eosc

The role of the community in the EOSC Federation and the future EOSC governance

Ute Gunsenheimer, Secretary General
EOSC Association

12 September 2024

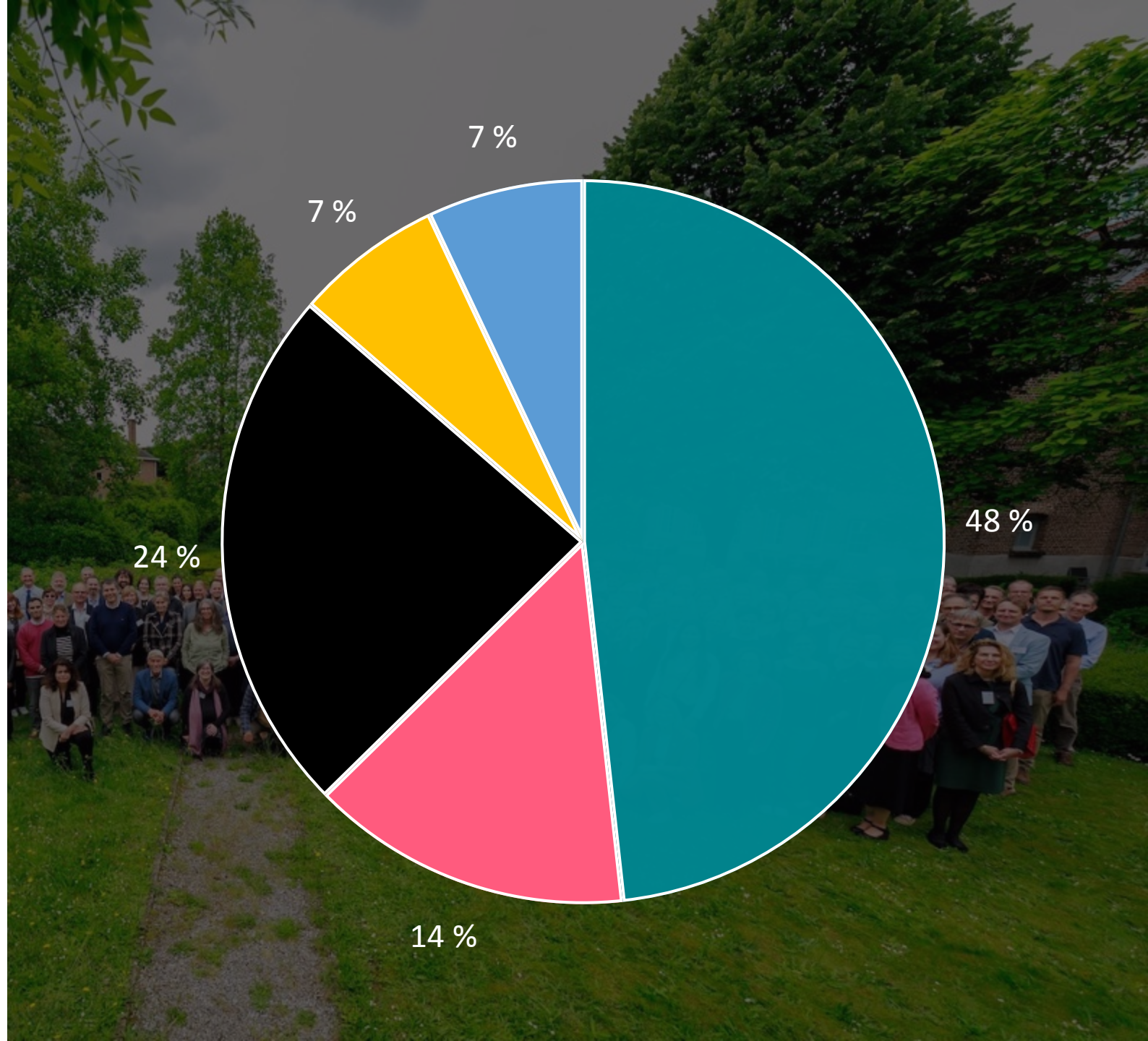# EOSC-A: the representative Voice of the Community

