



EUROPEAN
COMMISSION

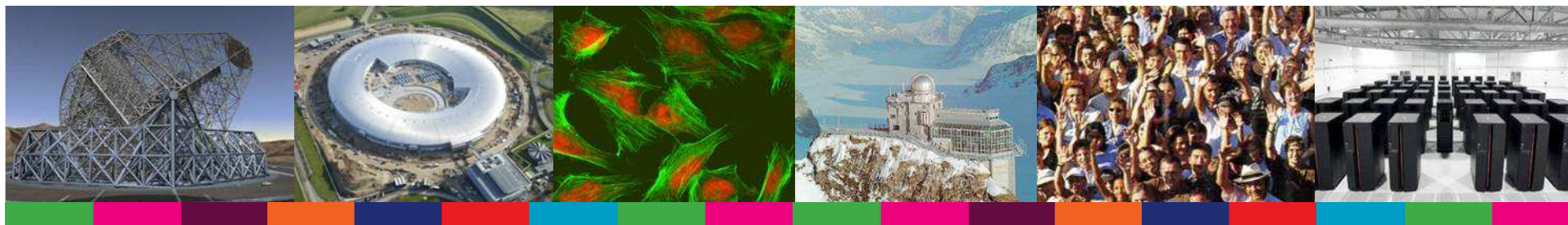
Community Research

Twenty years of Transnational Access to Research Infrastructures

Programme Committee Meeting
9 October 2009

Daniel Pasini

European Commission, DG Research, Unit B.3





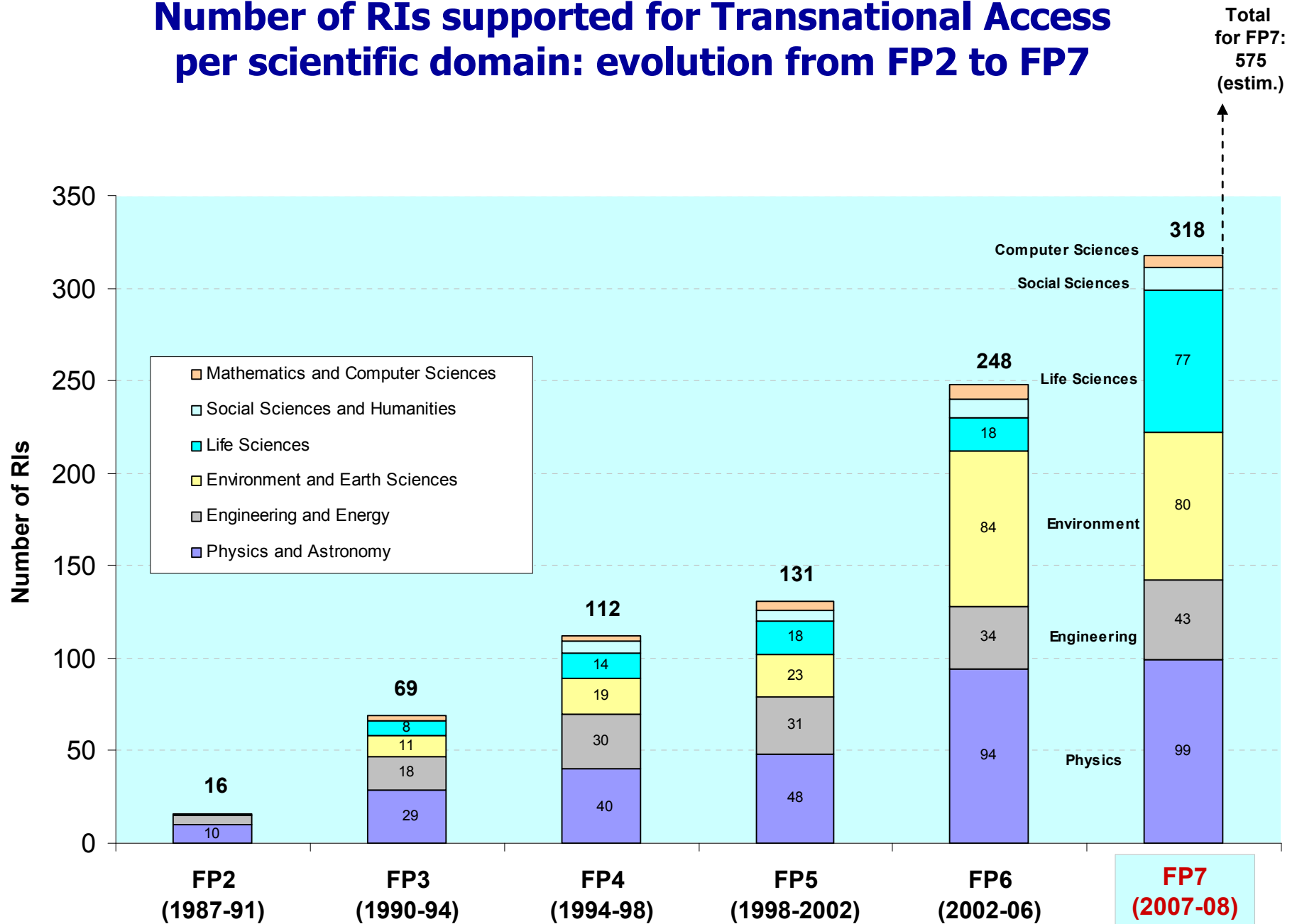
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Community Research

