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Regions within visions, roadmaps and joint programming

Conference Research Infrastructures and the Regional Dimension of ERA
Prague
Congress Center
25 March 2009

- Chair: Ionel Andrei (RO)

- E.O. Pallu (FR): the Ljubljana process
- M. Torne: Joint Programming & Ris
- K. Zatloukal (BBMRI): the need of national coordination bodies for strategic approach to Ris
- J. Palouš presentation of the Astronet Roadmap
- B. Laethem (BE): the Flemish strategy in RIs from RIs to demonstrators
- K. Glinos (EC): einfrastructure experiences in regional integration
- Rapporteur: Murat Ozgoren (TR)

Eric-Olivier Pallu (FR): the Ljubljana process

- Why Ljubljana process ?
- Why PROCESS? 7 countries FR, CZ, SE + SI + ES,BE,HU
- A large number of tools & means(..article 169...) => Hard to manage
- Overall governance of (long-term vision) ERA should be balanced
- Common vision & effective governance
- Extremely complicated ERA LANDSCAPE should be tidied-up

- Strengthening Programming backbone
- Across DGs governance
  - => seen here

Montserrat Torne: Joint Programming & Ris

- Joint Programming and RI's
- Spanish example
- JP high impact initiatives in specific research areas
- Increase coherence, optimise benefits
- Long history of success (CERN, EMBL ...)
- Strategyic Research Agenda (SRA)
- Homogenous dstribution
- Prioritization, ambitious ERA vision (world class)

K. Zatloukal (BBMRI): the need of national coordination bodies for strategic approach to Ris

- BBMRI
- Roadblock
- Fragmentation of communities
- HUB and SPOKE structure : FEDERATED STRUCTURE
- ERIC
- Starter packages
- Innovation CYCLE
- META INF. Without a GAP
- Proactive involvement

Jan Palouš presentation of the Astronet Roadmap

- Keppler to today (400 years)
- ESO & ESA
- Education and training
- Satellites
- Key science vision
- How do we fit in?
- Archiving and info flow
- The scientific challenges of the future require even more effective coordination of financial and human resources across all Europe

Bart Laethem (BE): the Flemish strategy in RIs from RIs to demonstrators

- Changellenges ahead of INDUSTRY and RI amalgamation
- ERIC should adress this issue
- INNOVATION GAP (CHAIN) to marke application
- Darwinian approach (missing link)
- Examples from Flanders: energy....
- Recommendations : coupling & cohesion
- Regional clustering

- Further initiatives=> industry and academia to pursue common strategic research, development and demonstration agendas:
- e.g. new research infrastructures to support the innovation chain in general and the industrial research for the design and demonstration phase

- CREST-GPC
- Technology platforms
- Joint technology initiatives
- Different financial instrumnets (public-private partnership)

Kostas Glinos (EC): einfrastructure experiences in regional integration

- Horizontal ACROSS
- Good examples
- Connection across globe (GEANT)
- ACROSS interdisciplinary...regions to meta-regions...

- ICT based infrastructures scientific excellence => harness the collective power of European scientific resources, irrespectively from their **geographic location**.

CONCLUSION

- Vision
- Homogenous distribution
- Translational

- Innovation
- Training & education
- Regional

- PUTTING THINGS IN ORDER (FROM ERA TO OVERALL POLICIES)

Teşekkürler

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Conclusions from Session 3

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- The political objective of the Ljubljana process, is to reach a better coordination between community initiatives (FP, but also EIT), intergovernmental initiatives (Eurêka, COST, etc.), national and even regional R&D activities; the future of ESFRI is an open question in this context.
- Research infrastructures serve specific needs of substantial numbers of researchers who are dispersed in universities, research institutes and private companies in many countries; the dimension of an RI can be regional, national, continental or world-wide, but for many RIs a single entity would be sufficient to meet all of Europe's needs; consequently, it makes perfect financial and organizational sense for European countries to develop a common strategy for selecting, evaluating, planning, building and running such facilities
- Highly distributed infrastructures (all operational sites and activities to be integrated in such a way that users interact with a virtual, single-site infrastructure via a co-ordination secretariat), are expected to exert a strong stimulus for regional development in many Member States leading to a balanced development of ERA
- The scientific challenges of the future require even more effective coordination of financial and human resources across all Europe
- Further initiatives need to be taken to bring industry and academia closer together to pursue common strategic research, development and demonstration agendas: e.g. new research infrastructures to support the innovation chain in general and the industrial research for the design and demonstration phase
- ICT based infrastructures (e-Infrastructures) are critical in achieving scientific excellence because they allow to harness the collective power of European scientific resources, irrespectively from their geographic location.