EOSC-A General Assembly #8
27-28 May 2024, Leuven

French Members and Observers

Mandated Organisation

Inria

Members

Cines · Inserm · l'Observatoire de Paris | PSL · INRAE

cnrs · Université de Strasbourg · RENATER CONNECTEUR DE SAVOIRS · Université Paris Nanterre

GENCI · Ifremer · CPU CONFÉRENCE DES PRÉSIDENTS D'UNIVERSITÉ · cea · Université de Montpellier

Université de Paris · université PARIS-SACLAY

Observers

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Université DE LORRAINE · Université Clermont Auvergne · université de BORDEAUX · UGA Université Grenoble Alpes

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Dedicated Forums in EOSC-A

Mandated Organisations
Bi-directional role: MOs are evolving into community hubs in their countries, bringing the European-level EOSC developments to their national contexts

ESFRI RI Working Group
Established at GA#5, November 2022. Re-launched with intense Node discussion

e-infrastructures Forum
Bi-monthly meetings initiated by e-infras

RPO Umbrella Organisation
Outreach via our Members who represent intermediaries in the ecosystem, such as university alliances, networks and funders
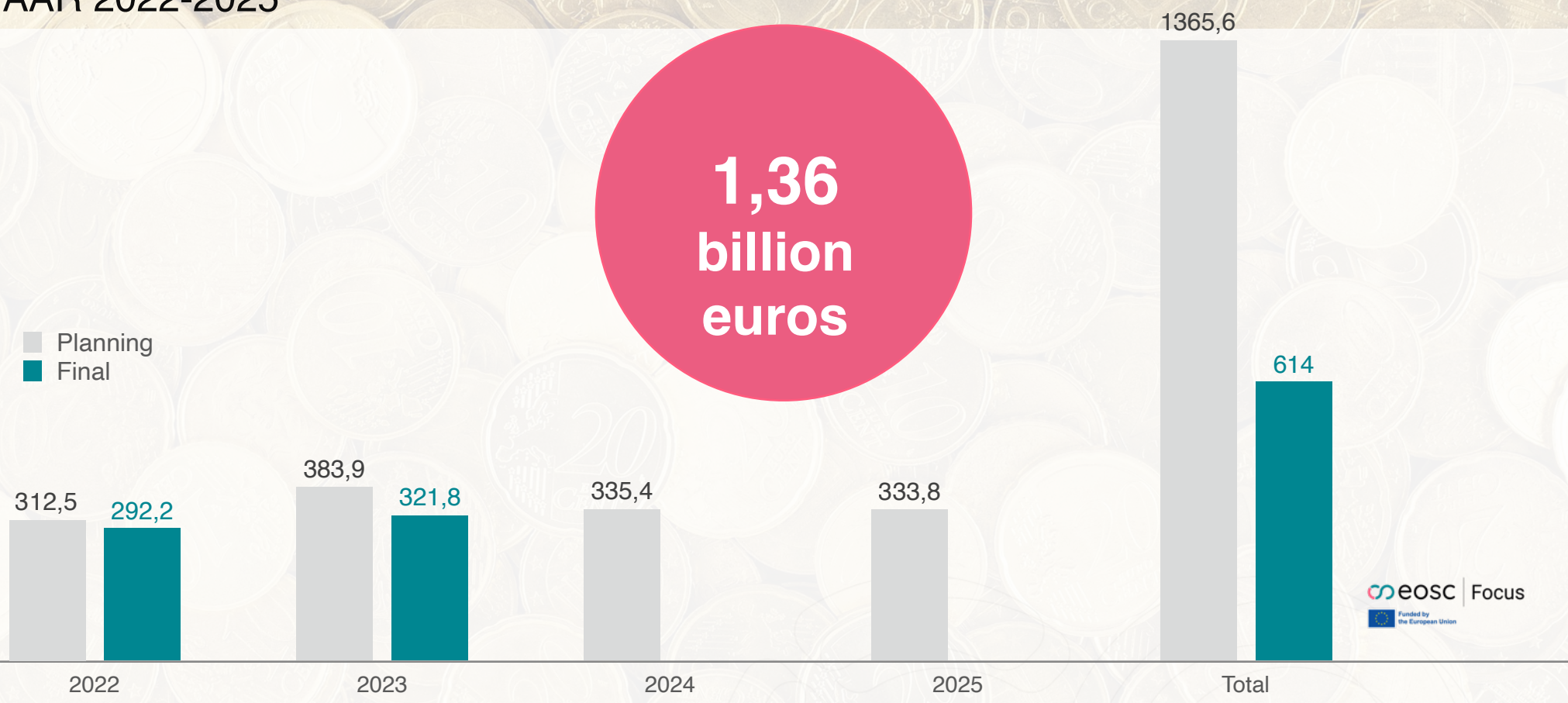
Funders Forum
Brings together national and European funders to coordinate and align investments and policies related to Open Science and the EOSC ecosystem