Transnational Access

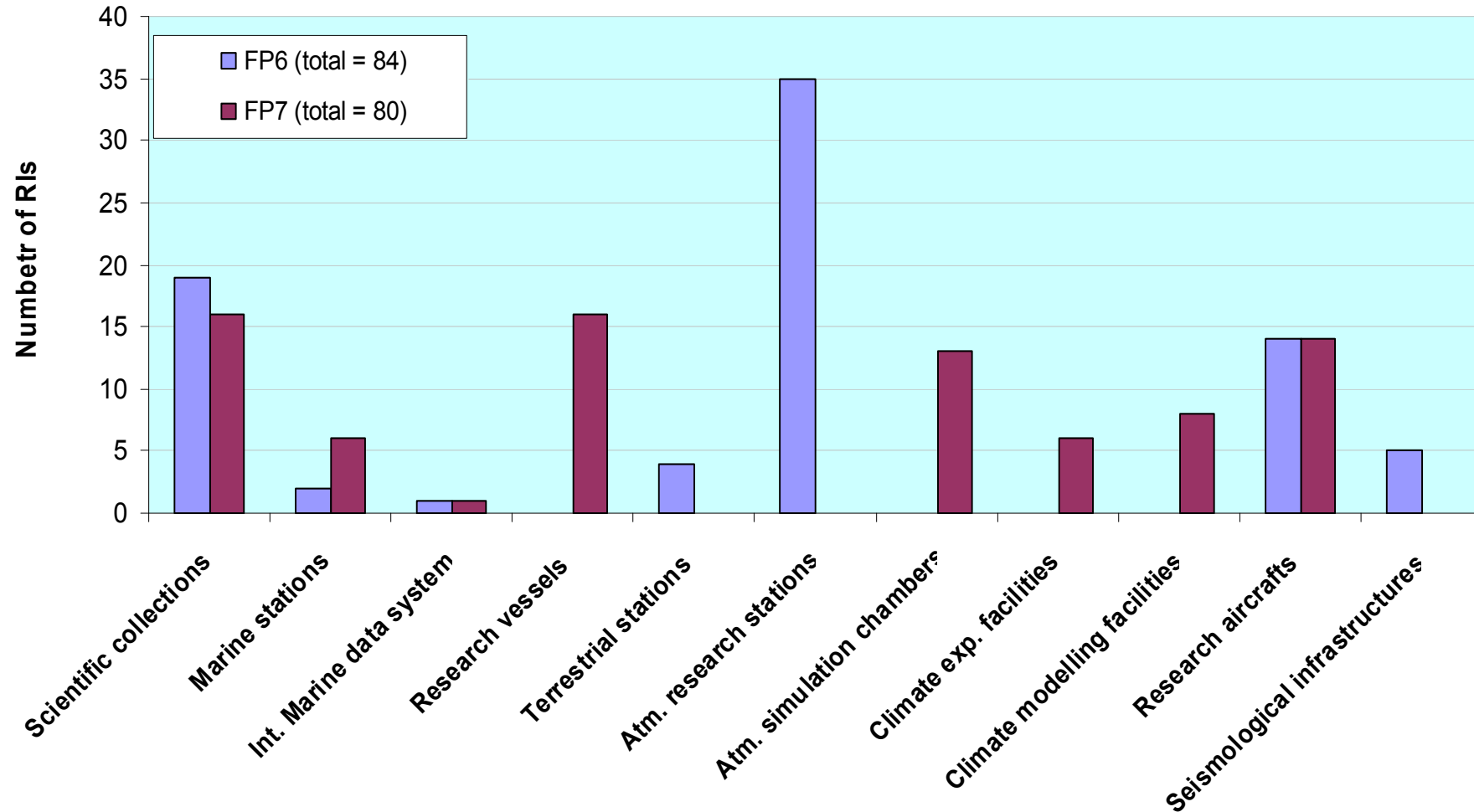
- A **fundamental part** of the **Research Infrastructures action** over successive Framework Programmes
 - ➔ to provide **access to researchers**, free of charge, to the best research infrastructures in Europe to conduct top-level research in their respective field
 - ➔ to open up national facilities to a wider European user base, transforming them into **hubs of the European scientific landscape**
- Implemented through:
 - ➔ Individual **Transnational Access** contracts (FP2, FP3, FP4, FP5 and FP6)
 - ➔ **Integrated Infrastructures Initiatives** (FP6 and FP7)
- Covering:
 - ➔ an increasing **number** of facilities in
 - ➔ a wider **range** of scientific domains

