



ERIC Forum and EOSC-A Perspectives for a closer collaboration

26th January 2022

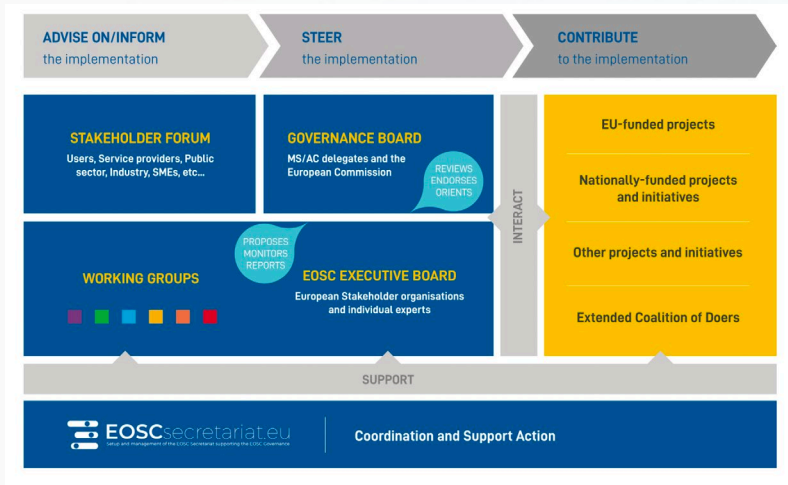
Ute Gunsenheimer
Secretary General, EOSC Association AISBL

Today's Topics

- Up-date on the EOSC Association and its member base
- The Horizon Europe co-programmed EOSC Partnership - Governance, Actors, Funding
- Collaboration proposal



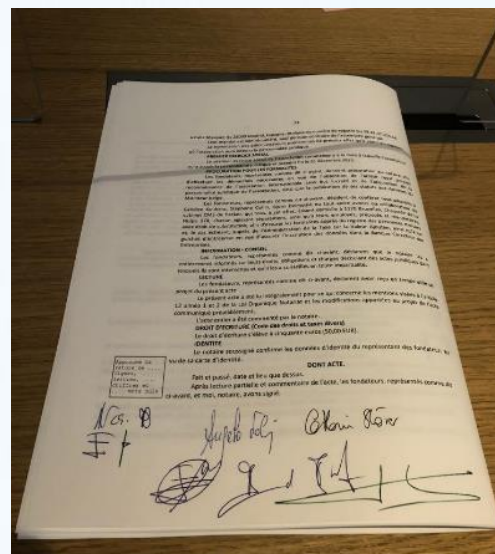
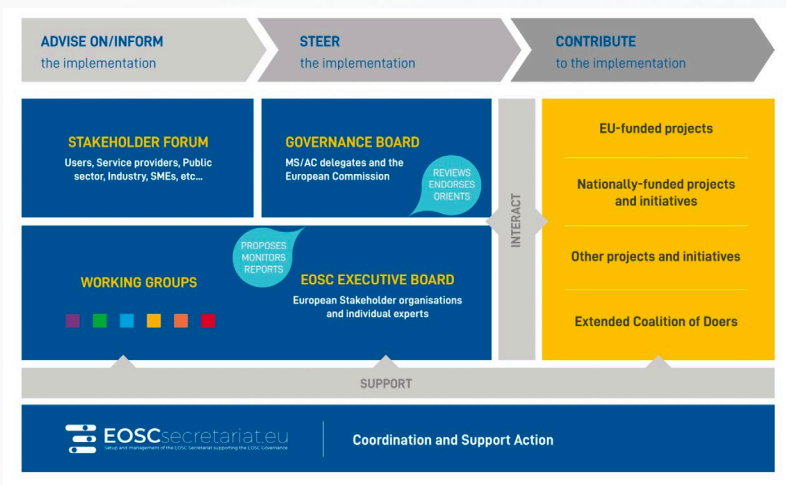
Evolving EOSC Governance



**Initial
EOSC Governance**

2019/20

Evolving EOSC Governance



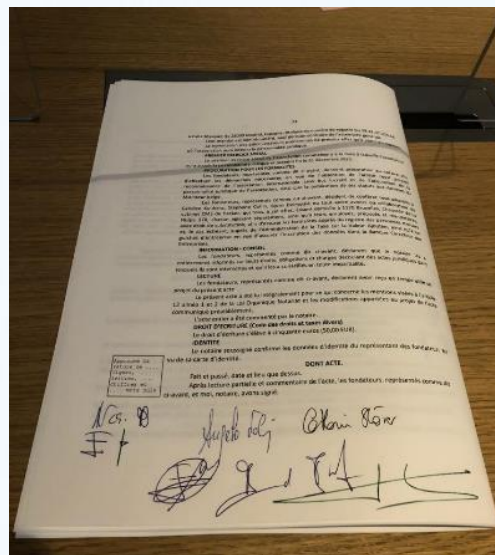
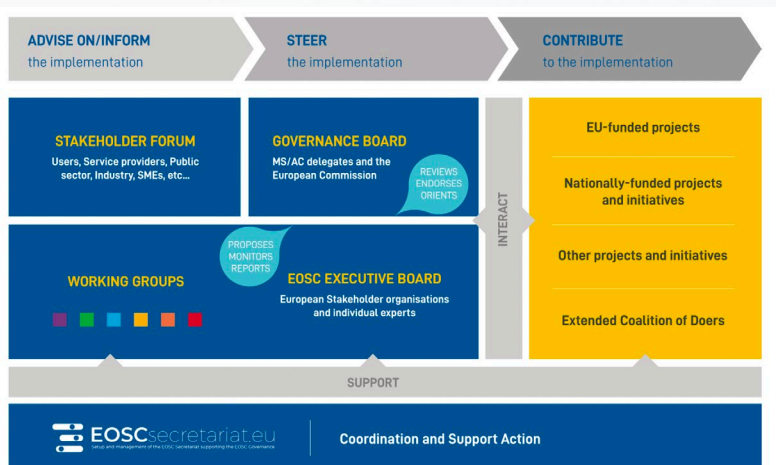
**Initial
EOSC Governance**

