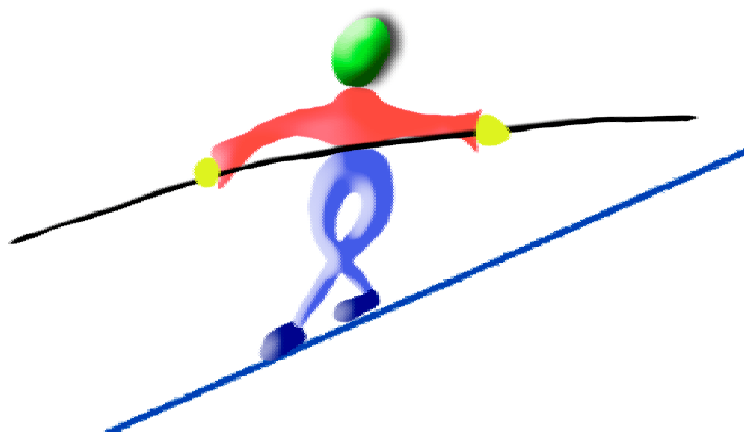


Negotiating the Balance between

cooperation

&

competition

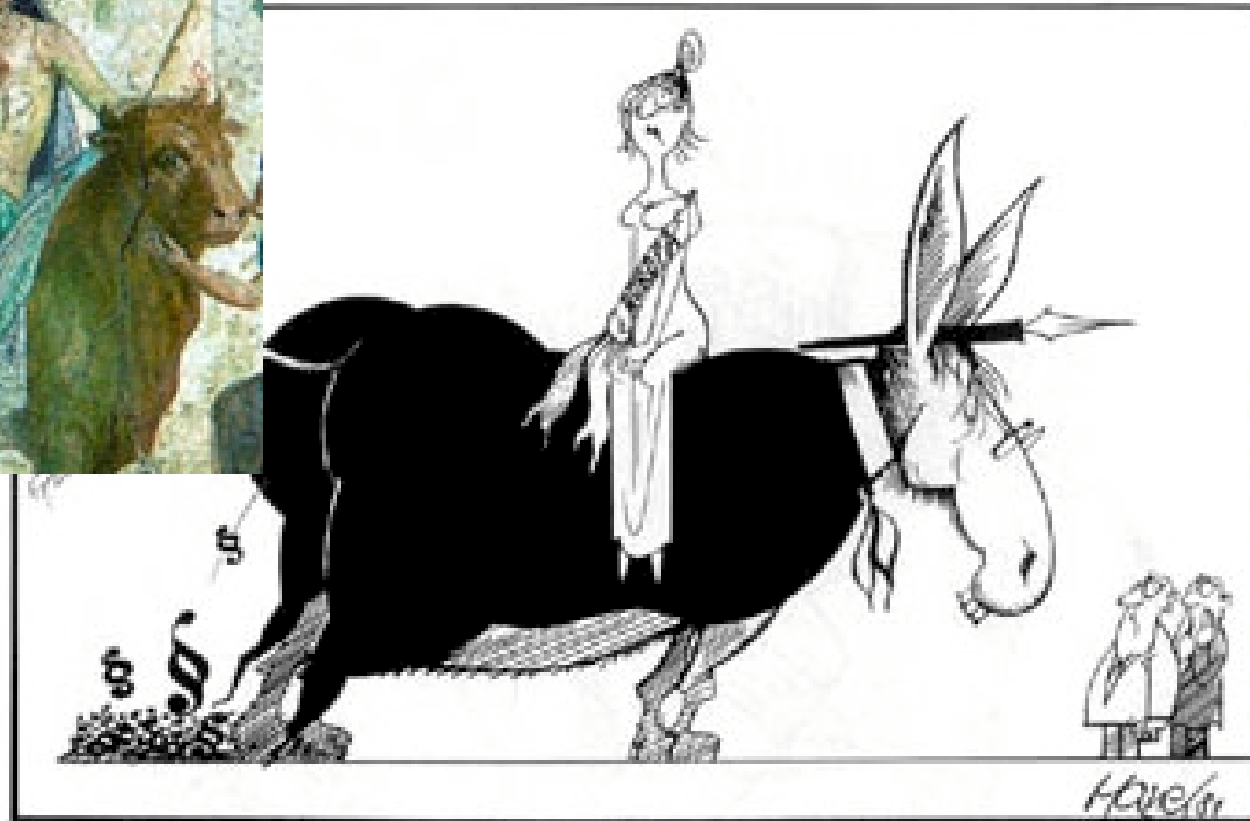
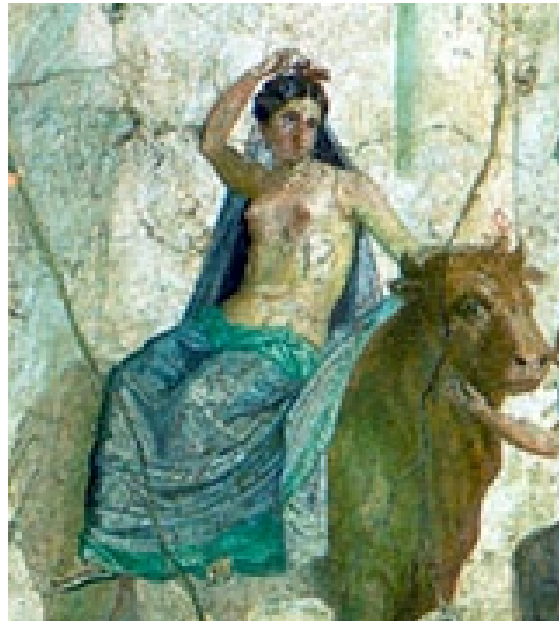