Number of RIs supported for Transnational Access per scientific domain: evolution from FP2 to FP7



Environment and Earth Sciences

Understanding and monitoring the earth's physical, chemical and biological processes



Environment and Earth Sciences

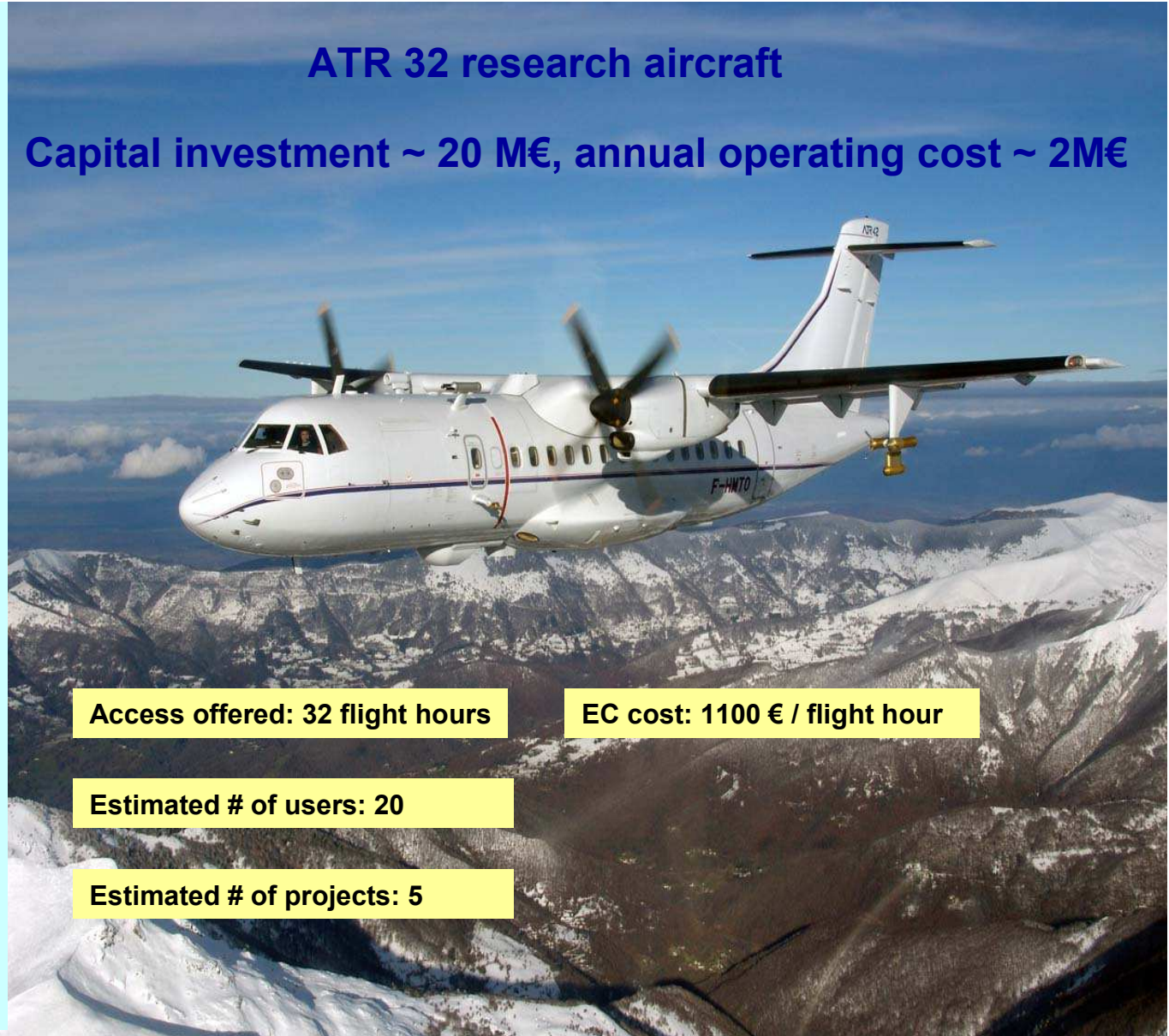
EUFAR

An Integrating Activity
for Airborne Research
in Environmental and
Geo-sciences

→ will provide the
scientific users with
access to **14 research