2019/20

**EOSC
Association AISBL**

29.07.2020

Evolving EOSC Governance



**Initial
EOSC Governance**

2019/20

**EOSC
Association AISBL**

29.07.2020

**Co-programmed
EOSC Partnership**

23.06.2021

AISBL: Transition into full operations

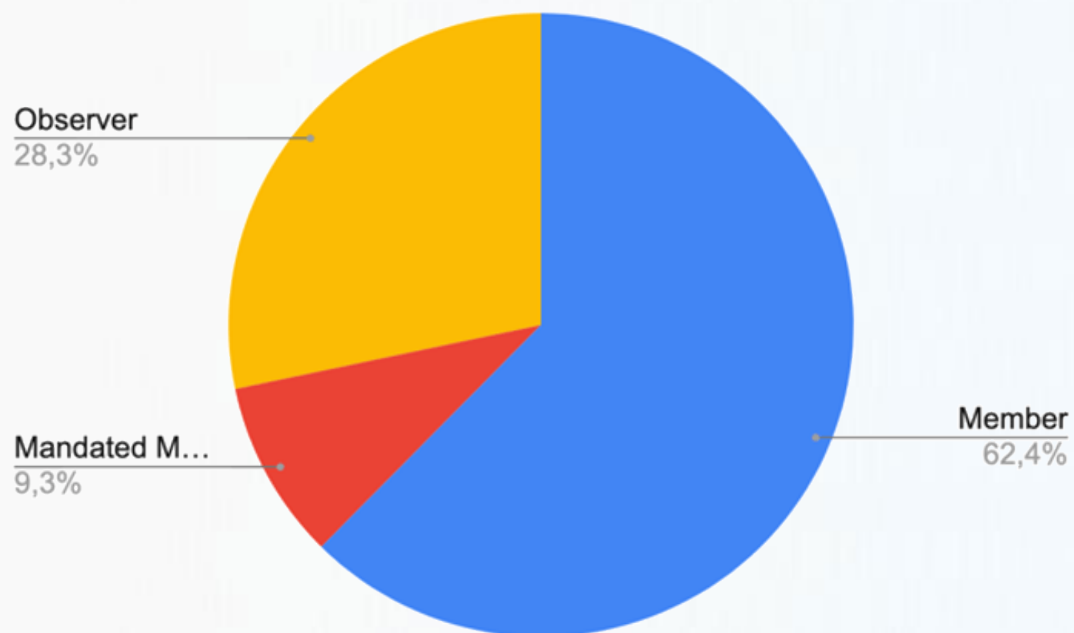
PRIORITY



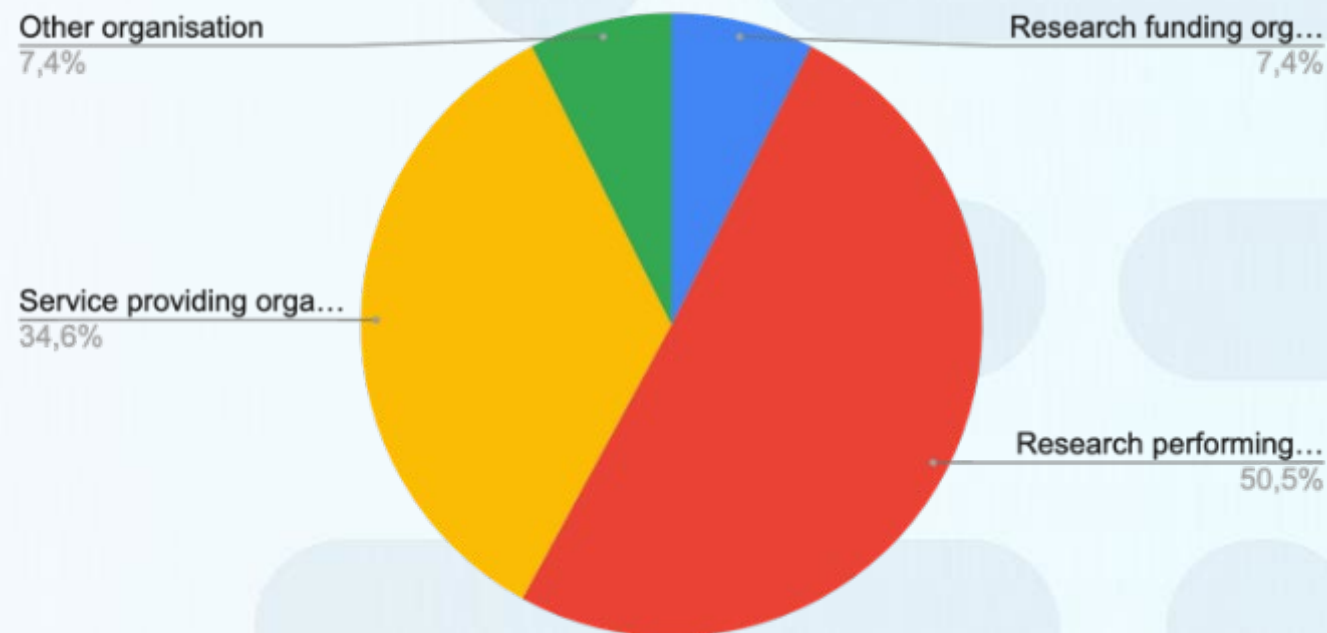
- Publication in Moniteur Belge
- Establishment of EOSC-A as Belgian employer
- Clarifying VAT status (survey among members)
- Invoicing membership fees
- Selection of service providers
- Hiring of staff

