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EC Point of View

Ana Arana Antelo
Head of Unit Research Infrastructure, DG RTD

Training on Realising and Managing Research Infrastructures in the Horizon 2020 Perspective

- **Horizon 2020**
- **To strengthen the human capital of RIs**
- **Support for the training of staff managing and operating RIs, exchanges of staff and best practices between facilities**
- **Marie Curie actions also provide opportunities (e.g. short term exchanges of research and innovation staff, including administrative and technical staff)**

Developing new world-class RIs

- Objective: To ensure the implementation, long-term sustainability and operation of the ESFRI and other world-class RIs
- EU funding will support:
 - ✓ the **preparatory phase** of future RIs (e.g. detailed construction plans, legal arrangements, multiannual planning, etc.)
 - ✓ the **implementation phase** (e.g. R&D and engineering work, development of regional partner facilities, etc.)
 - ✓ the **operation phase** (e.g. access, data handling, outreach, training and international cooperation activities)
 - ✓ **design studies** for new RIs through a bottom-up approach

Subjects defined by AEG



Costs and Financial commitment

Governance, scientific and legal management

HR Policy and Project Management

R&D Policy and Engagement with Stakeholders

User Strategy

Feasibility and Risks

Some elements for reflection

- RI's are very diverse:
 - Single site/distributed
 - New or existing communities
 - Virtual or "real" research centres
- Roadmapping at pan-European level is relatively young (2006) and best practices are only beginning to emerge
- Successful establishment and operation of pan-European RI's require personnel that has apart from technical, scientific or administrative competences also intercultural and interdisciplinary skills
- RIs stakeholders are extremely diverse, beyond the scientific communities: public authorities & policy makers, industry, education...
- Training should take into account this diversity of activities and stakeholders

Conclusion

- Insanity has been described as doing the same thing over again and expecting a different outcome....
- Training and support should be professionalised and take stock of achievements and failures in other scientific domains that have similar needs such as for example space activities where since the nineties interdisciplinary courses are given by universities and institutes
- For RI's it is now the time to engage with such universities and institutes to prepare curricula and courses tailored for pan-European RI's that allow to address the subjects that were defined by the EAG