Research Partnership in Europe

Dr. Reinhard Grunwald
London, 13 July 2004

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Courting Europe... Beautiful Bull or Bureaucratic Donkey?



Future of Science and Technology in Europe: ERA



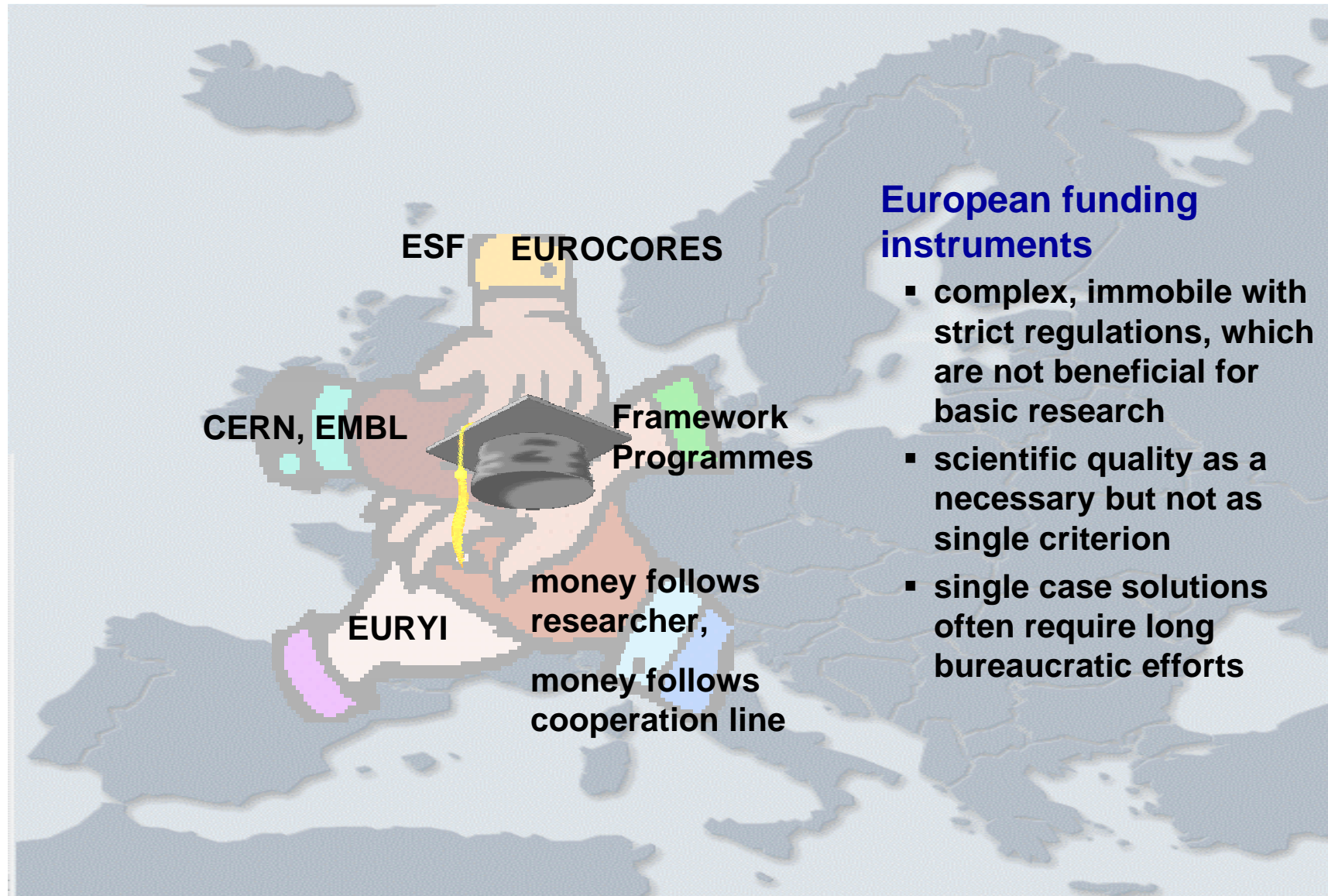
Six major objectives of EU action

- 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**

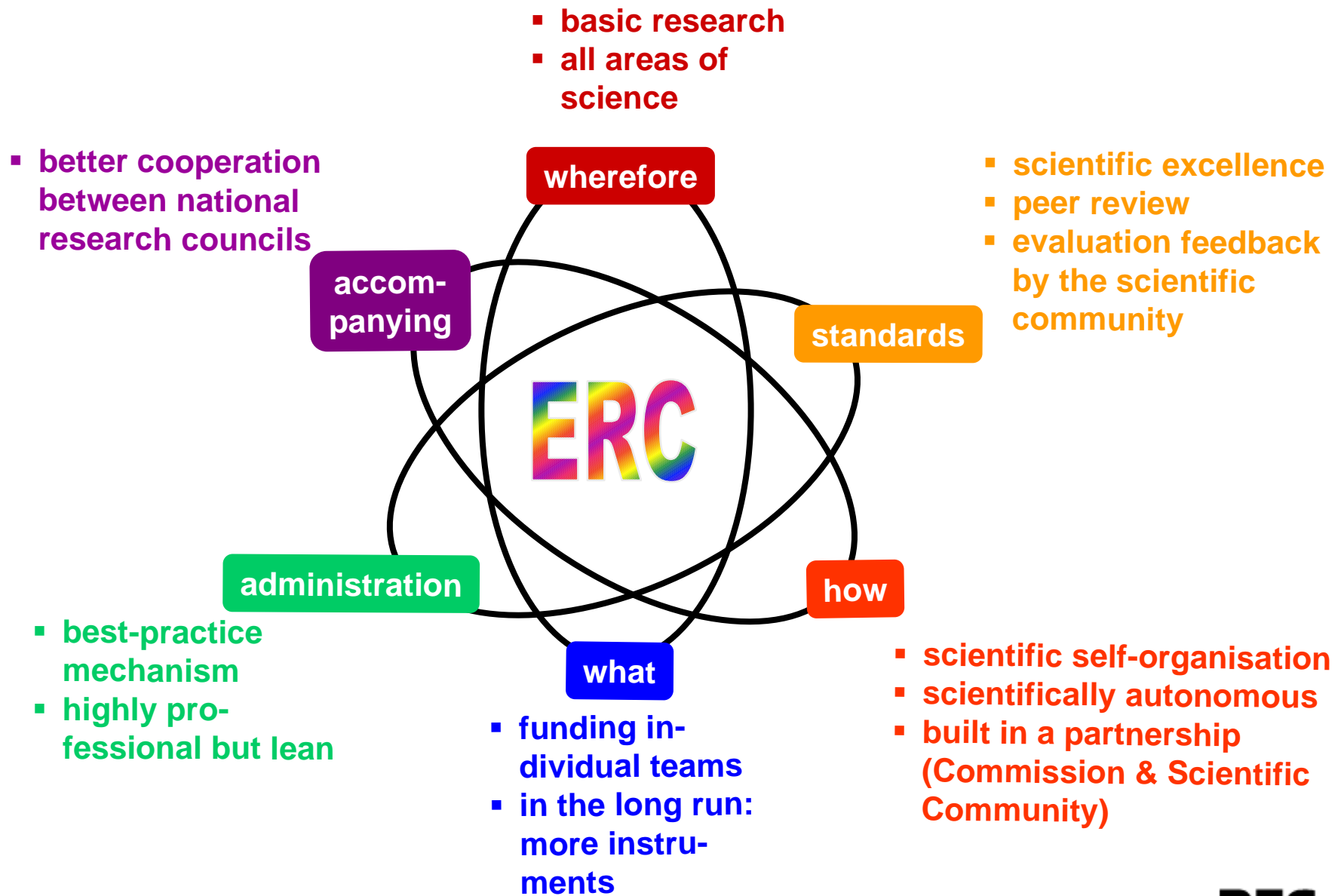
**research
funding has
to focus on
creative
people and
innovative
projects**