EOSC Association Member Base

234 organisations, consisting of **161** Members and **73** Observers

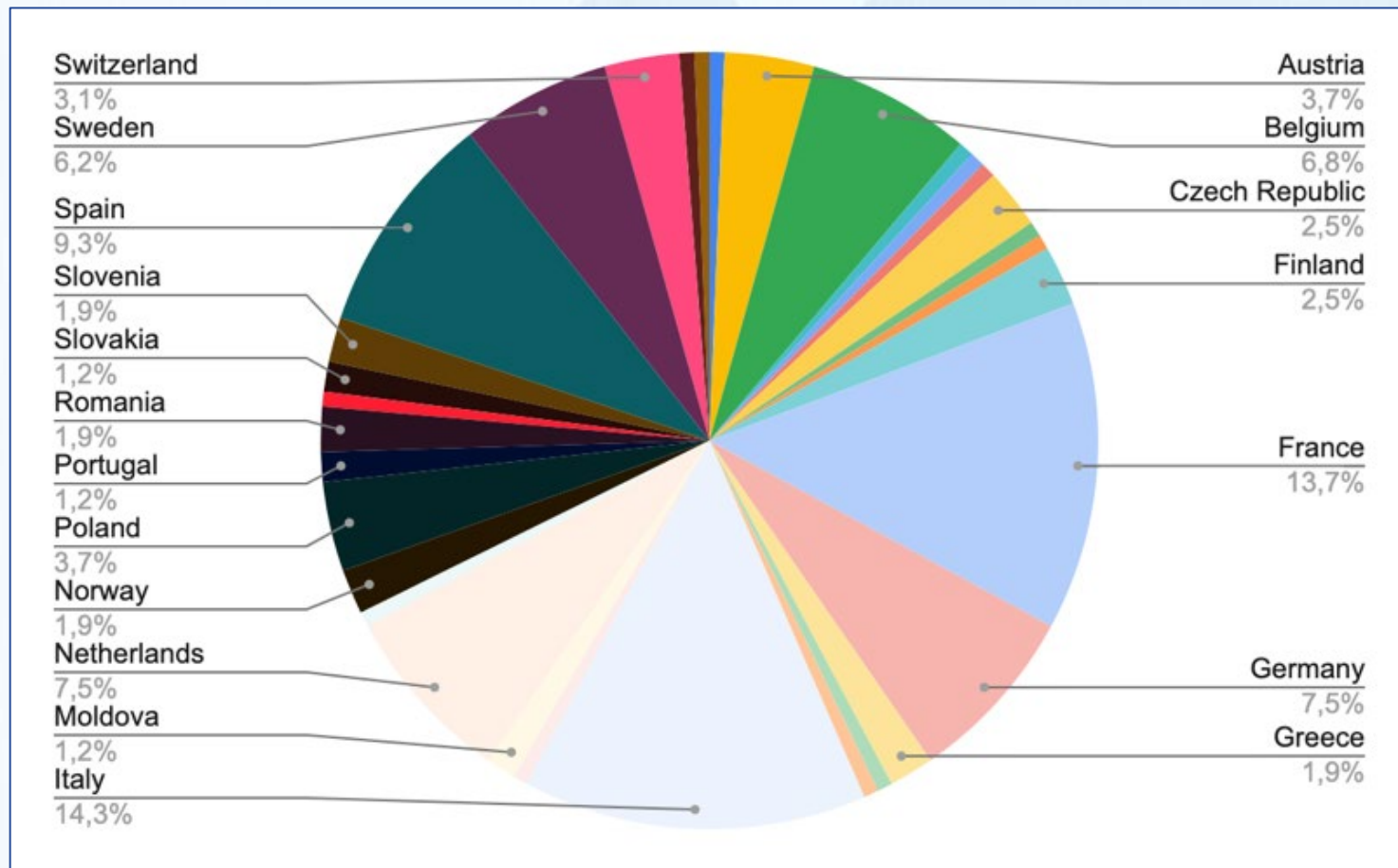
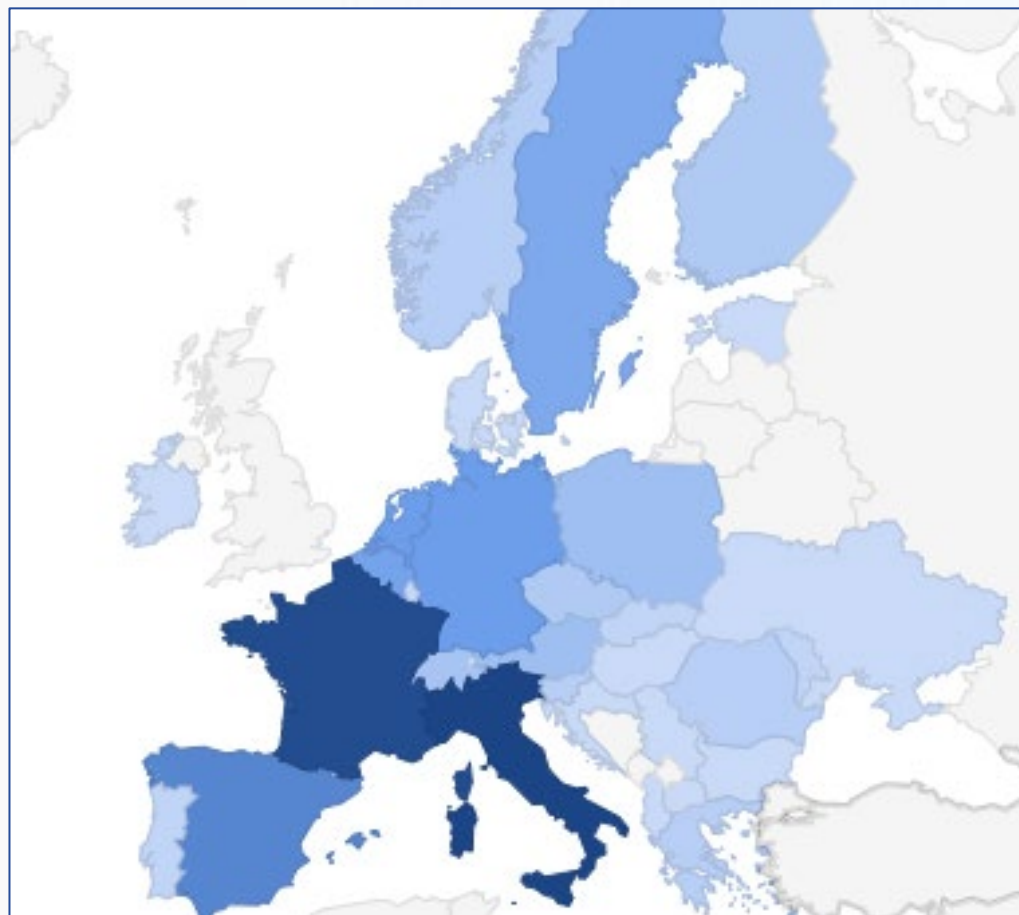