aircrafts**

ATR 32 research aircraft

Capital investment ~ 20 M€, annual operating cost ~ 2M€



Access offered: 32 flight hours

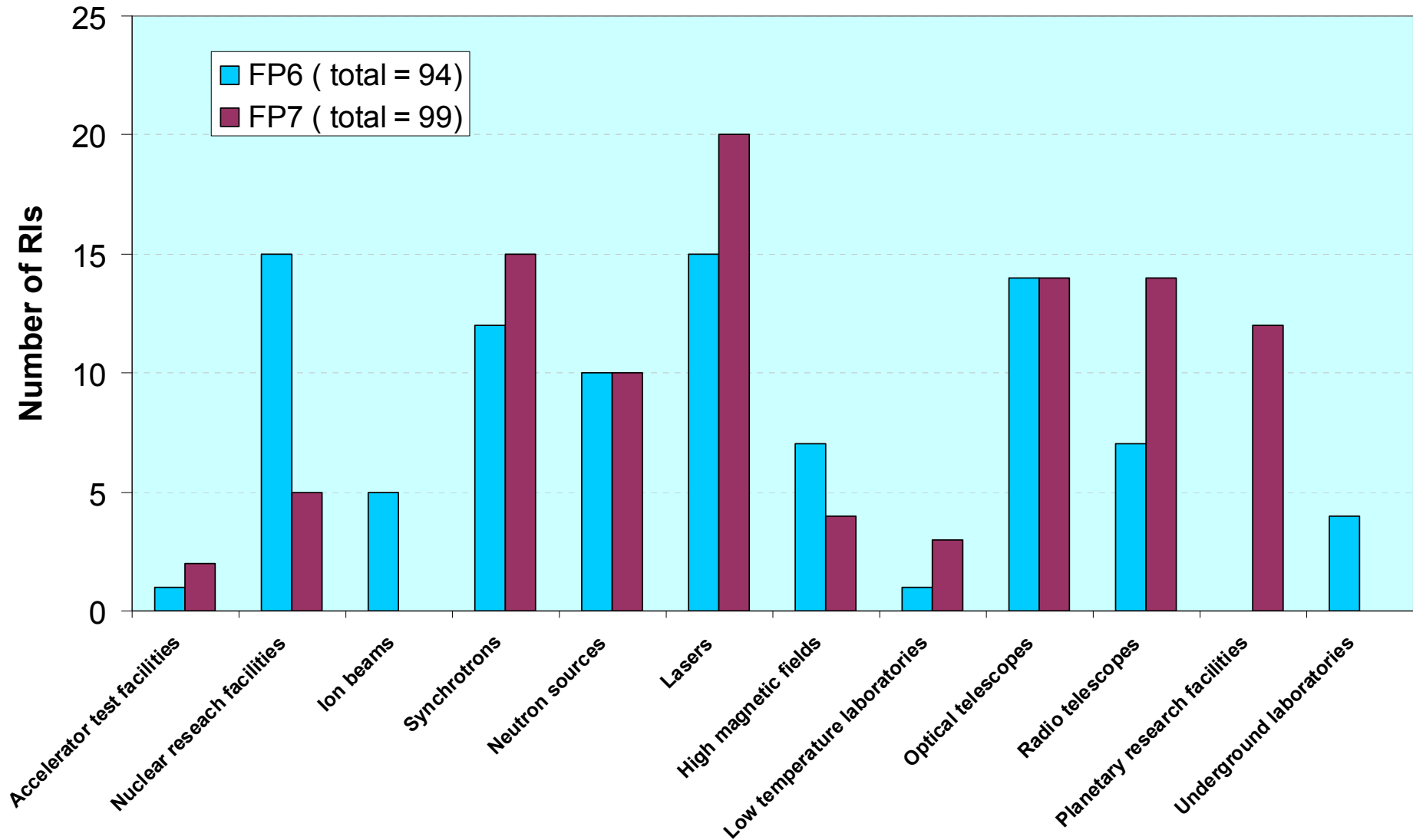
EC cost: 1100 € / flight hour

Estimated # of users: 20

Estimated # of projects: 5

Physics and Astronomy

Push the frontier of knowledge
- from the sub-atomic world to
the universe - and provide
analytical tools serving diverse
scientific domains



