Overall reflection of policy issues in the national scene from the EOSC Steering Board

INMACULADA FIGUEROA

DEPUTY DIRECTOR GENERAL OF INTERNATIONALISATION OF SCIENCE AND INNOVATION

MINISTRY OF SCIENCE & INNOVATION OF SPAIN

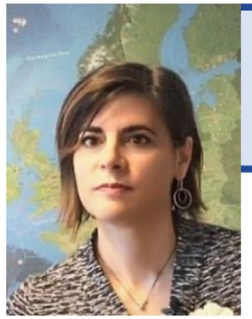
SPANISH PRESIDENCY COUNCIL OF THE EUROPEAN UNION

EOSC Future

Funded by the European Union

European Open Science Cloud Partnership

EOSC STEERING BOARD



European Commission

DG-RTD
DG-CNECT

Anna Panagopoulou

Member States and Associated Countries

Volker Beckmann

MoU

Partnership Board

MS/AC collective representation

Exchange of information

EOSC ASSOCIATION

President
Karel Luyben

Secretary General
Ute Gunsenheimer

BOARD

General Assembly

(including organisations performing research, funding research, providing services, organisations mandated by MS/AC and other organisations)

EOSC SB TASK

1. Serve as Partnership interface with the countries.
   - Bringing national policies, priorities and interests to the EOSC Partnership
   - and serving as interface with the Ministries on the EOSC developments, needs, and requirements.
2. Coordinate actors/efforts/activities at national level to promote the involvement in EOSC.
3. Integrate and coordinate EOSC policies/developments in the broader environment of ERA, coordinating positions and efforts with other initiatives and actions as those established in the EPA.

EOSC SB CURRENT ACTIVITIES

EOSC POLICIES (SG on Policy): papers+recommendations

- Better coordination between RIs and EOSC.
  - RIs: FAIR Data providers and knowledge hubs on OS.
  - RIs are example of MS+AC coord. joint investment for construction & Operation (2B in investment)
  - Legal structure facilitate the federation of data, services & e-infrastructures to EOSC.

  - Reduce fragmentation in data production/curation/computing/storage
  - Promoting the increase on data productivity

ESFRI – EOSC TASK FORCE SETTING UP

- THE FUTURE MODEL OF EOSC BEYOND 2027- FP10. Governance & financing.

EOSC SB CURRENT ACTIVITIES

EOSC MONITORING (SG on Monitoring):

- Why? to show the state of development of EOSC at MS & AC level and measure the progress. With the aim to show the added value of EOSC
- How? Surveys gathering information of MS+AC on policies/practices/funding at national level.
- Who? Accredited MS representatives upload data
- What? EOSC observatory = Monitoring Platform. EOSC-Future
- Discussions:
  - Data trustability and homogeneity of data presentation.
  - Data confidentiality and MS control on the visualisation of results
  - Sustainability of the observatory.
  - How to harmonise the observatory with other monitoring exercises/platforms running in the context of ERA: EOSC-A, ERA FORUM, Open Science.

2nd survey is under final design. Launch of the next survey before the end of 2023.

SB Knowledge sharing & Mutual learning

- Each country is different by nature on governance, policies, structure, decisión making processes, needs and interests.
- SB facilitates sharing information, learn from each other country.
- A unique model cannot fit the needs of all the countries: FLEXIBILITY

Legal framework of Spanish R&I System

Science, Technology and Innovation Law 2022

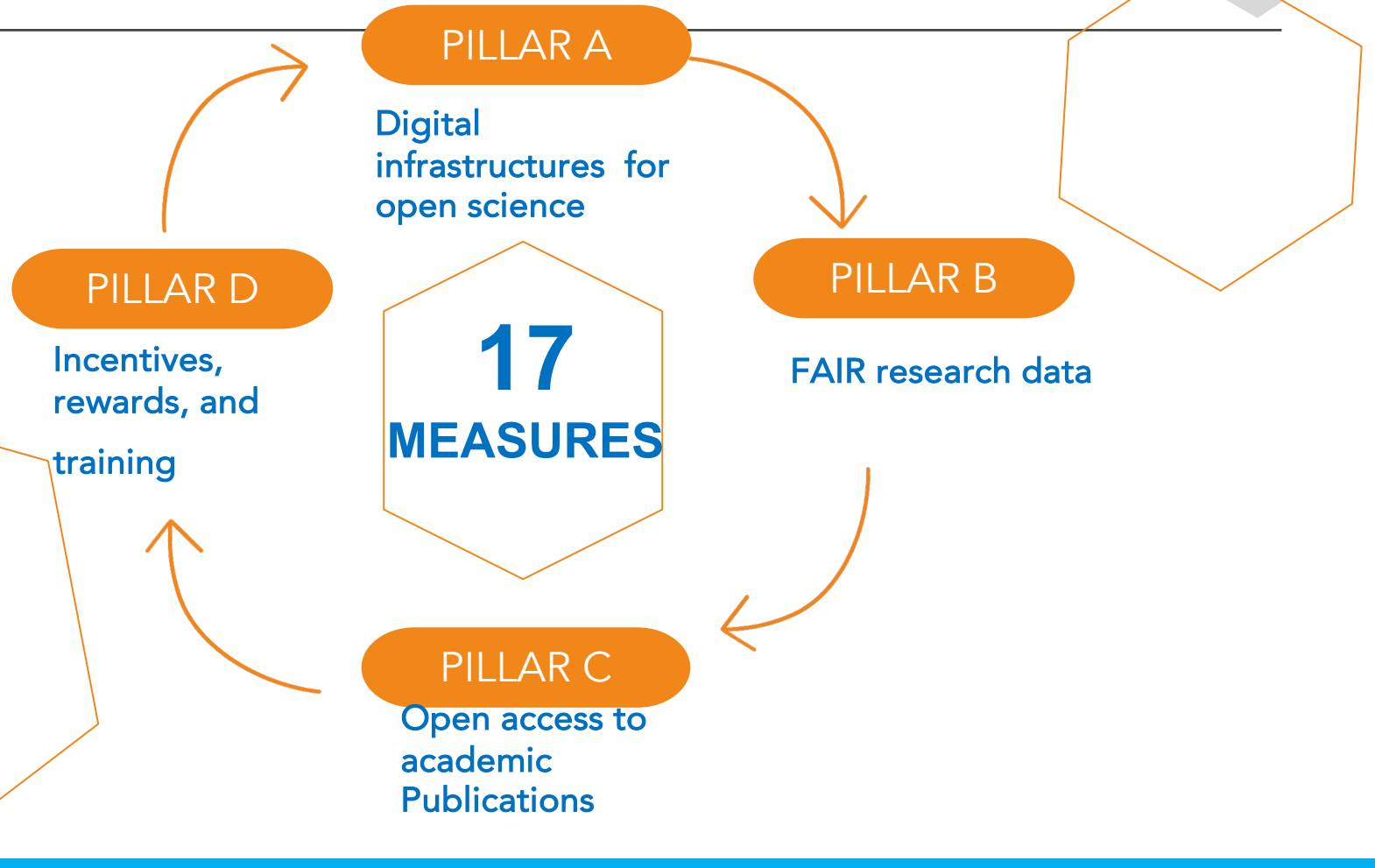
Spanish Science, Technology and Innovation Strategy 2021-2027 (EECTI)