**Organisations
by category**



**Members & Observers
by institution type**

EOSC Association Member Base



ERICs in EOSC-A

11

Organisation Acronym	EIRO Forum	ERIC	ESFRI	ENVRI-FAIR	EOSC-Life	ESCAPE	SSHOC	PaNOSC	EOSC Future	Approved
BBMRI-ERIC		ERIC	ESFRI		EOSC-Life				EOSC Future	Member
CERIC		ERIC						PaNOSC		Member
CESSDA		ERIC	ESFRI				SSHOC		EOSC Future	Member
CLARIN		ERIC	ESFRI				SSHOC		EOSC Future	Member
DARIAH ERIC		ERIC	ESFRI				SSHOC		EOSC Future	Member
EATRIS		ERIC	ESFRI		EOSC-Life				EOSC Future	Observer
ESS		ERIC	ESFRI					PaNOSC		Member
ESS ERIC		ERIC	ESFRI				SSHOC			Observer
EURO-BIOIMAGING		ERIC	ESFRI		EOSC-Life					Member
Instruct-ERIC		ERIC	ESFRI		EOSC-Life					Observer
LifeWatch ERIC		ERIC	ESFRI	ENVRI-FAIR					EOSC Future	Member

ACONET	Austria
ARNES	Slovenia
Belnet	Belgium
BITP of the NAS	
BITP of Ukraine	Ukraine
CERN	EIROforum
CESNET	Czech Republic
CSIC	Spain
CVTI SR	Slovakia
DTU (DeiC)	Denmark
ETH Zürich	Switzerland
FCT	Portugal
FNR	Luxembourg
GARR	Italy
HEAnet	Ireland
ICI Bucharest	Romania
IDSi	Moldova
Inria	France
KIFU	Hungary
NCN	Poland
NFDI	Germany
RASH	Albania
RCN	Norway
SRCE	Croatia
UT	Estonia
VR	Sweden

EOSC Association Member Base

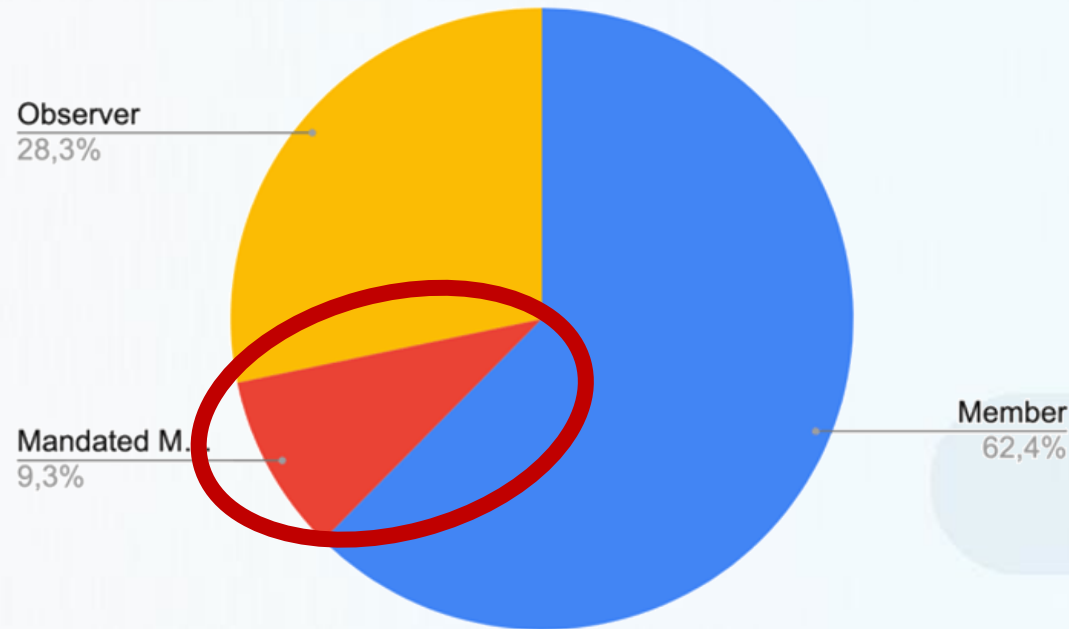
Mandated Organisations

EIROforum in EOSC-A

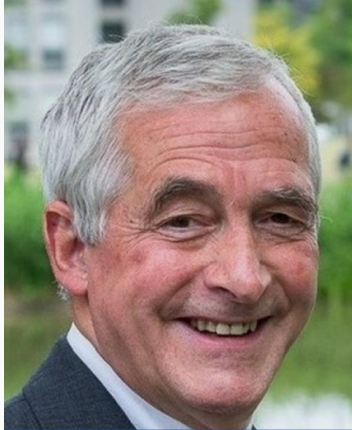
6/8 of EIROforum members are Members in EOSC-A

Art. 2 EOSC-A Statutes

“Each Member State or Associated Country that has one or more organisations that are Members of the Association may appoint one (1) Member to act as the Mandated Organisation, to represent national interests. **In addition, the EIROforum is permitted to mandate one of its members to represent the views of the Forum.**”



EOSC-A Board of Directors



Karel Luyben (P)



Marialuisa Lavitrano



Suzanne Dumouchel



Klaus Tochtermann



Ignacio Blanquer



Sarah Jones



Wilhelm Widmark



Sara Garavelli



Bob Jones

Task Forces in Advisory Groups



Suzanne Dumouchel

Implementation of EOSC

- Rules of Participation compliance monitoring
- PID policy and implementation
- Researcher engagement and adoption



Ignacio Blanquer

Technical challenges on EOSC

- Technical interoperability of data and services
- Infrastructure for quality research software
- AAI Architecture

Metadata and data quality

- Semantic interoperability
- FAIR metrics and data quality

Research careers and curricula

- Data stewardship curricula and career paths
- Research careers, recognition and credit
- Upskilling countries to engage in EOSC