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

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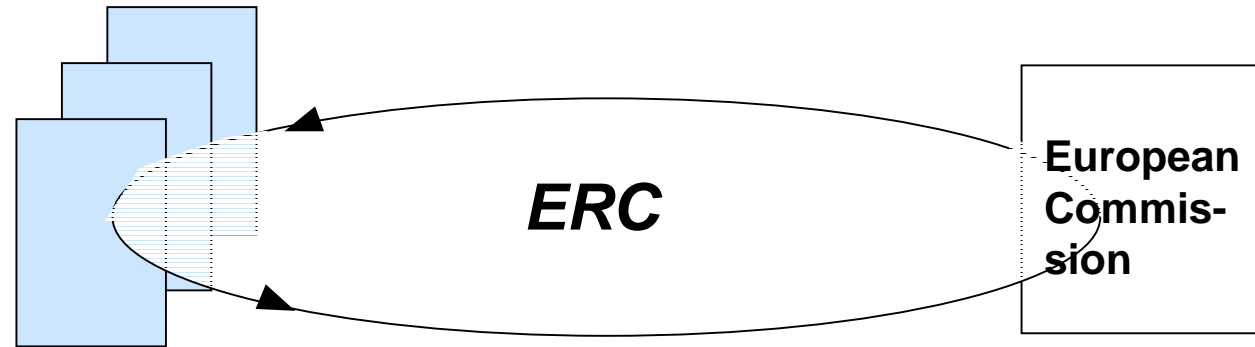
Illustration taken from: <http://www.fmi.uni-passau.de/~hansenk/bilder/slfa/leiter.jpg>

