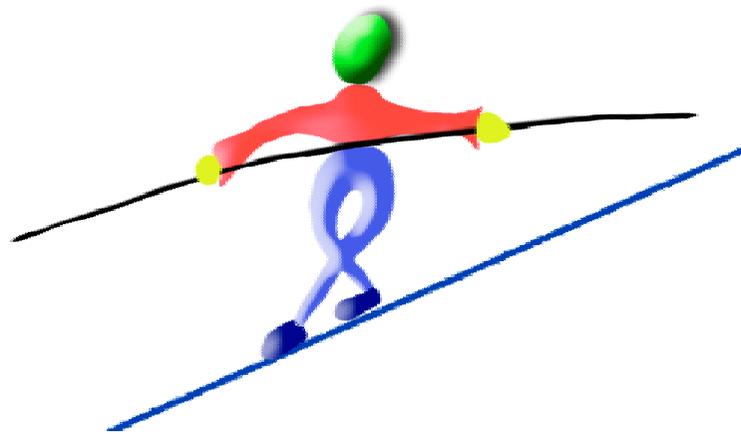


Negotiating the Balance  
between

cooperation

&

competition



Research Partnership in Europe

Dr. Reinhard Grunwald  
London, 13 July 2004

**DFG**

# Courting Europe... Beautiful Bull or Bureaucratic Donkey?

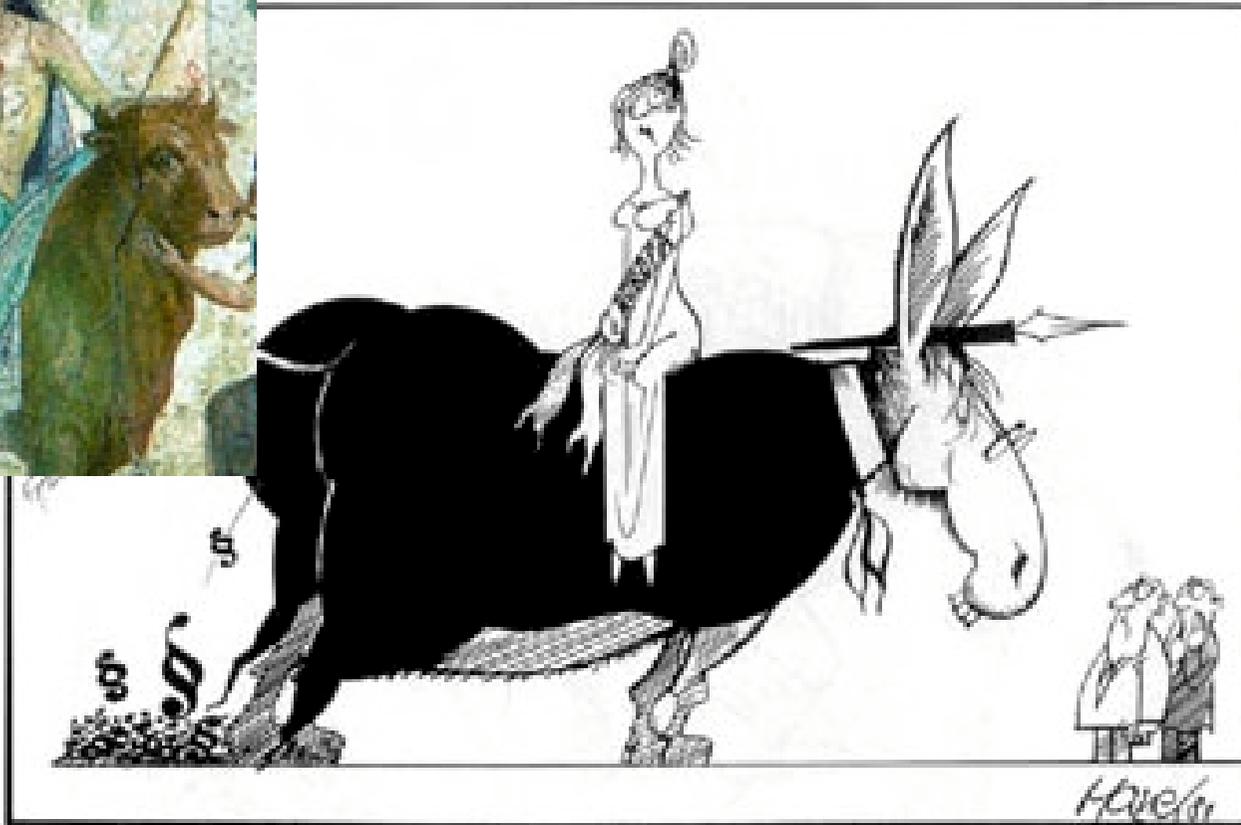
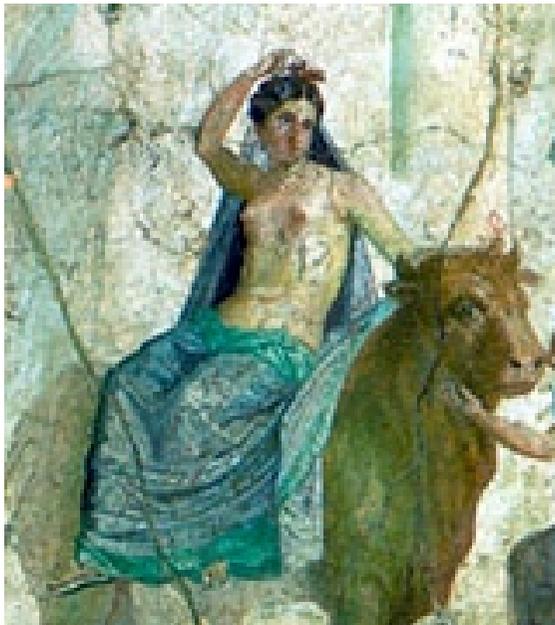