Sustaining EOSC

- Financial sustainability
- Long-term data preservation



Sarah Jones

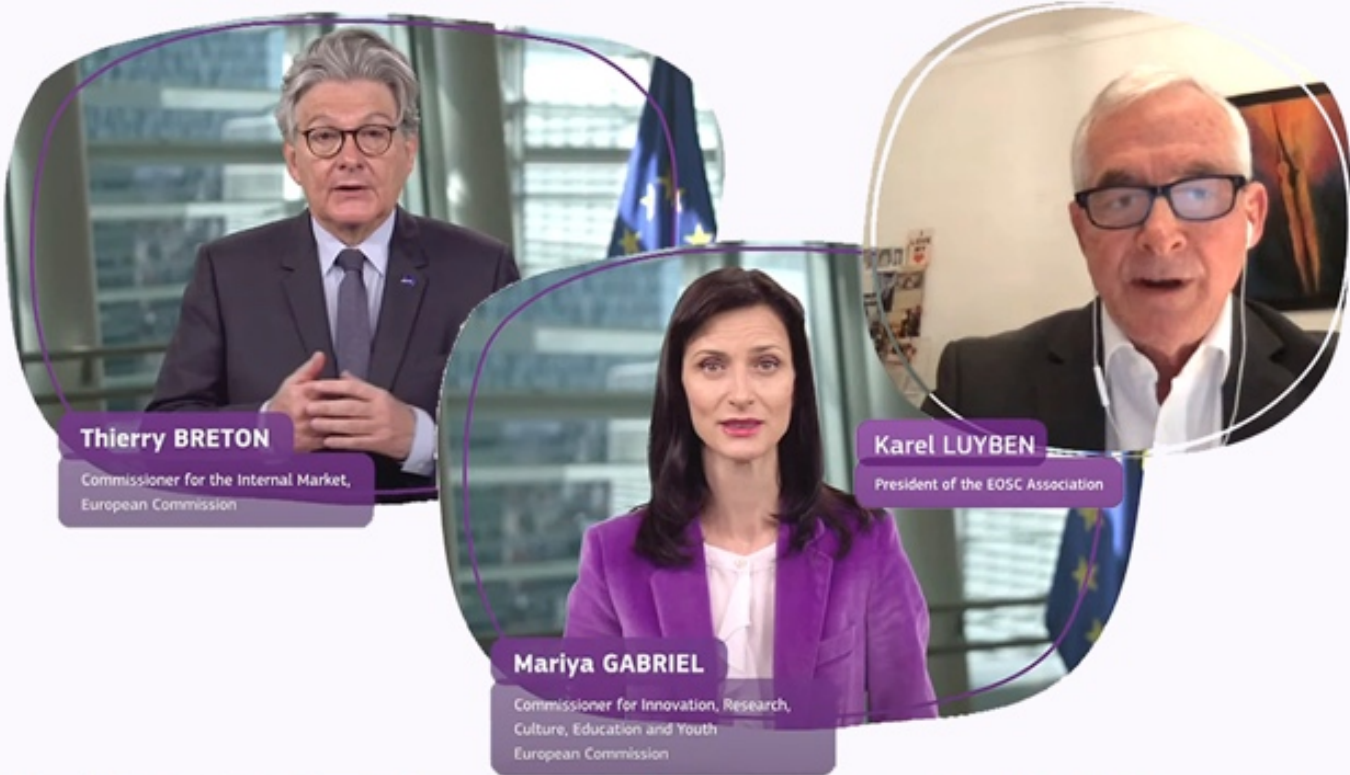


Wilhelm Widmark



Bob Jones

Horizon Europe Co-Programmed Partnership





Thierry BRETON
Commissioner for the Internal Market,
European Commission

Karel LUYBEN
President of the EOSC Association

Mariya GABRIEL
Commissioner for Innovation, Research,
Culture, Education and Youth
European Commission

**EUROPEAN
RESEARCH &
INNOVATION
DAYS 23-24
JUNE 2021**

**EOSC Gains
Co-Programmed
European
Partnership Status**



Actors in the EOSC Partnership

- Monitoring Obligations of the EOSC Partnership
- European Commission
 - DG RTD
 - DG CNECT
- Member States and Associated Countries
- RRF

Monitoring of the EOSC Partnership

Establishment of a single joint Monitoring System

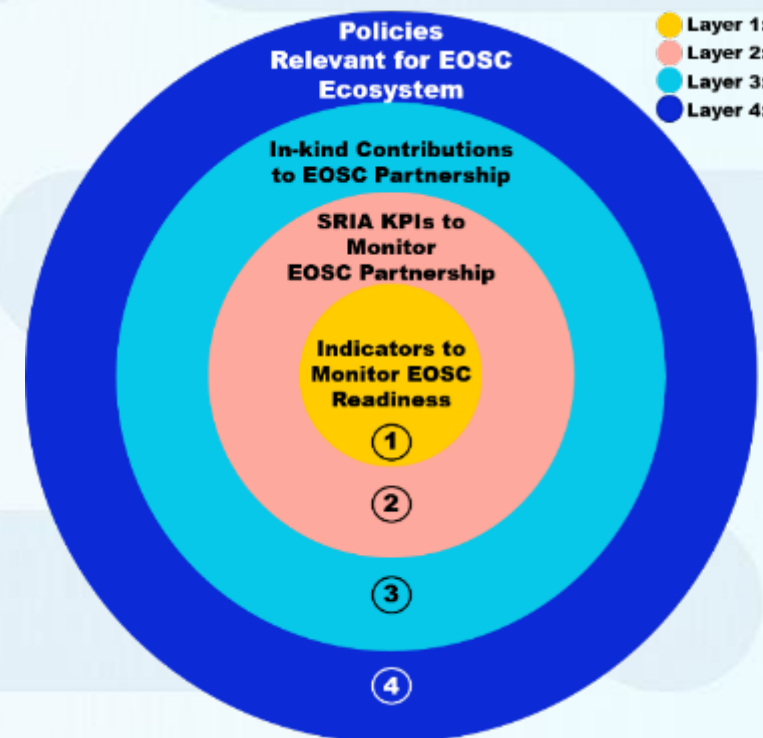
- Monitoring of Key Performance Indicators
- Review of Draft + baseline establishment in 2022

Additional Activities Reporting

- In-kind contributions of EOSC-A members to SRIA Objectives
- Annual Assessment



**Training for EOSC-A members
from January 2022**



DIRECTORATE-GENERAL RESEARCH & INNOVATION



DIRECTORATE A
ERA & INNOVATION
A. PANAGOPOULOU

A.1 EUROPEAN SEMESTER & COUNTRY INTELLIGENCE
HoU - M. DE CARLI
DHoU - B. BILBAO-OSORIO

A.2 ERA GOVERNANCE AND IMPLEMENTATION
HoU - M. ALEIXO
DHoU - J. NIEHOFF

A.3 R&I ACTORS AND RESEARCH CAREERS
HoU - A. KARAHALI
DHoU - D. SOBICZAK

A.4 OPEN SCIENCE
HoU - K. GLINDS**
DHoU - M. ARENTOFT

A.5 INNOVATION POLICY & ACCESS TO FINANCE
HoU - A. INOTAI
DHoU - J. NOVIKOVA

«ERA»
Adviser - ...