State Plan for Scientific, Technical and Innovation Research 2021-2023 (PEICTI)

National Open Science Strategy(ENCA) 2023-2027

NATIONAL STRATEGY FOR OPEN SCIENCE: 4 PILLARS

Mission: to strengthen the quality, transparency and reproducibility of the scientific activity in Spain, to improve dissemination among scientific personnel and transfer to society, and to design the ways to respond to the challenges faced by the Spanish scientific community in this new global paradigm.



PILLAR A

DIGITAL INFRASTRUCTURES

Identification of digital infrastructures, both national and international, necessary for the implementation of the ENCA.

Generation and maintenance of new digital infrastructures for storage and preservation of research outputs necessary for the implementation of the ENCA.

Financing of digital infrastructures for open science.

Interoperability of all open science digital infrastructures to guarantee their sustainability and facilitate the integration of data and services into the European Open Science Cloud (EOSC).

Expected outcome: *Ensure the existence of sufficiently robust and well-articulated interoperable digital infrastructures capable of absorbing the impact of implementing a national open science policy and facilitating its integration into the international ecosystem, including, where applicable, the European Open Science Cloud (EOSC).*

EOSC Spanish Ecosystem

e-Infrastructures

RedIRIS

IBERGRID

RES
RED ESPAÑOLA DE SUPERCOMPUTACIÓN

Research Infrastructures

29 National Infrastruc.
62 sites.

Infraestructuras Científicas y Técnicas Singulares

ESFRI

Spanish institutions involved in 48 ESFRI projects and RIs

RPOS

CSIC

Ciemat

Instituto de Astrofísica de Canarias

ISCIII

Funding and Policy

MCIN + Sectoral ministries+Reg. Governments
&
Funding Agencies

AEI Agencia Estatal de Investigación

ISCIII

CDTI

FECYT Innovación

Advisory body

Red Española de e-Ciencia

13 July 2020, RD.
to promote & coordinate developments of e-Science

Community engagement

- Spain is the second country in terms of membership in EOSC-A

Red Española de e-Ciencia

1 meeting/month
Spanish EOSC
Association members

They have proven be very useful with an active participation of all the attendants.

- National RI WP Events. DESTINATION 2. INFRAEOSC. Opportunities to participate.
- RRequired ad-hoc support on discussions for decission taken and participation in the development of actions such as 1, 3 & 8 of the EPA ACTIONS.
- NATIONAL TRIPARTITE EVENTS held with the support of EOSC-A

1st National Tripartite Event

10th October 2022, first EOSC National Tripartite Event for Spain and Portugal

Hosted during the 11th Iberian Grid (IBERGRID) Conference at the University of Algarve, Faro in Portugal.

Attendance: 60 representatives from researchers, e-infrastructure providers, Research Infrastructures and policy stakeholders.

Organised in three block sessions:

- setting up the EOSC scene
- landscaping the EOSC community
- implementing the EOSC.

2nd National Tripartite Event

19th September 2023, second EOSC National Tripartite Event

Hosted by CSIC in Madrid.

Attendance: more than 70 representatives from researchers, e-infrastructure providers, research infrastructures and policy stakeholders.

Organised in four block sessions:

- Know on last developments on EOSC from EOSC-A, SB, EC
- Review through thematic areas intensive in data the developments on OS & EOSC implementing the EOSC.
- Take stock of EOSC in Spain.
- The future of EOSC in Spain and towards SRIA 2.0

GOBIERNO DE ESPAÑA MINISTERIO DE CIENCIA E INNOVACIÓN

UE23 PRESIDENCIA ESPAÑOLA CONSEJO DE LA UNIÓN EUROPEA

Thank you

inmaculada.figueroa@ciencia.gob.es