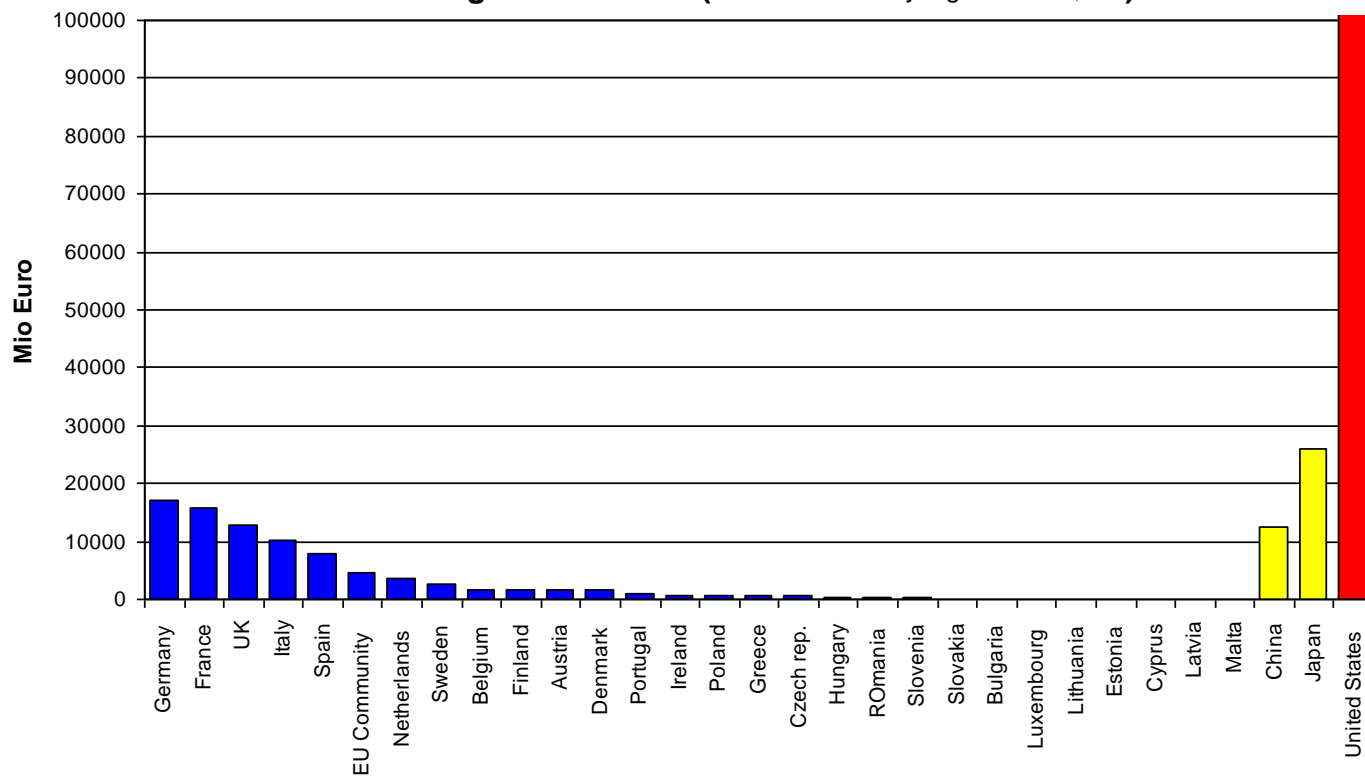


Joint Programming in Neurodegenerative Disease Research (JPND)