Essentials for an ERC

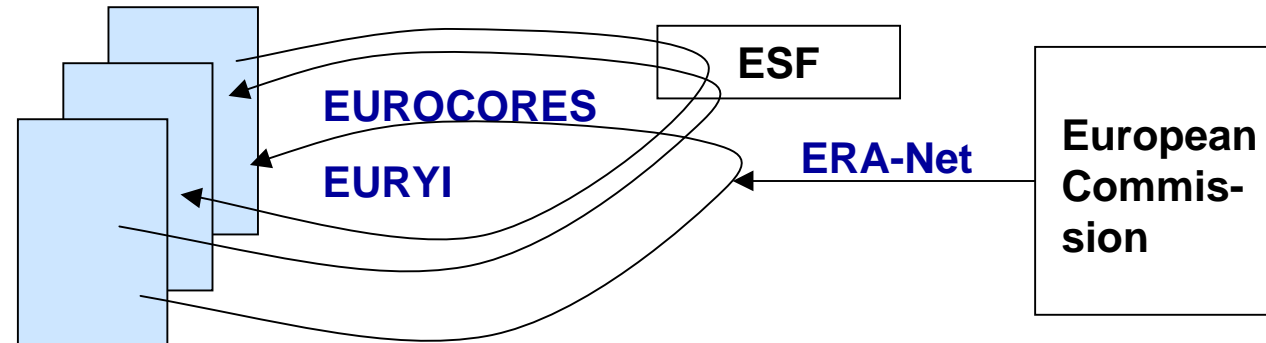


Different Levels of Interaction

ERA



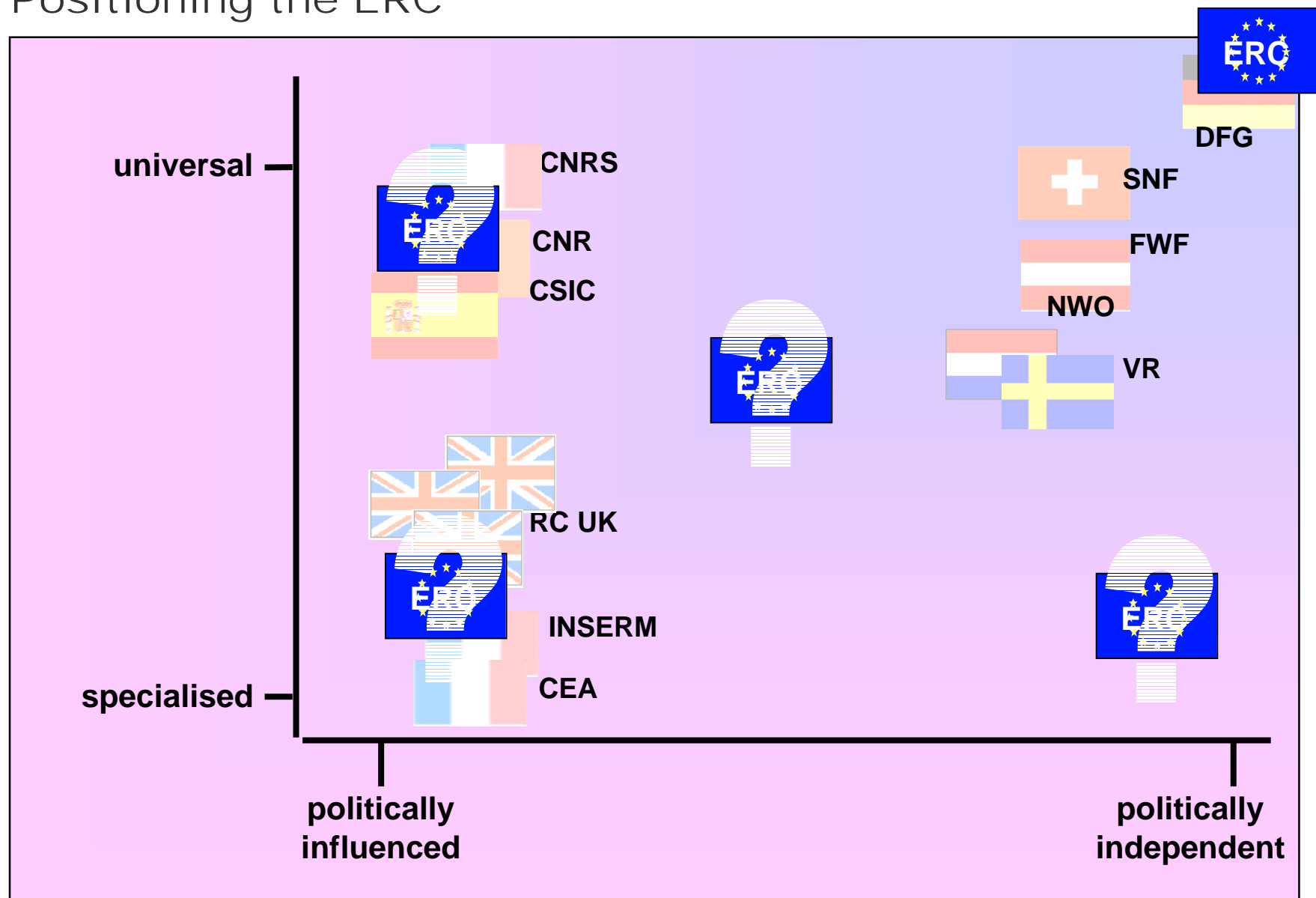
multilateral
agency
interaction



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)