Illustration unter Verwendung von: [http://www.hdg.de/eurovisionen/html\\_eng/th1\\_1.html](http://www.hdg.de/eurovisionen/html_eng/th1_1.html);  
[http://www.hdg.de/eurovisionen/images/vorschau/europa\\_stier\\_vor.jpg](http://www.hdg.de/eurovisionen/images/vorschau/europa_stier_vor.jpg)

# Future of Science and Technology in Europe: ERA



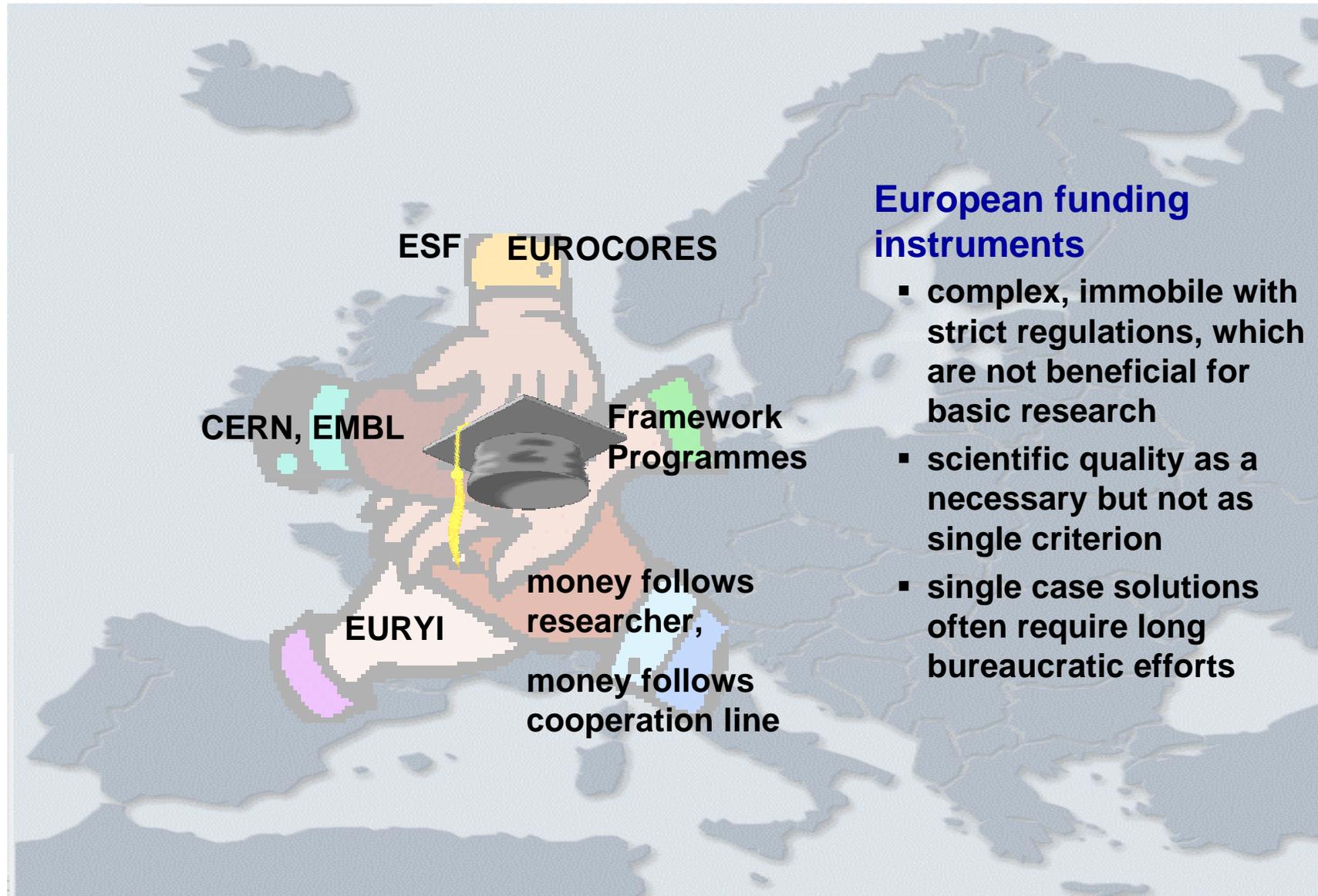
## Six major objectives of EU action

- to create European **centres of excellence**
- to launch **technological initiatives** on an EU scale in promising industrial sectors
- to boost the creativity of **basic research** by means of **competition between individual teams** at European level
- to make Europe **more attractive** to the best researchers
- to develop **research infrastructure** of European interest
- to strengthen **coordination** between national research programmes

Source: "The Commission presents its ideas on the future of science and technology in Europe", Brussels, 16.06.04, IP/04/750