Coordinating approaches to research across Europe

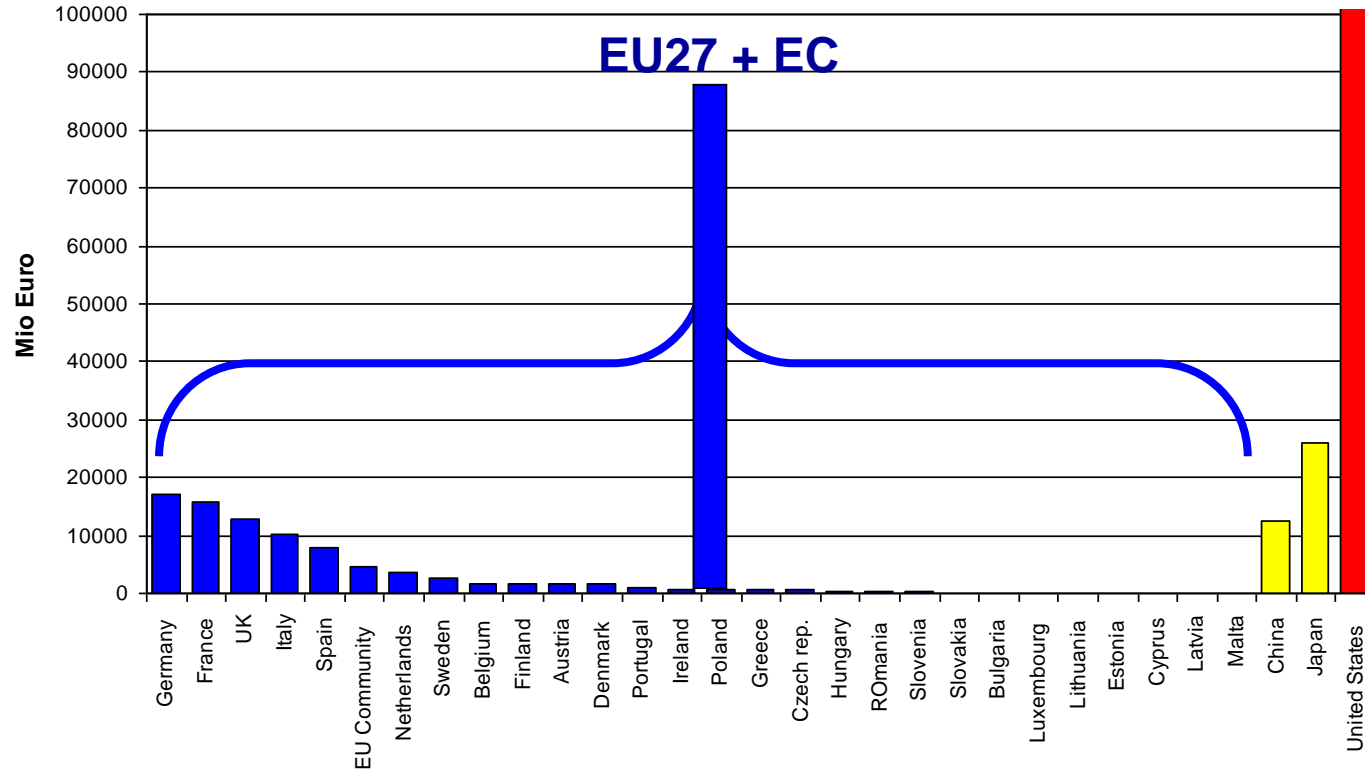
A compartmentalised ERA

Public Funding for Research (Source : ERA Key Figures 2007, EC)