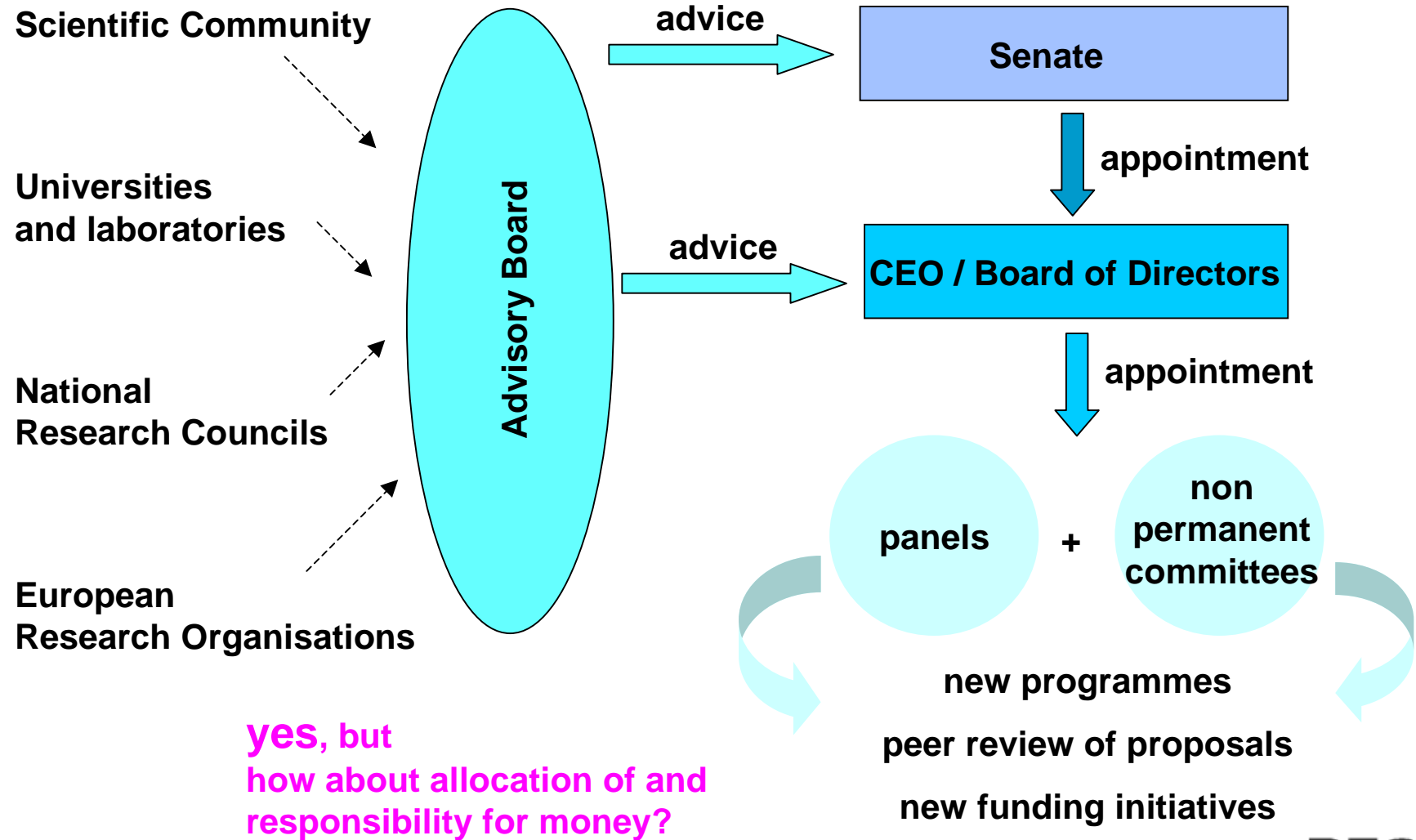


Any legal form for the ERC has to ensure that no criteria besides scientific quality have an impact on its decision making !

Form Follows Function ?

	Executive Agency	European Agency	Joint Undertaking	Other structure, e.g. „foundation“
structure	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
examples	Executive Agency for Intelligent Energy	<i>EMEA (European Medicines Agency)</i>	Galileo: under regulation 876/2002	-
advantages	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
disadvantages	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 ?



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

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



**defines the
overall
strategy**



**establishes
new funding
instruments**

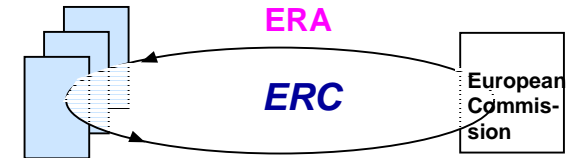


**organises follow-up
evaluations of its
funding structures &
the longer term impacts
of ERC-funded research**



**holds the
ultimate
responsibility
for funding
decisions**

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?





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