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SOLEIL synchrotron

Capital investment ~ 250 M€,
annual operating cost ~ 50 M€

Access offered: 16 275 beam hours

EC cost: 36 € / beam hour

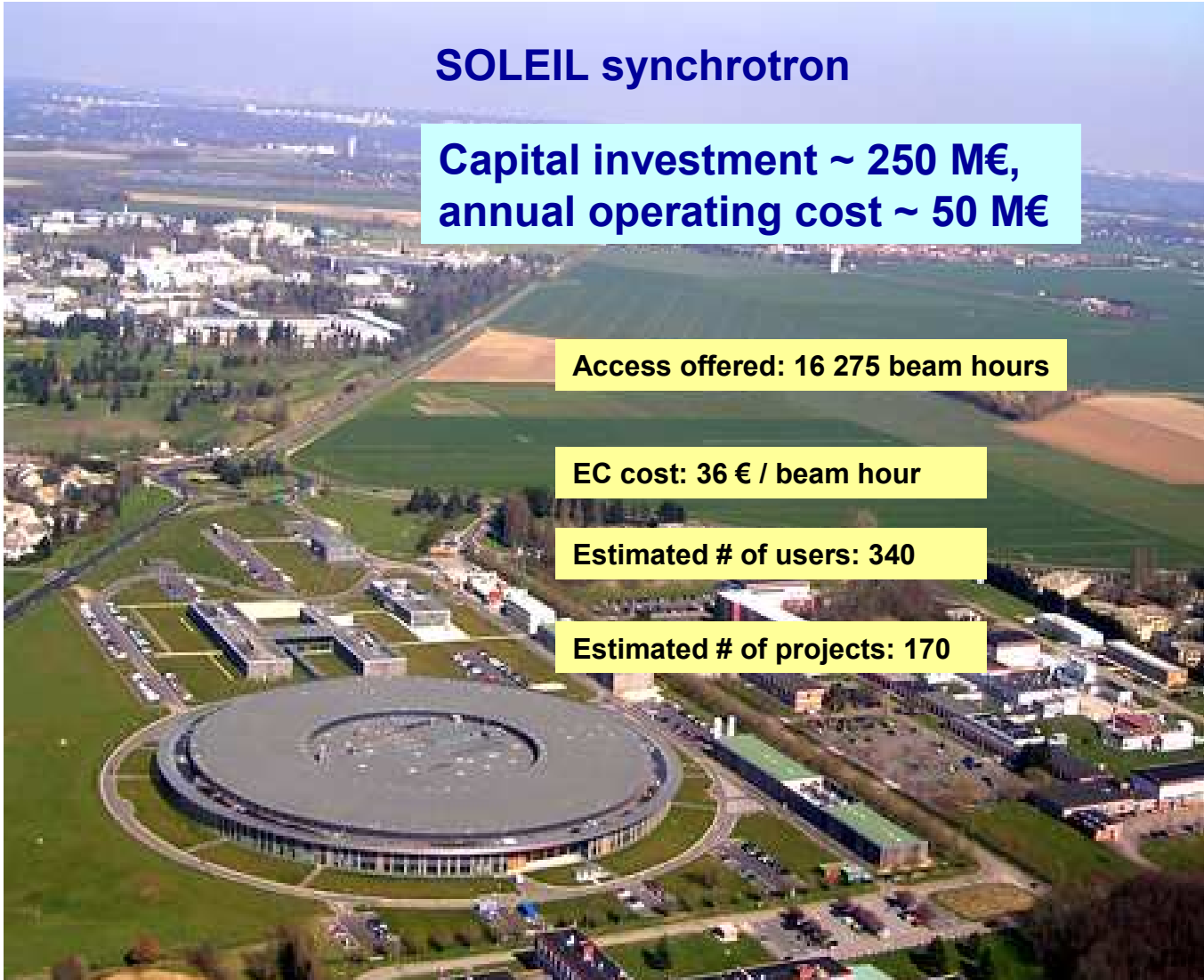
Estimated # of users: 340

Estimated # of projects: 170

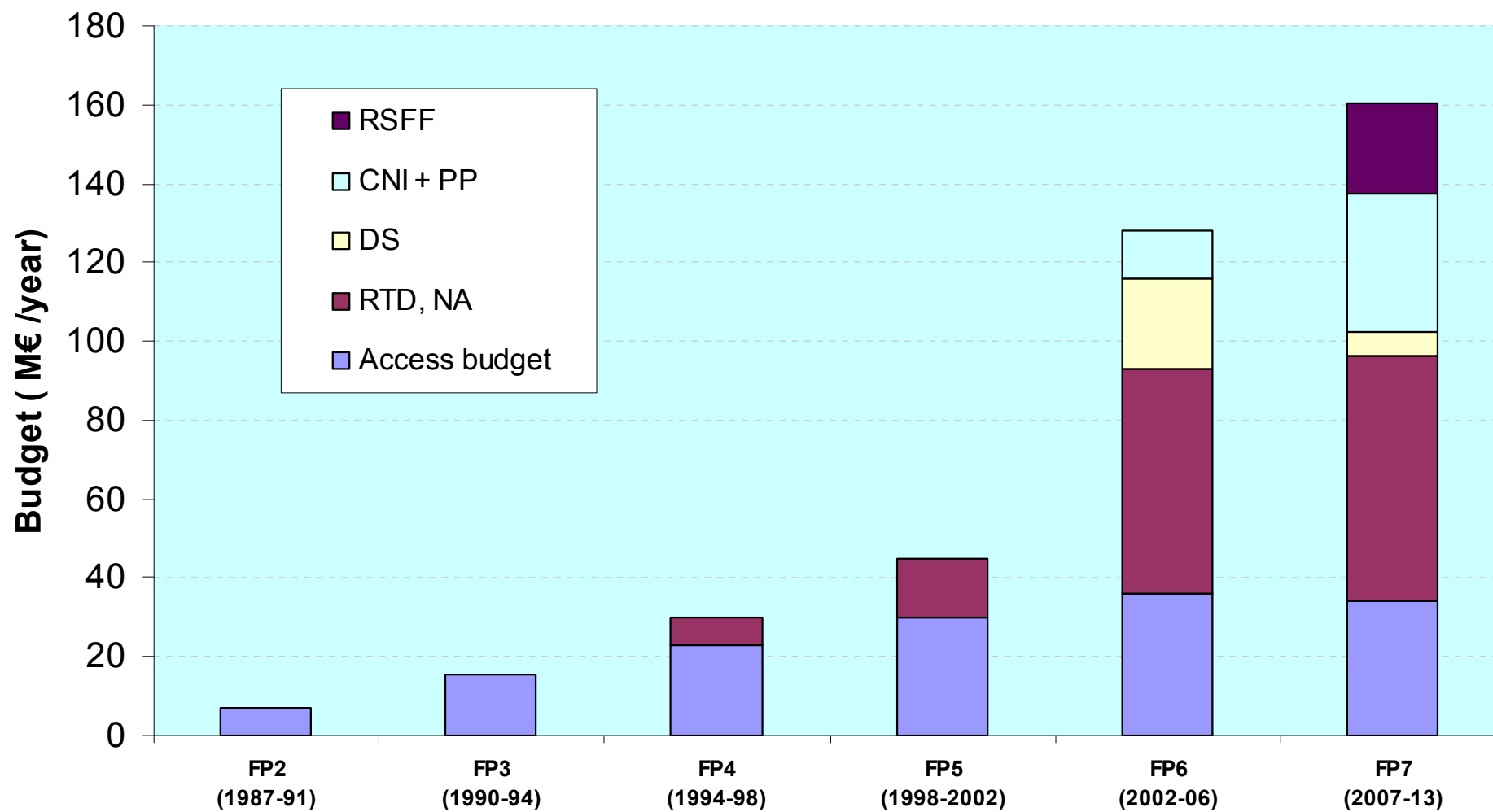
ELISA

European Light Sources
Activities –