DIRECTORATE B
HEALTHY PLANET
J. BELL

B.1 CIRCULAR ECONOMY & BIOBASED SYSTEMS
HoU - P. MISHA
DHoU - P. GOYENS

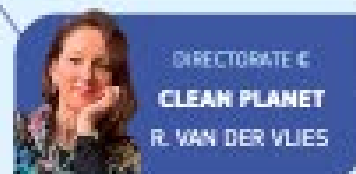
B.2 BIOECONOMY & FOOD SYSTEMS
HoU - P. WEHRHEIM
DHoU - K. FABBRI

B.3 CLIMATE & PLANETARY BOUNDARIES
HoU - P. TULKENS
DHoU - ...

B.4 HEALTHY OCEAN & SEAS
HoU - E. BALZI**
DHoU - S. NEMETH

«HEALTHY PLANET»
Adviser - ...

UNIT 02
COMMUNICATION
HoU - P. MOMOLI
DHoU - G. RUOTOLO



DIRECTORATE C
CLEAN PLANET
R. VAN DER VLIES

C.1 CLEAN ENERGY TRANSITION
HoU - H. CHRAYE**
DHoU - J. SCHUPPERS

C.2 FUTURE URBAN & MOBILITY SYSTEMS
HoU - P. FROISSARD
DHoU - W. PANKAUKE

C.3 LOW EMISSION FUTURE INDUSTRIES
HoU - J. AMILHAT
DHoU - A. GENTILI

C.4 EURATOM RESEARCH
HoU - E. RIGHI STEELE
DHoU - D. ROSSETTI
DI VALDALBERO

«CLEAN PLANET»
Adviser - ...

UNIT 03
SCIENCE POLICY, ADVICE & ETHICS
HoU - R. TOMELLINI
DHoU - J. VERRAES (act)

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SCIENCE POLICY, ADVICE & ETHICS
HoU - R. TOMELLINI
DHoU - J. VERRAES (act)



DIRECTORATE D
PEOPLE
I. NORSTEDT

D.1 COMBATTING DISEASES
HoU - B. KERSTIENS**
DHoU - C. BERENG

D.2 HEALTH INNOVATIONS & ECOSYSTEMS
HoU - C. LAPLAZA SANTOS
DHoU - A. VAN HENGEL

D.3 FAIR SOCIETIES & CULTURAL HERITAGE
HoU - H. HARTUNG
DHoU - M. KAYAMANIDOU

D.4 DEMOCRACY EUROPEAN V
HoU - K. REPP
DHoU - F. DE L
FRANC

ASSISTANT
A. TERZOPOULOU

«CLIMATE SCIENCE & INNOVATION»
Adviser - ...



DIRECTORATE E
PROSPERITY
P. DRÖLL

E.1 INDUSTRIAL RESEARCH, INNOVATION & INVESTMENTS AGENDAS
HoU - D. SCHRÖCKER
DHoU - A. WILLE

E.2 VALORISATION POLICIES & IPR
HoU - K. HAAVISTO**
DHoU - I. SAGIAS

E.3 INDUSTRIAL TRANSFORMATION
HoU - J. TIEDJE
DHoU - S. NORAGER

E.4 INDUSTRY
HoU - S. O
DHoU - S. O

«SUSTAINABLE DEVELOPMENT»
Adviser - ...



DEPUTY DIRECTOR-GENERAL
IN CHARGE OF DIRECTORATES A, C, E & H
THOMAS SKORDAS (ACTING)



DIRECTOR-GENERAL
ROBERTO VIOLA



The Role of the MS / AC

- EOSC Steering Board / prolonged mandate as independent, co-chaired (new!) EC Expert Group
- Tripartite Collaboration
 - Deployment of a minimum viable EOSC and its added value
 - deployment of one monitoring system;
 - alignment of policies as a tripartite
- Mandated Members within EOSC-A
 - Role to be defined
 - First dialogue meeting with Mandated Members, 1st February
- National Structures
 - Established on national level to coordinate EOSC activities
 - No structured interaction between EOSC-SB / EOSC-A and National Structures yet