EOSC Association Task Forces

	FAIR Metrics and Digital Objects	Health Data	EOSC Technical and Semantic Interoperability	Long-Term Data Retention
Co-chairs	Elli Papadopoulou, Athena RC; and Mark Wilkinson, UPM	Lene Krøl Andersen, Computerome, DTU; and Petr Holub, BBMRI-ERIC & Masaryk University	Diego Scardaci, EGI Foundation; Jiří Marek, Masaryk University; and Christos Kanellopoulos, GÉANT	Jenny O'Neill, HEAnet
Members	51	44	60	37
French members		ecrin; CONFÉRENCE DES GRANDES ÉCOLES	l'Observatoire de Paris	PSL★; Université de Strasbourg; UNIVERSITÉ DE LORRAINE	cnrs

Driving Collaboration among EOSC Projects
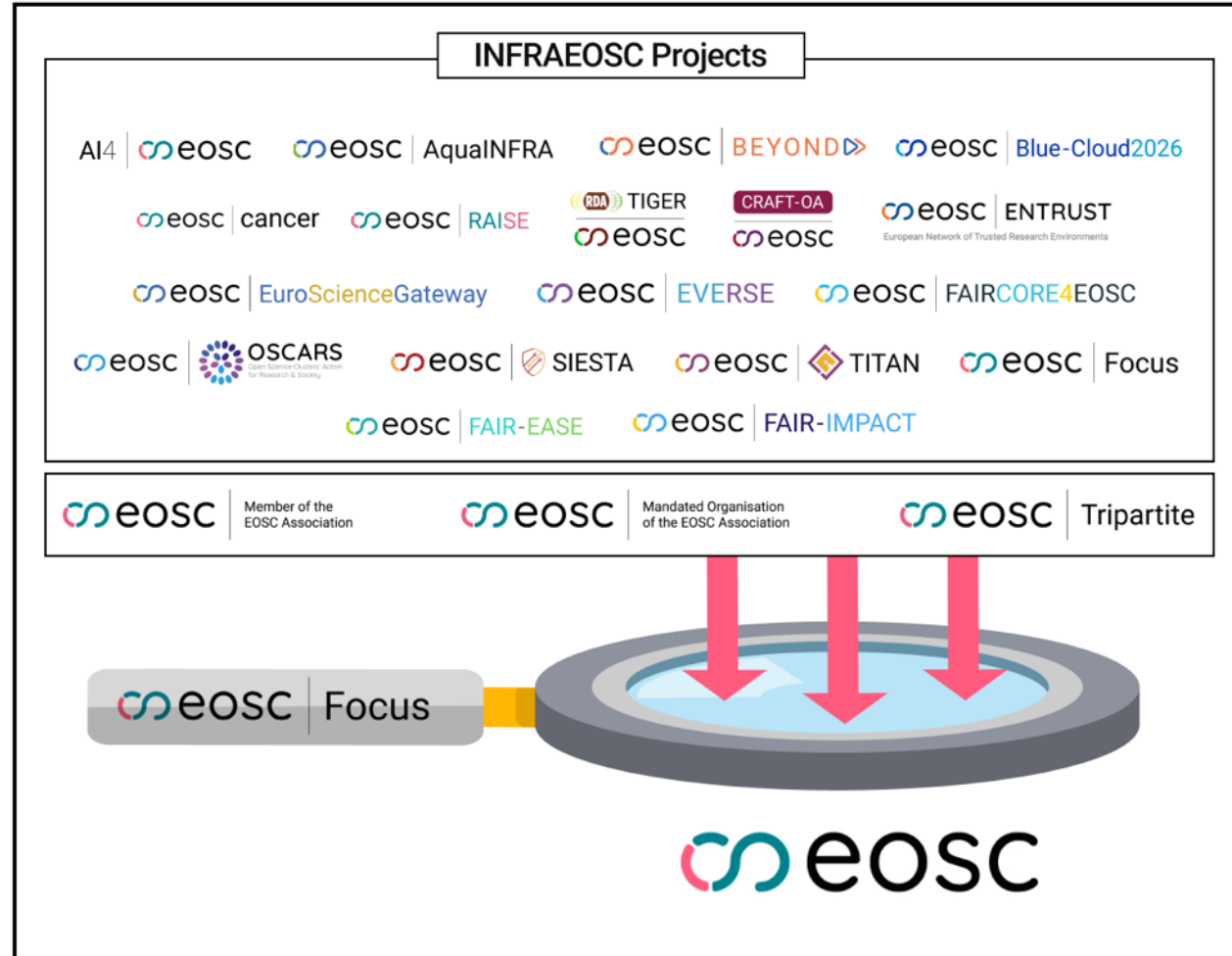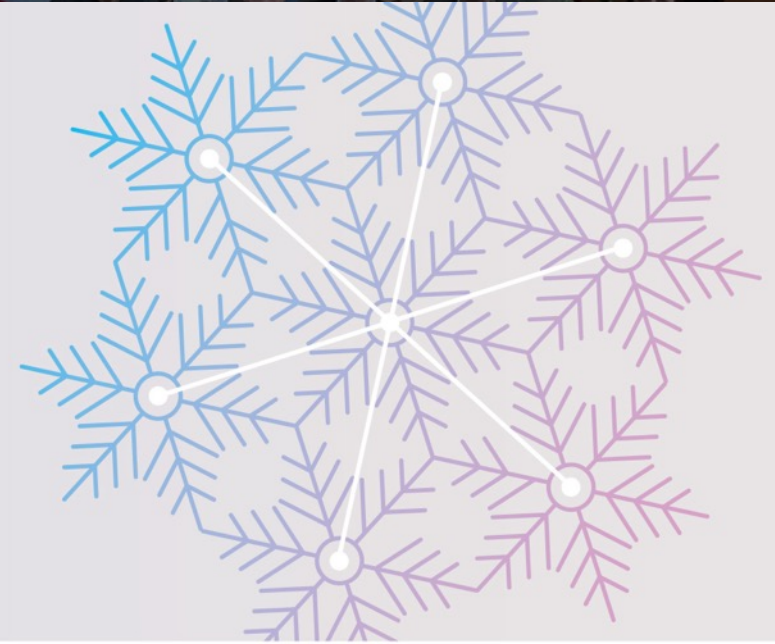
Tripartite Governance & EOSC Partnership

