

Fostering the uptake of Open e-Science Spanish Network for Open e-Science

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The Past



- The Spanish Network for e-Science was a network initiative funded by the former Spanish Ministry of Science and Educations
 - Running during 2007-2010.
- It was coordinated by the Universitat Politècnica de València with the participation of nearly 1500 researchers from more than 100 research groups from 76 institutions.
 - 57% of the research groups from Universities.
 - In line with the scientific production of Universities in Spain (60%).
- The Spanish Network for e-Science focused on fostering the collaboration in all the dimensions of the e-Science: e-Infrastructures, Software services, Data and Scientific Applications.

- [illegible]

The Present: The Spanish Network for Open e-Science



- To promote the communication by sharing experiences and activities in the frame of EOSC.
- To enhance the participation of Spanish institution in EOSC increasing their presence in Fora, resources and service catalogues and R&D activities.



Participation in EOSC events and digital presence



Participation in key committees



Participation in project proposals and in the EOSC Marketplace

Conclusions



- The Spanish Network for e-Science was a key instrument to increase the awareness and adoption of e-Infrastructures especially by small University research groups
 - Seed funding for pilot applications and the creation of support groups facilitated the take-off of developments and the cross-fertilization among mature and novel groups.
 - However limited by the funding cycles.
- The new Network has a more institutional basement, expected to have a sustained funding in the future
 - The Executive Board has one position for the Association of Rectors from Spanish Universities (CRUE) and one position for the Spanish Research Council (CSIC), one of the members of the EOSC AISBL.

Fostering the adoption of EOSC by Universities



- Exploiting scientific data usually requires a multidisciplinary approach.
 - Discipline-specific researchers know the foundations, can make the right questions and understand data and results.
 - ICT research groups can provide the tools and the efficient use of e-Infrastructures.
 - Universities are a key place to find such multidisciplinary teams.
- Seed funding revealed to be key to create references and to initiate collaborations
 - But seed funding must have some long-term sustainability plan.
- Perfect place to find motivated labour and short/medium-target projects (graduate and post-graduate dissertations)
 - Foundations fund awards and competitions on specific targets.

Potential Actions

- Seed funding for multidisciplinary projects to exploit / provide data and services
 - Bridge among experts on ICT, FAIR data and Scientific Disciplines.
 - Address different dimensions in the building of the EOSC.
- EOSC as an initiative to contribute and promote research groups
 - Contribute to build EOSC by providing new services, contributing to enhance interoperability or supporting other groups.
- Training linked to official courses
 - Data Science and Computation master courses.
 - Creation of scholarships and dissertation awards.
- Brokering of e-Infrastructure
 - Facilitate the access to resources to ensure long-term sustainability.