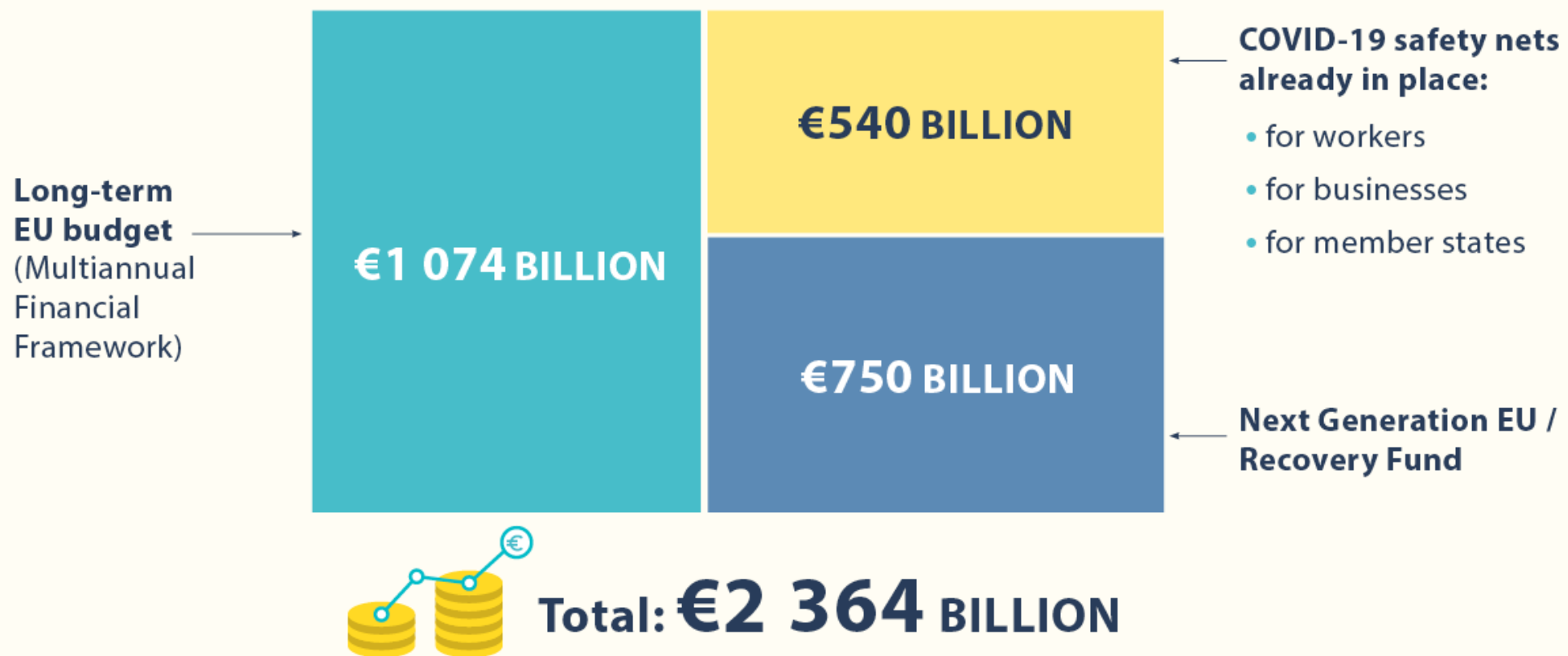
EOSC-SB

The main purpose of the group is to provide advice and expertise to the Commission and its departments in relation to the strategy for the EOSC, to support coordination of and synergies with European and national policies and investments in EOSC and to help monitoring the overall EOSC strategic development and implementation..

The group will also co-operate with the EOSC Association on matters concerning the harmonised development of EOSC in Europe.

Recovery and Resilience Facility

A recovery plan for Europe



Content of the MoU (2021 – 2030)

- The MoU is established between the Partners
 - The EU represented by the Commission
 - The EOSC Association (“Partners other than the Union”), including its constituent entities (members)
- The MoU is a contractual arrangement, not legally binding
- Scope & objectives
 - To contribute to the objectives defined in the SRIA incl. the KPIs to measure progress
 - Expected financial and in-kind commitments by the partners (490 MEUR + 500 MEUR)
- Governance: Partnership Board
 - Composition: Representatives appointed by the Partners other than the Union, Commission officials and Representatives of the Steering Board
- Commitments of the EC
 - To duly take into account the input and advice from EOSC-A when defining call topics relative to the scope and objectives of the SRIA
- Commitments of EOSC-A
 - In-kind contributions
 - Monitoring and Reporting

Horizon Europe



Pillar 1 Excellent Science

European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures

Pillar 2 Global Challenges and European Industrial Competitiveness

- Clusters
- Health
 - Culture, Creativity and Inclusive Society
 - Civil Security for Society
 - Digital, Industry and Space
 - Climate, Energy and Mobility
 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3 Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

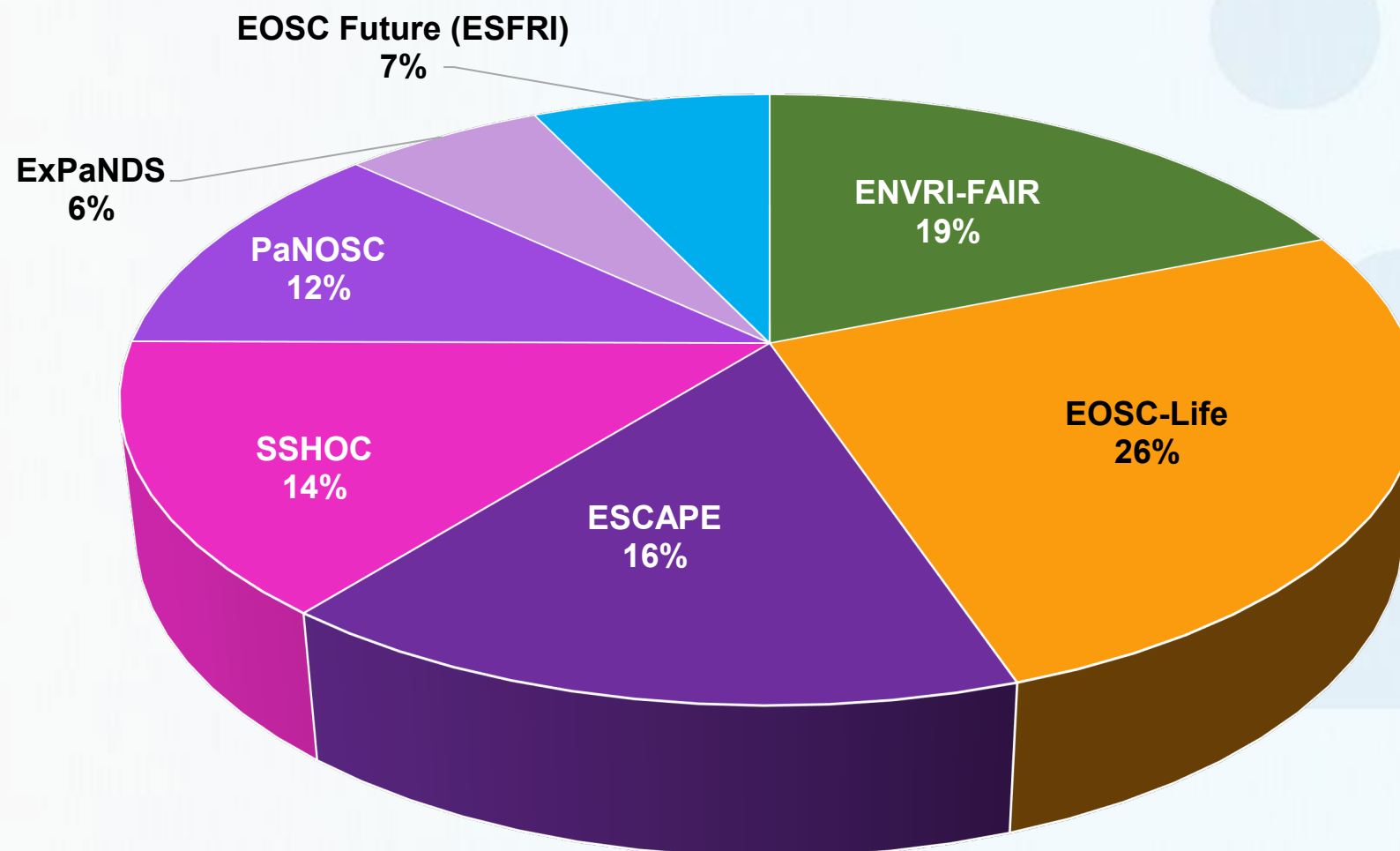
Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

