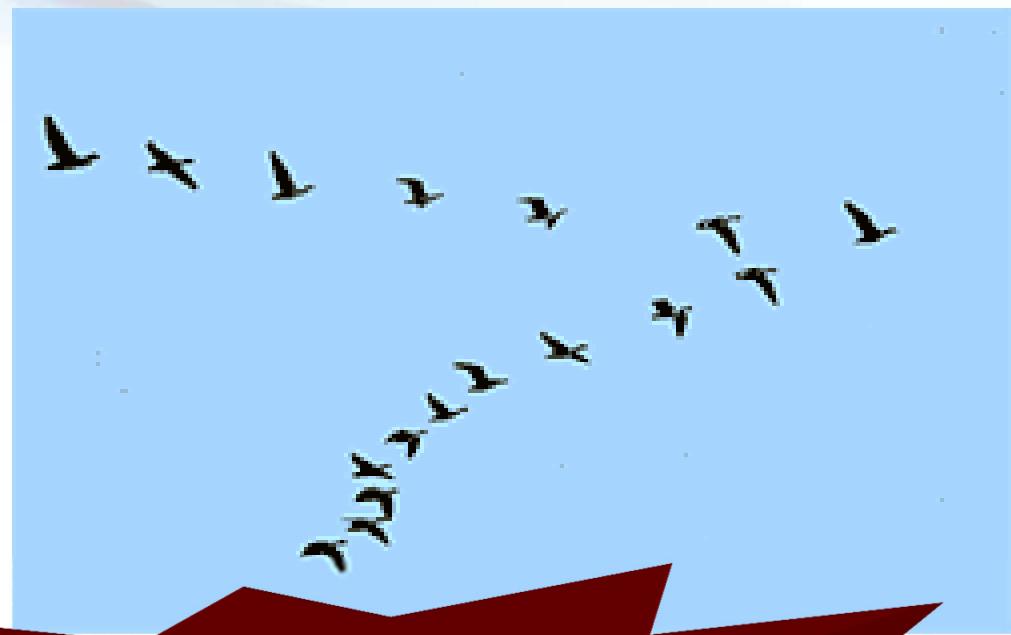
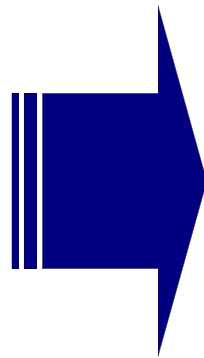
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Governance is key for an effective Joint Programming



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Nature shows us the way: Birds coordinating their efforts



71 % gain of efficiency !



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Thank you for your attention

http://ec.europa.eu/research/era/areas/programming/joint_programming_en.htm

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