Illustration taken from: <http://www.uepg.org/images/flagge.jpg>

# Existing Forms of Partnership



# How to Encounter the Future Challenges?

**increasing complexity  
of research questions**

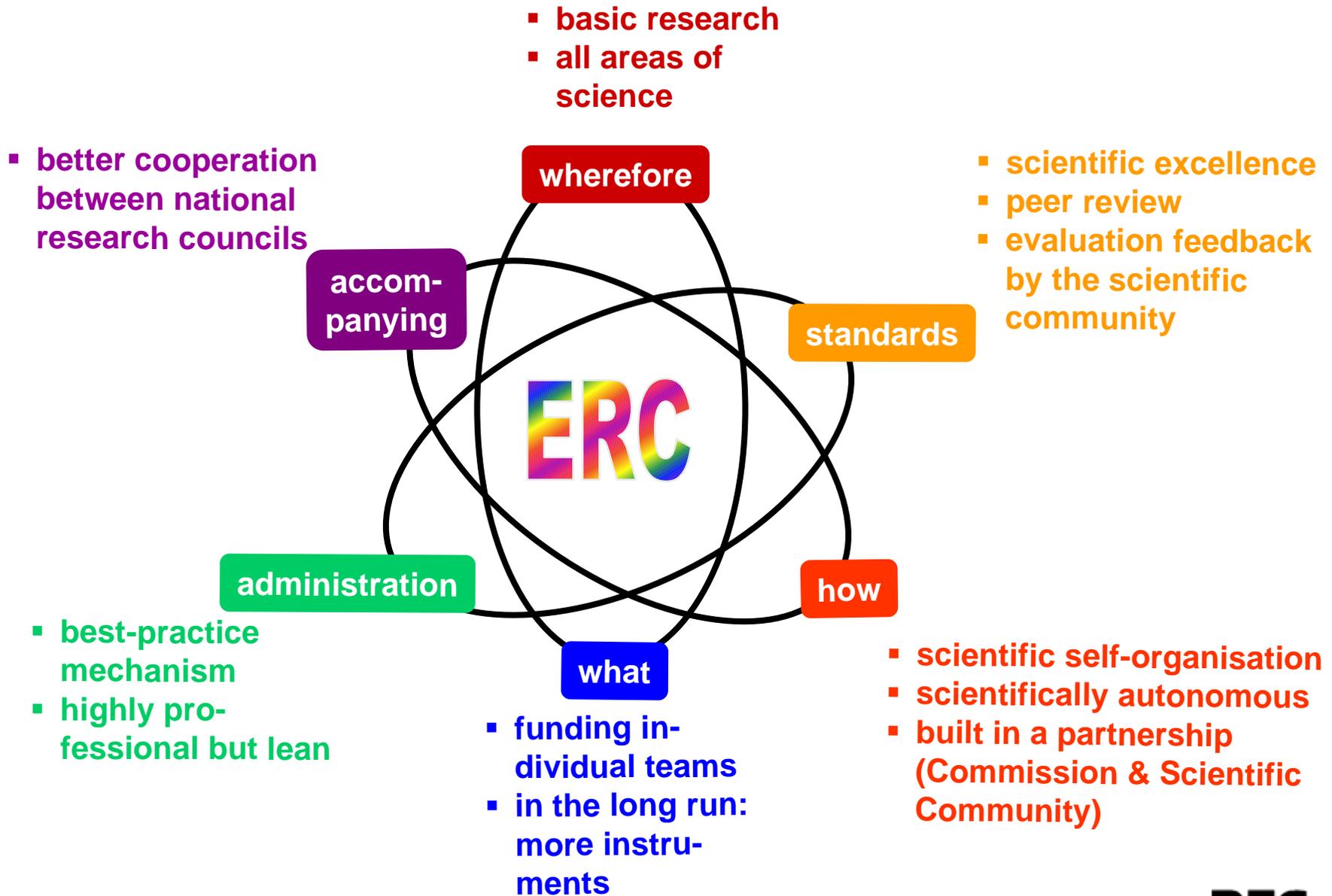
**improvement of the overall  
R&D performance in Europe**



**research  
funding has  
to focus on  
creative  
people and  
innovative  
projects**

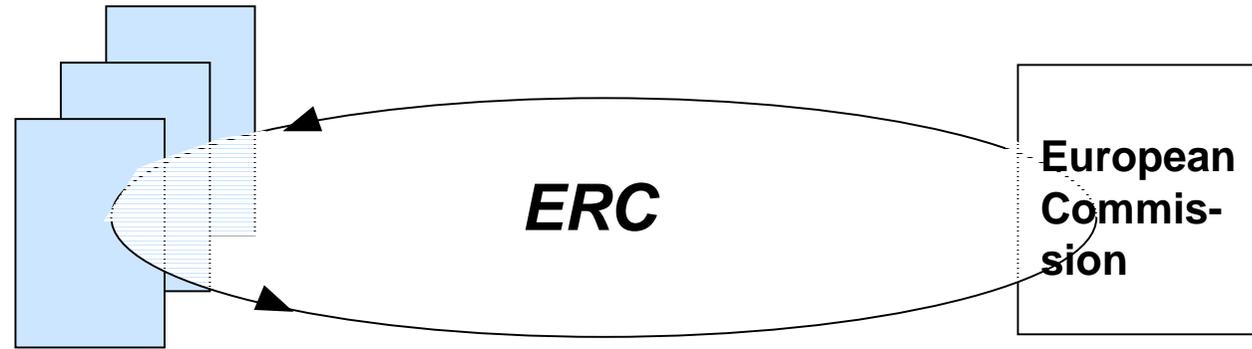
**what can be  
influenced  
and planned  
are the  
framework  
conditions**