Cluster Projects in Horizon 2020

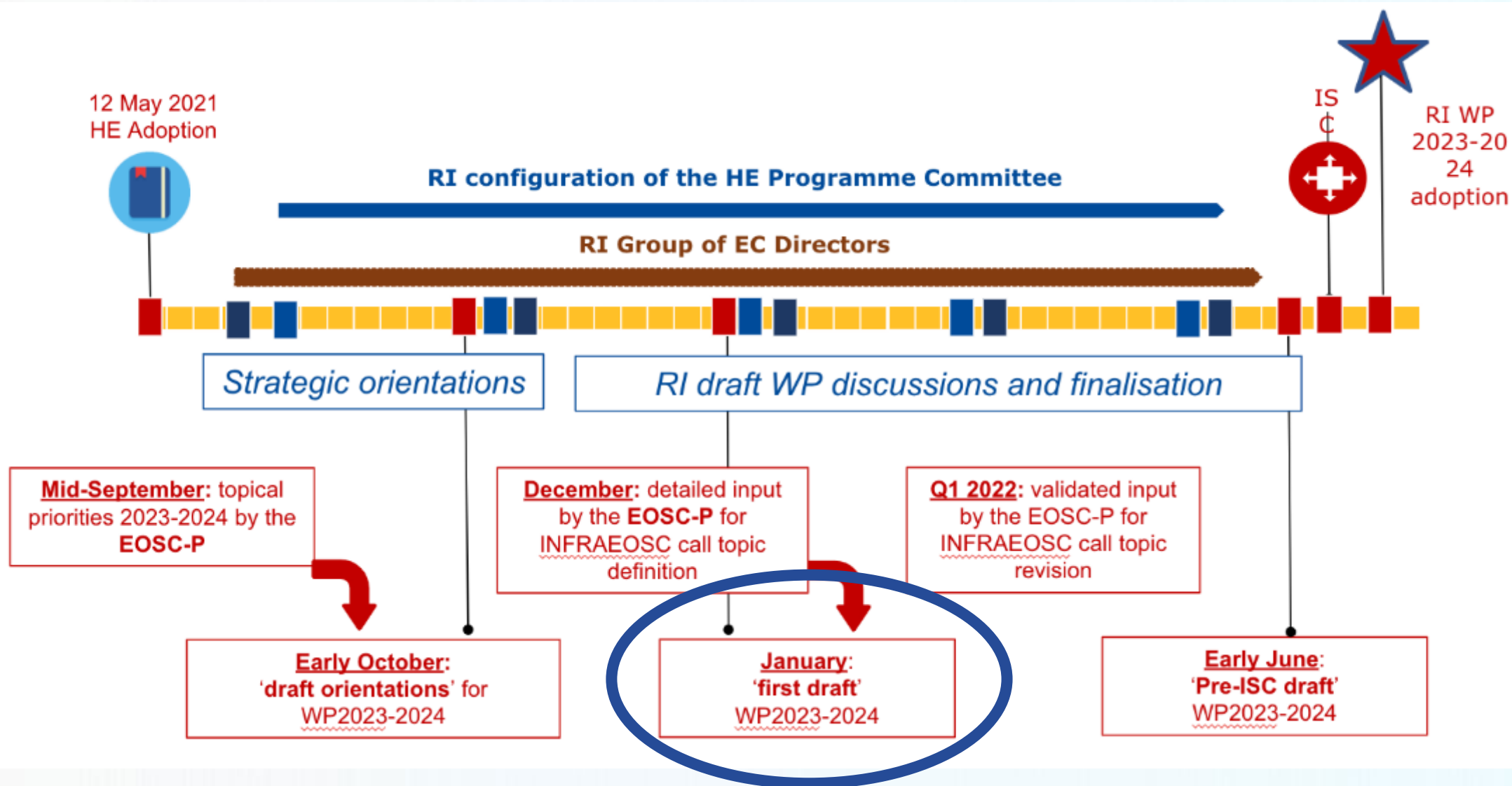
Total EUR 100.690.146,14



Cordis Information

- Total budgets for 5 H2020 Cluster projects
- Total ExPaNDS budget
- ESFRI Landmarks in EOSC Future

HE Work Programme 2023/24



Multi-Annual Roadmap Up-date / Consultation



Stage 1 (2021–2022): Development towards added value from a functional federation of infrastructures

Enabling the **European Open Science Cloud operations (the EOSC-Core)** to provide necessary core functions of the Minimum Viable EOSC (MVE) that allow federation of existing and future infrastructures, with associated rules of engagement and governance that provision growth and expansion in the following stages.

Stage 2 (2023–2024): Expansion to production that generates added value

Expanding and building the core data infrastructure to support the full cycle of workflows for scientific research in key thematic areas. During this period, work to build on pilots/demonstrators and to link EOSC beyond the research communities to the wider public sector and the private sector will begin.

Stage 3 (2025–2027 and beyond): Expansion to develop impact from Open Science

Deployment of federated research infrastructures for European researchers with functionality that provisions actors from multiple communities to deliver impactful Open Science. In addition to European infrastructures, the national research infrastructures delivered from the Member States and Associated Countries in particular will help in this expansion phase.

Proposed Timing

- 04.02. Start of drafting process inside EOSC-A Board and team
- 11.02. Deadline for additional input from TFs
- 28.02. Draft MAR ready
- ½ March Consultation with broader community
- Easter finalisation of SRIA 1.1 including agreed Monitoring Framework

Council Conclusions, 26th November 2021



Voluntary ERA Actions 2022 – 2024

- No.1: EOSC
- No. 3: Reform of research assessment system
- No. 4: Research Careers
- No. 8: Sustainability, accessibility, resilience of RIS
- No. 19: Establish ERA monitoring framework

Foundation for strengthening the collaboration

Collaboration Possibilities

Proposal

- Assessment of interest of ERIC Forum in becoming a Mandated Organisation in EOSC-A (both parties / statutes change required)
- Active participation in up-coming MAR consultation
- **Collaboration for the organisation of EOSC Partner Days in MS/AC**