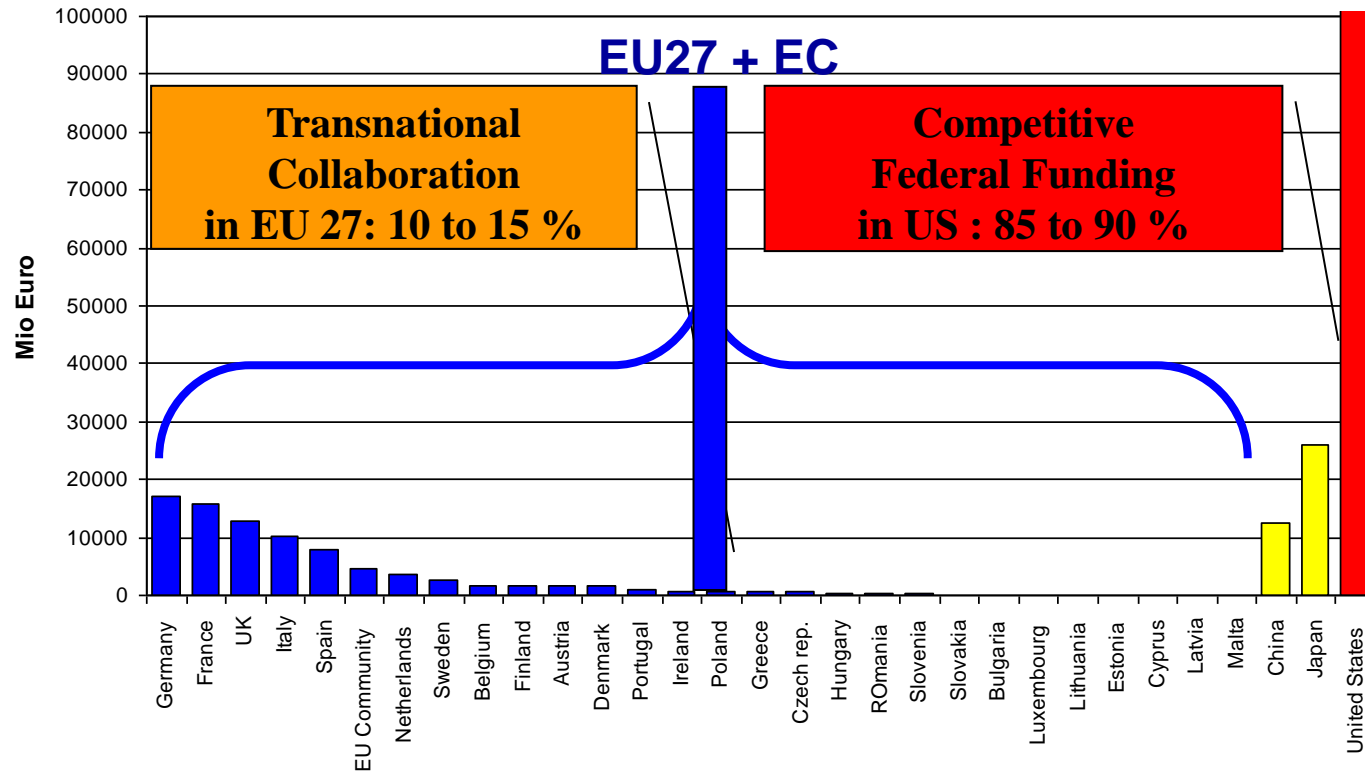
A compartmentalised ERA

Public Funding for Research (Source : ERA Key Figures 2007, EC)



A compartmentalised ERA

Public Funding for Research (Source : ERA Key Figures 2007, EC)



Major societal « Grand Challenges »

Thematic priorities on the EU level - Joint Programming Initiatives:

1. Joint Program in Neurodegenerative Disease Research (JPND)
2. Agriculture, Food Security and Climate Change (FACCE)
3. A Healthy Diet for a Healthy Life
4. Cultural Heritage and Global Change: A New Challenge for Europe
5. Urban Europe - Global Urban Challenges, Joint European Solutions
6. Connecting Climate Knowledge for Europe (CliK'EU)
7. More Years, Better Lives - The Potential and Challenges of Demographic Change
8. Antimicrobial Resistance- The Microbial Challenge - An Emerging Threat to Human Health
9. Water Challenges for a Changing World
10. Healthy and Productive Seas and Oceans



What is Joint Programming?

A new *Member States-led* initiative in Europe which aims to address “grand challenges” to EU society by *coordinating* national research programmes within the EU to increase the impact and effectiveness of research efforts.

*Source : Communication from the Commission to the European Parliament, the Council, the European Economic and social committee and the Committee of the Regions toward Joint Programming in Research : Working together to tackle common challenges more effectively
- COM(2008) 468 final, Brussels*



Joint Programming - a definition

Three pillars

- **A shared vision** : European countries engaging voluntarily and on a variable geometry basis to tackle a major societal challenge
- **A management structure** : to address as efficiently as possible this societal challenge
- **A common strategic research agenda** : to be defined, developed and implemented



Overcoming European barriers



- Fragmented Research
- Non-concerted National Funding
- Duplication



JPND brings together

- Researchers (Basic, Clinical, Healthcare/Social)
- National Funding Bodies
- National Research Strategies and Investments



A European Research Area and beyond

We cannot tackle neurodegenerative diseases by acting as single countries

JPND is the largest global ND research initiative led by EU countries, with 30 participating

EU member states

Associated countries

Third countries

Increasing coordination of national research programmes to improve impact and effectiveness

Albania
Austria
Belgium
Canada
Croatia
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary
Ireland
Israel
Italy
Luxembourg
Netherlands
Norway
Poland
Portugal
Romania
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
United Kingdom

What are the JPND goals?

