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European  
Research Area

# The strategic European framework for international S&T cooperation

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European Research Area

# Outline

- **Rational**
- **The political context of International Cooperation**
- **The strategic European framework for international S&T cooperation as one of the five ERA initiatives for 2008**
  - **Key strategic goal**
  - **Principles underlying the strategic framework**
  - **Orientations for action**
  - **Governance**

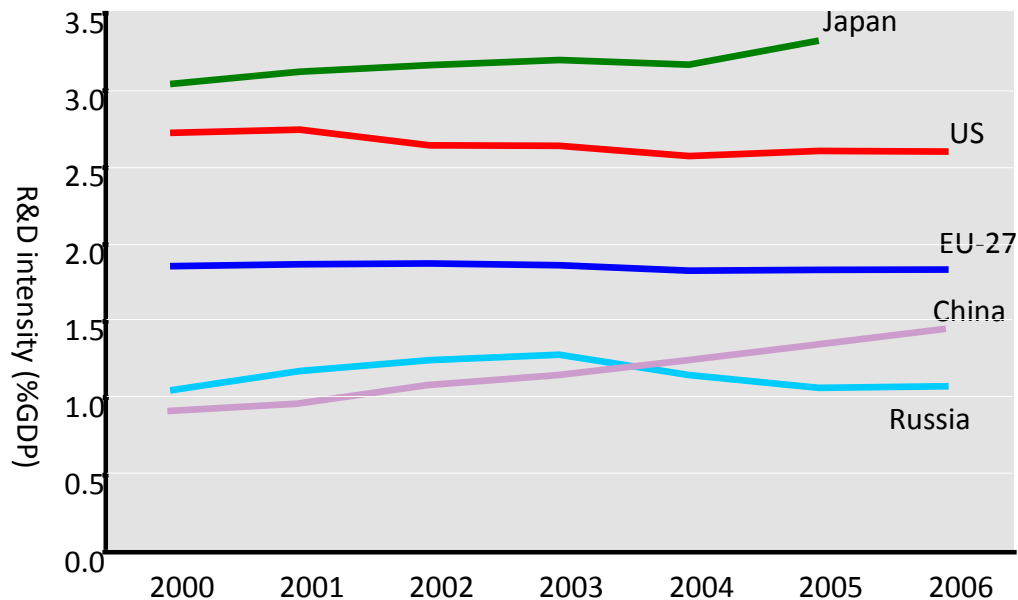
## Why focus now on S&T international cooperation?

- Major global challenges (climate change, securing energy supplies, biodiversity and ecosystems, etc) need effective global S&T cooperation
- Changing pattern of research expertise and investment
- Growing level of international competition for researchers
- Increasing cost of research infrastructures
- Lack of co-ordination between Member States and with the EU on research with third countries

# Our global position in numbers

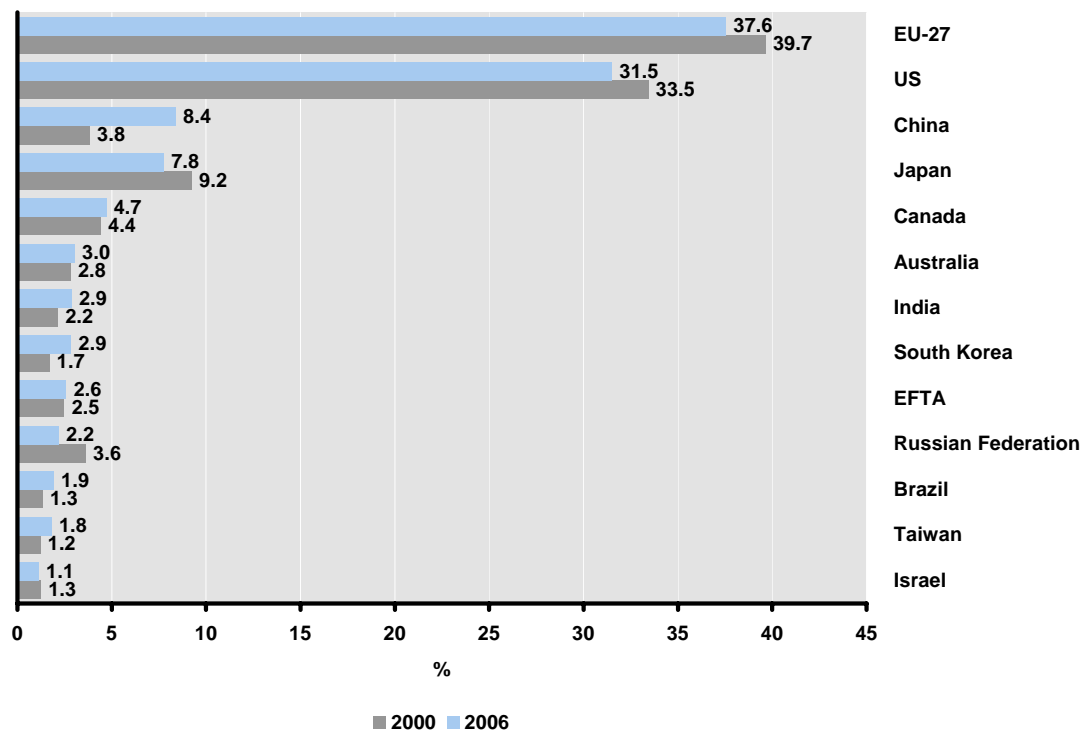
- Investment in R&D:

	R&D investment (%GDP)	R&D funded by private sector (%)
EU-27	1.8	55
US	2.6	64
Japan	3.3	75
China	1.4	65



# Our global position in numbers

Figure I.3.1 World shares of scientific publications (%) <sup>(1)</sup>, 2000 and 2006



Source: DG Research

Data: Thomson Scientific / CWTS, Leiden University

Notes: (1) Full counting method was used at country level. At the aggregate EU level, double countings were avoided.

(2) CN : Hong Kong is included in the data for 2000.

Key Figures 2008

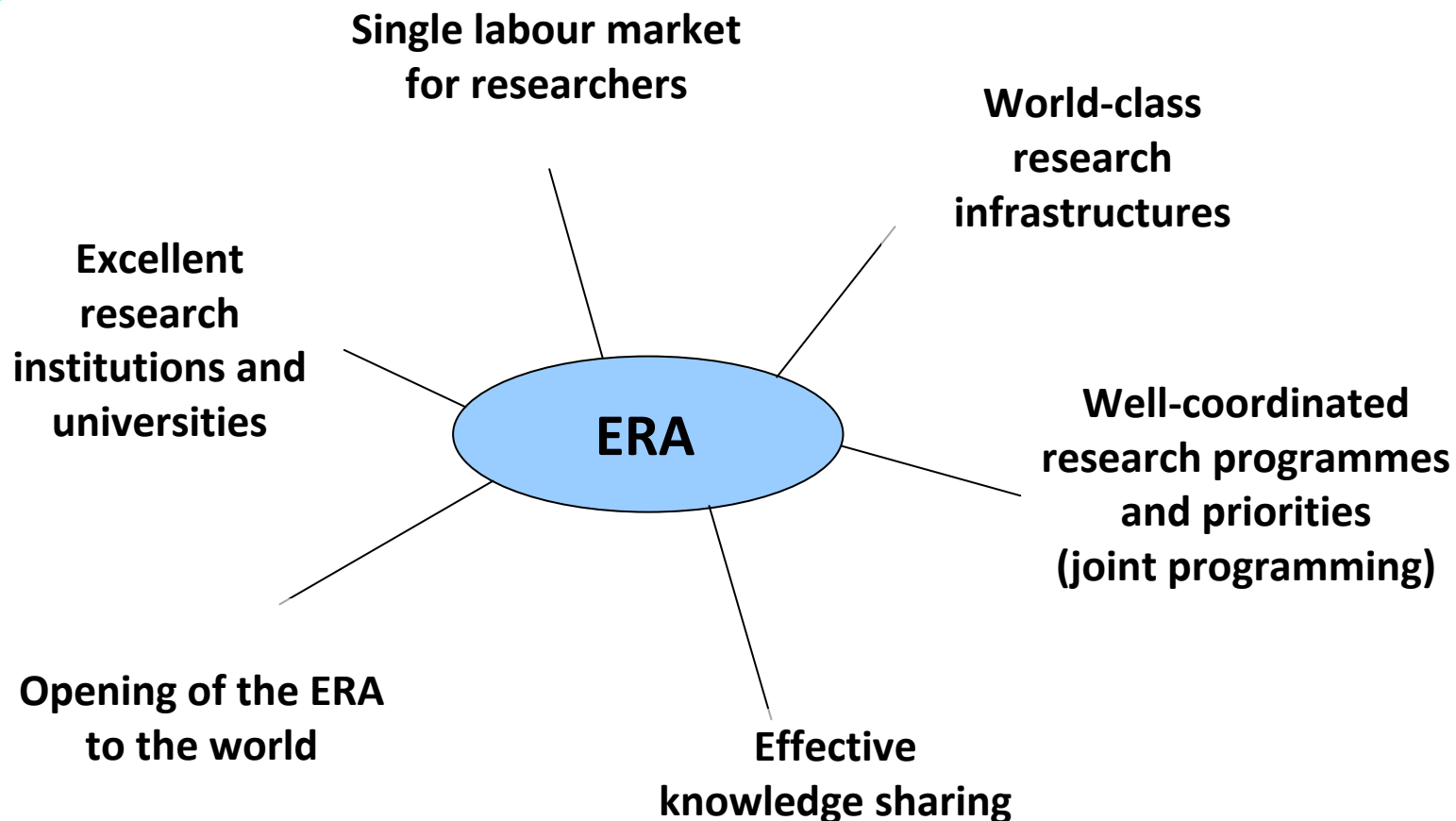
# **The political context of International Cooperation :**