Synchrotrons and Free
Electron Lasers

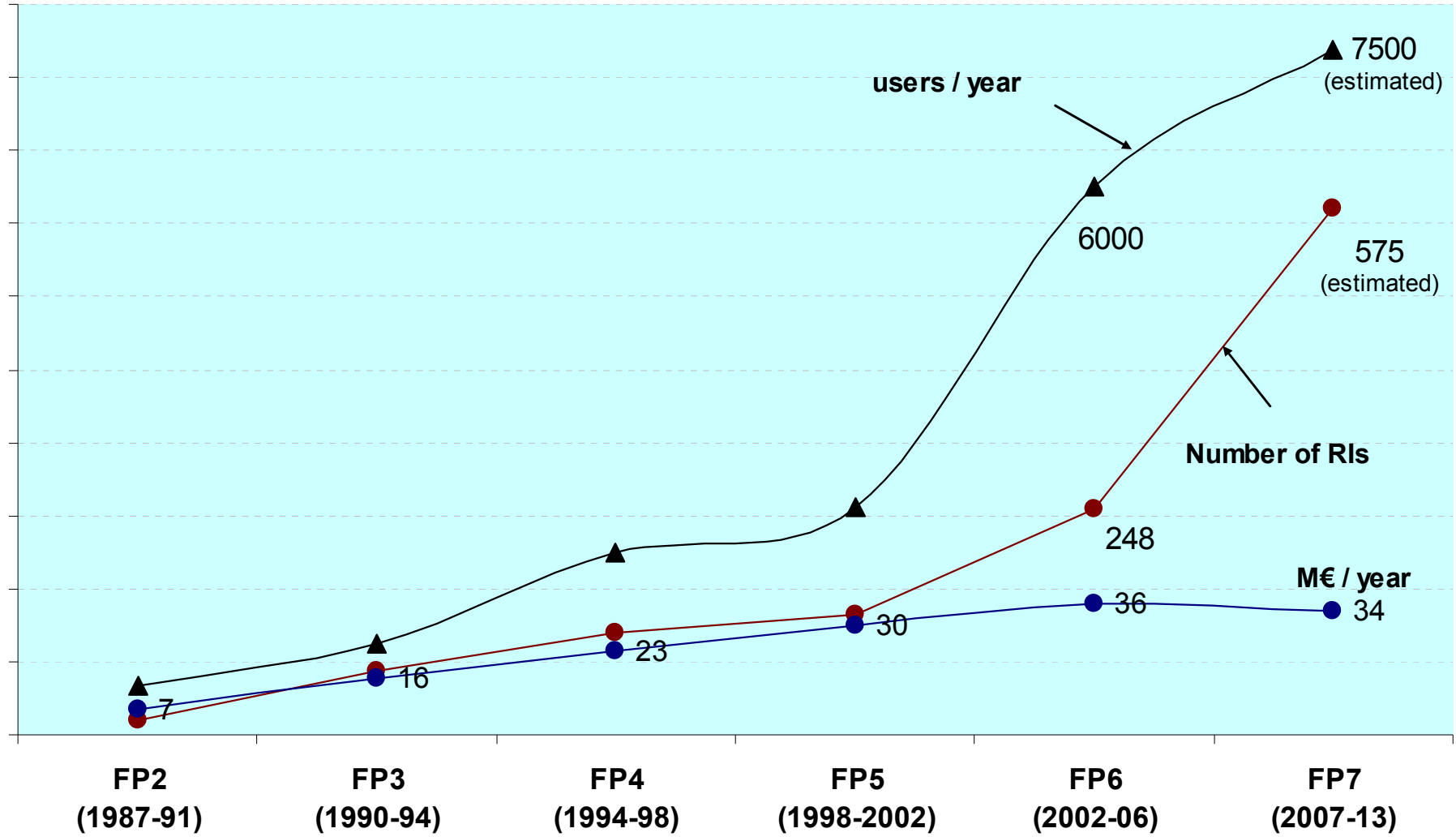
→ will provide the
scientific users with
access to **15**
**synchrotrons and free-
electron lasers**