To tackle the challenge of Alzheimer's and other neurodegenerative diseases, the goals of the JPND Research Strategy are:

- *To develop new treatments and preventive strategies*
- *To improve health and social care approaches*
- *To raise awareness and de-stigmatise neurodegenerative disorders*
- *To alleviate the economic and social burden of these diseases (e.g. **7 mil. people in Europe suffering under Alzheimers´ disease, expectation in 2020 – 11 mil. people! Costs : 105 - 160 mld. €/ year**)*



Scope of the initiative

Focus on Three Domains

Scientific

- Animal models
- Biobanks
- Cohorts/registries
- Disease pathology

Medical

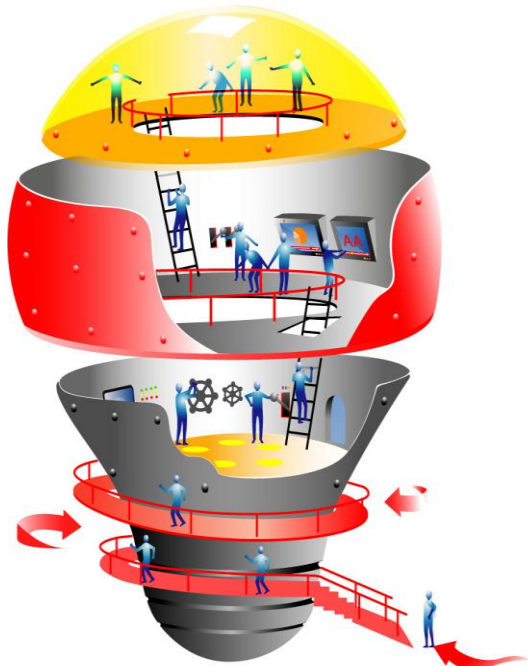
- Early diagnosis
- Prevention
- Clinical trials

Social

- Health care delivery
- Home automation
- Health economics
- Ethics



Organisation



Management Board

- 30 countries represented
- Members mandated to act
- Chair Philippe Amouyel - France

Executive Board

- Vice-Chair Adriana Maggi - Italy
- Robin Buckle - UK
- Mogens Horder - Denmark
- Marlies Dorlochter - Germany

Steering Committee

Executive Board +

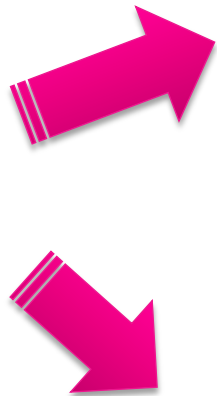
- Grace Kiser - France
- Rainer Girgenrath - Germany
- Edvard Beem - Netherlands

Scientific Advisory Board

- 18 Members, chosen for scientific excellence and competence
- Chair Thomas Gasser - Germany

Defragmentation

– what JPND is all about...



STRATEGIC RESEARCH AGENDA



**ALIGNMENT OF EU COUNTRIES
ON COMMON RESEARCH GOALS**



SRA Implementation (2012-2015)

Annual Calls for Proposals

Year	Total fund	Research Area	No. of Projects
2011 (pilot)	€16M	Optimization of biomarkers + harmonization of their use	4
2012	€18M	Risk and Protective Factors	5
2012	€11M	Evaluation of Healthcare	6
2013	€12M	Cross-Disease Analysis	10
2013	€11M	Preventive Strategies	5
2014	€0.5M	Working Groups Cohort Studies	10
2015	€35.4M	Longitudinal Cohort Approaches; Advanced Experimental Models; Risk and Protective Factors.	21

JPcofuND



2015 Call for proposals – Jpco-fuND

- **Cofunded Call with European Commission**

- **Three topics**

- Longitudinal Cohort Approaches
- Advanced Experimental Models
- Risk/Protective Factors

- **€28.4 million from Member States**

- top-up of €7 million from European Commission

- **Leverage effect**



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- Sign up to the JPND **News Feeds**
- E-mail us: secretariat@jpnd.eu



@JPNDEurope



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JPND Newsletter

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