# Essentials for an ERC

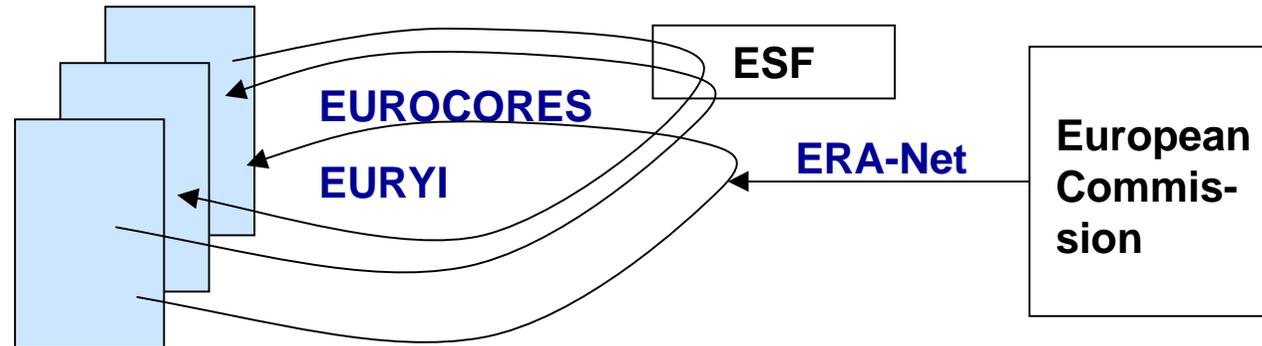


# Different Levels of Interaction

ERA



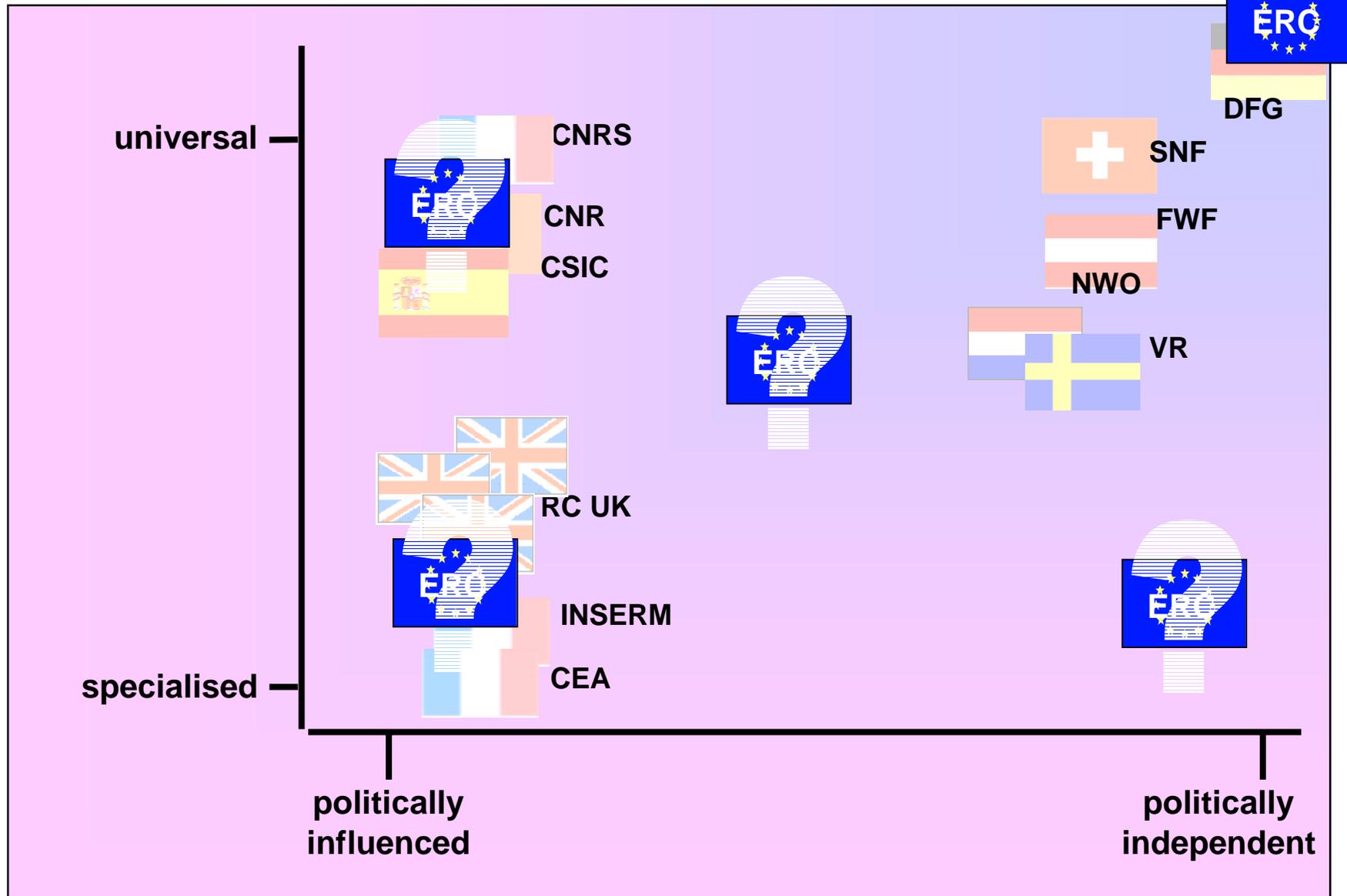
multilateral  
agency  
interaction



bilateral  
agency  
inter-  
action



# Positioning the ERC



## The Legal Framework



### *Art. 163 EC*

***The Community shall have the objective of strengthening the scientific and technological bases of Community industry and encouraging it to become more competitive at international level, while promoting all the research activities deemed necessary by virtue of other chapters of this Treaty***

### *Art. 171 EC*

***The Community may set up joint undertakings or any other structure necessary for the efficient execution of Community research, technological development and demonstration programmes.***

## What Kind of ERC ?

- a. The ERC as an **Executive Agency** under regulation 58/2003
- b. The ERC as a **European agency**
- c. The ERC as an **Joint Undertaking** as e.g. foundation (Art. 171 EC)
- d. The ERC as an "other structure", e.g. **foundation** (Art. 171 EC)