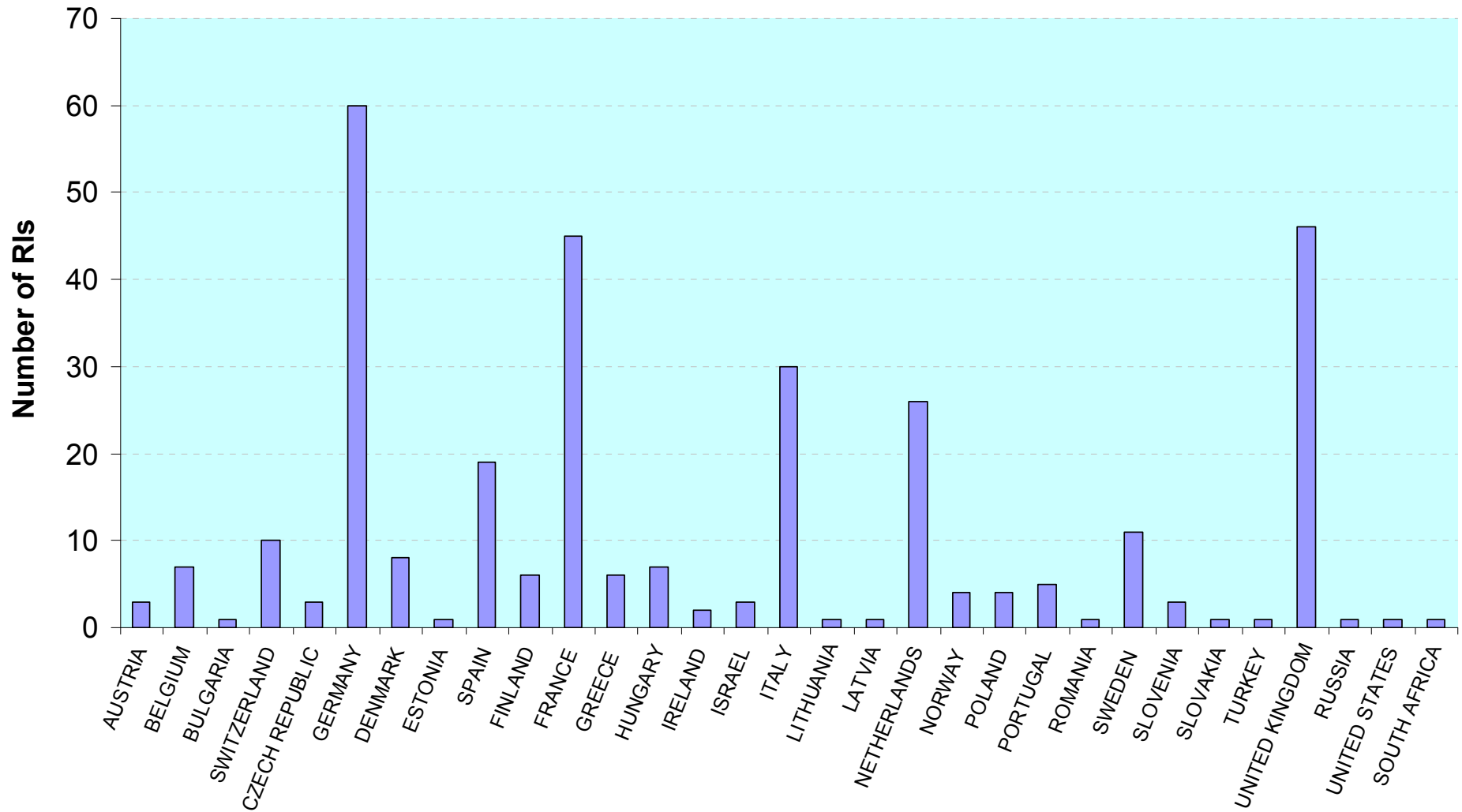
Evolution of budget from FP2 to FP7



Evolution of budget from FP2 to FP7



Distribution by country of RIs supported for TA (FP7)



Distribution of RIs supported for TA (FP7) in relation to country GDP (2008)