it is an important component of the  
further development of a European  
Research Area open to the world

# Ljubljana Process

- **Agreement on broad principles to develop the European Research Area, now known as the Ljubljana Process.**
- **We need to:**
  - **Work together in partnership between all Member States, associated states and the Commission;**
  - **Agree a common long-term vision for the future of ERA as the basis for our future actions and initiatives; and**
  - **Enhance the governance of ERA, notably with better political steering at the ministerial level.**

# ERA building blocks



# **The strategic European Framework for international S&T cooperation:**

*By strengthening the partnership between the Member States and the European Community can European international S&T cooperation contribute effectively to stability, security and prosperity in the world*

# Key strategic goal

## Main objectives of the Framework:

- **contribute to sustainable development worldwide**
- **foster Europe's excellence in science and technology.**

# Principles and orientations for action

**The European framework consists of :**

- **a number of core principles and**
- **orientations for action.**

# Principles underlying the strategic framework

- **Widening the ERA and making it more open to the world**
- **Ensuring coherence of policies and complementarity of programmes**
- **Fostering strategic cooperation with key third countries**
- **Developing the attractiveness of Europe as a research partner**
- **Launching results-oriented partnerships on information society regulation**
- **The European Community and Member States working together**

# Orientations for action

## Strengthening the international dimension of the ERA:

- **Integrating Europe's neighbours into the ERA**
- **Fostering strategic cooperation with key third countries**

# Orientations for action

## **At the level of the European Community:**

- ***Strategic cooperation with third countries will continue to be fostered at Community level through the EC bilateral S&T agreements.***
- ***Specific instruments under FP7 have reinforced this (SICAs, coordinated calls)***
- ***Sharing information on future initiatives under these agreements makes for closer coordination between Member States and the EC.***
- ***Bi-regional approach towards country groupings (e.g. ASEAN) will be explored***

# Orientations for action

- 2) Improve the framework conditions for international S&T cooperation:**
- **Tackling scientific challenges through global research infrastructures**
  - **Mobility of researchers and global networking**
  - **More open research programmes**
  - **Intellectual Property Issues**
  - **Pre-standardisation**

**Needs an appropriate institutional setting within the context of the Ljubljana process to:**

- **Establish close and long-term partnership between Member States and the European Community**
- **Share objectives, formulating and implementing common European research agendas vis-à-vis third countries/international fora**
- **Engage in joint activities and pooling of resources**

- **Implementing a sustainable partnership**
  - **Commitment from Member States, the Council and the Commission**
  - **The Council to identify the appropriate institutional settings for effective implementation = Council Conclusions on 2 December**
  - **The Council to oversee and monitor progress of the further opening of the ERA**



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**Thank you for your attention!**