**Any legal form for the ERC has to ensure that no criteria besides scientific quality have an impact on its decision making !**

# Form Follows Function ?

	<b>Executive Agency</b>	<b>European Agency</b>	<b>Joint Undertaking</b>	<b>Other structure, e.g. „foundation“</b>
<b>structure</b>	steering committee & directors appointed by Commission	management board with representatives of EP, Commission & member states	structure & administration depending on individual cases	depending on individual cases
<b>examples</b>	Executive Agency for Intelligent Energy	<i>EMEA (European Medicines Agency)</i>	Galileo: under regulation 876/2002	-
<b>advantages</b>	can be implemented in due time ?	+/- independent, no given structure of statutes, procedures etc., could be adapted individually (e.g. upon DFG-pattern)	+/- independent, no given structure of statutes, procedures etc., could be adapted individually (e.g. upon DFG-pattern)	+/- independent, no given structure of statutes & procedures, could be formed upon DFG-pattern & linked to ESF
<b>disadvantages</b>	direct dependency on the Commission, can be suspended by the Commission	-	long process of implementation	legal framework unclear, no previous experience available

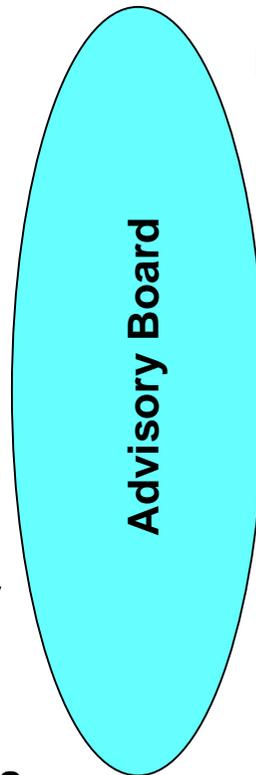
# Autonomy – a Question of Structure ?

