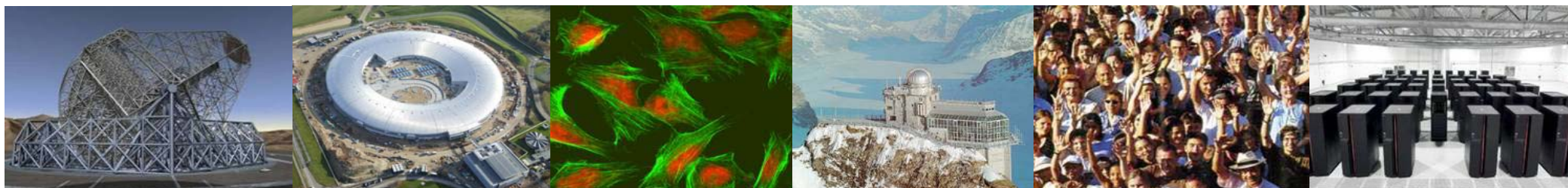


Research Infrastructures at the heart of the Innovation Union

Accelerating solutions for EU wide challenges

OPTICON Board Meeting, 5 September 2011, Frascati
Presentation by H. Crutzen, EC – DG RTD, Unit B.3

European Commission
DG Research & Innovation / DG INFSo

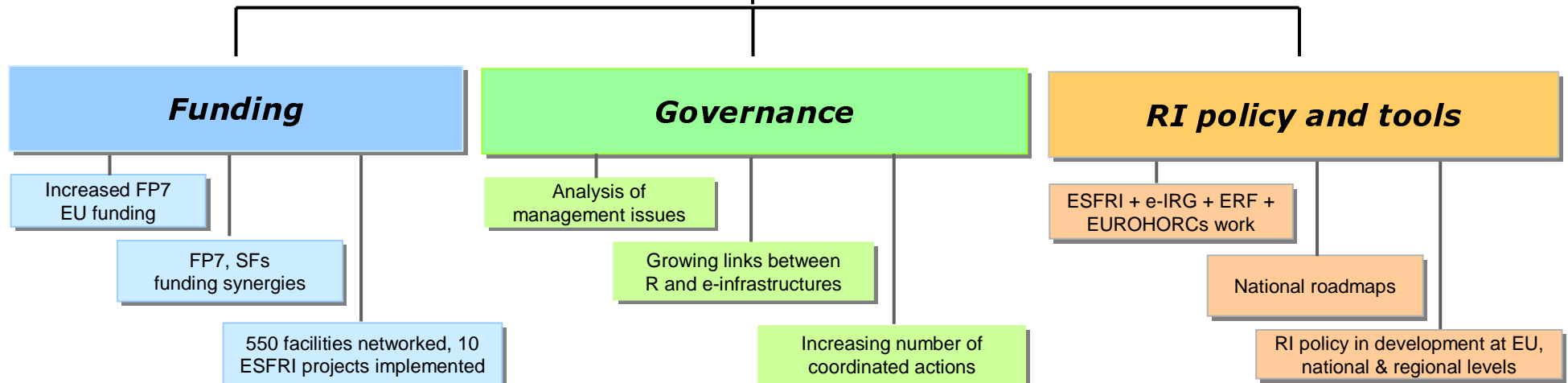


European Research and Innovation need world-class Research Infrastructures

Since 10 years a lot has been achieved...

Integrating actions
550 networked facilities, GEANT, etc
New projects (48 ESFRI)

Set-up of EU policy
ESFRI, e-IRG, EU and national roadmaps, Regional development



European Research & Innovation need World-class Research Infrastructures

Since 10 years a
lot has been
achieved...

... however there are
still
issues at stake

Still under-exploited
scientific, innovation and
societal potential of RIs

Sustainability
of the competitive edge of the
European RIs is not guaranteed

Funding
insufficient and/or lack of pooling

Insufficient funding
at EU level

Insufficient funding
synergies

complexities of RIs'
long term funding

Governance
and management are complex

Range of management
issues is very large

Growing e-infrastructures
challenges

Increasing number of RIs
to be managed at EU level

RI policy and tools
still insufficiently developed

Non optimal decision
making mechanisms

Insufficient monitoring
/ evaluation

EU RI policy needs
further development

Increased
funding
needed

The CSF (2014-2020)

A Key Action Line for RIs

(within the block “Excellence in the science base”)

Optimising the use and development of RIs in Europe

- *Facilitating use of and access to national RIs of pan-EU interest*
- *Developing pan-European RIs (not forgetting the regional potential)*
- *Fostering e-Infrastructures, supporting e-science*

New
funding
needed

Fostering the RI innovation potential and their human capital

- *Promoting technological innovation*
- *Supporting education and social innovation*

Supporting consistency / efficiency of MS and EU RI policies

- *Strengthening the EU-RI policy*
- *... also at international level*

Increased
funding
needed

In complementarity with
the REGIO & EMPL actions
(Structural & Social Funds)