Scientific Community

Universities  
and laboratories

National  
Research Councils

European  
Research Organisations

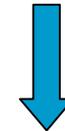


advice



Senate

appointment



advice



CEO / Board of Directors

appointment



panels

+

non  
permanent  
committees

new programmes

peer review of proposals

new funding initiatives

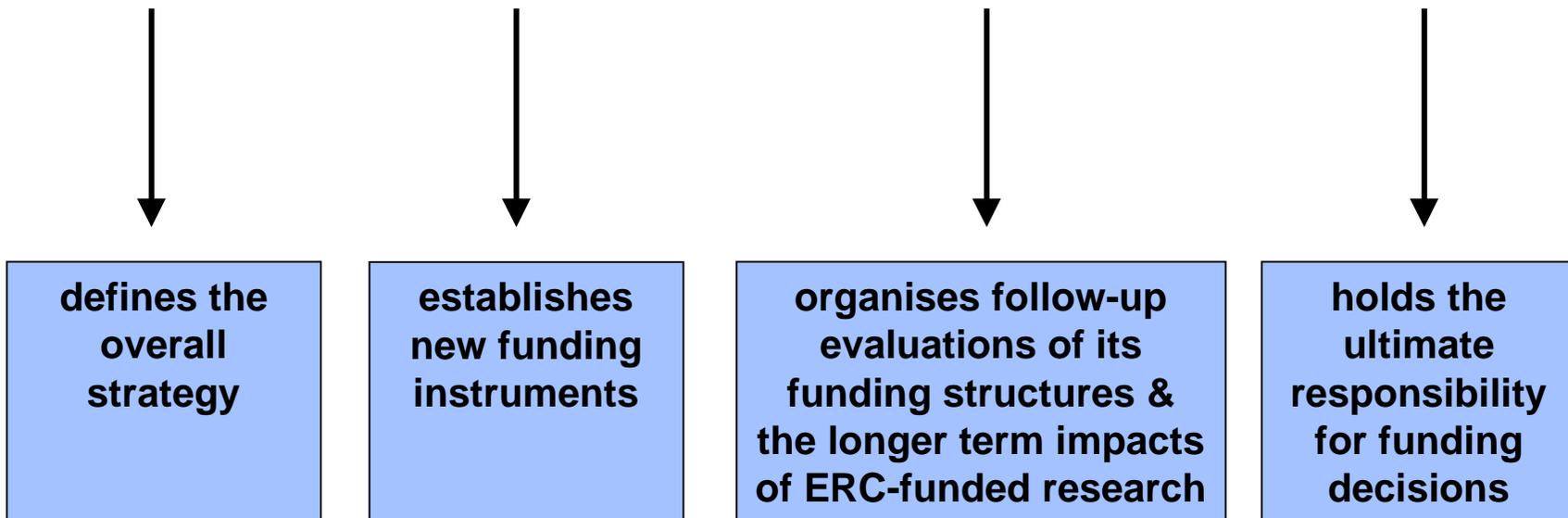
yes, but  
how about allocation of and  
responsibility for money?

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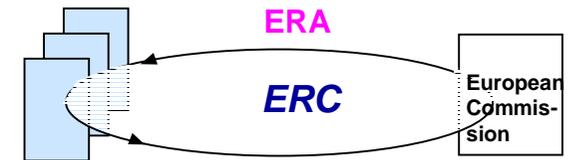
# Senate of the ERC: Composition and Responsibilities

## **Governing Body**

- **composed of researchers of highest reputation**
  - **from academia & "users" of research (e.g. industry)**
  - **representing all fields of science, but no quotas for particular scientific fields, regional distribution, gender, age**
- **no institutional representation of scientific or other European bodies/institutions**



# Challenges and Perspectives



## Pro

### best case

- more intensive competition ...
- draws more money ...
- into a better system than the national ones



## Contra

### worst case

- a lot of money for bad science / scientists results in ...
- a loss for national good science / scientists

1. How best to create an international peer review system?
2. How best to juggle the interests of national research agencies and a European Research Council?
3. How best to integrate international research cooperation outside Europe?





**DFG**

Illustration unter Verwendung von: <http://perso.wanadoo.fr/alain.calloch/images/daumier.GIF>