Tripartite Governance: Building the Future

Task 1	Task 2	Task 3	Task 4	Task 5
Deploying and operating the EOSC EU Node	EOSC Federation	Enabling a web of FAIR data and services for science	Research and prototyping new capacities for the EOSC Federation	Enable OS policies and uptake of OS practices through EOSC

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Building the
EOSC Federation
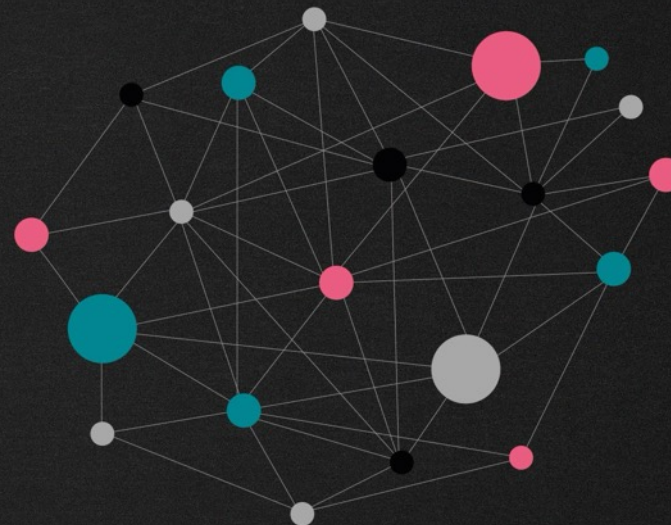
Evolution of the Node concept

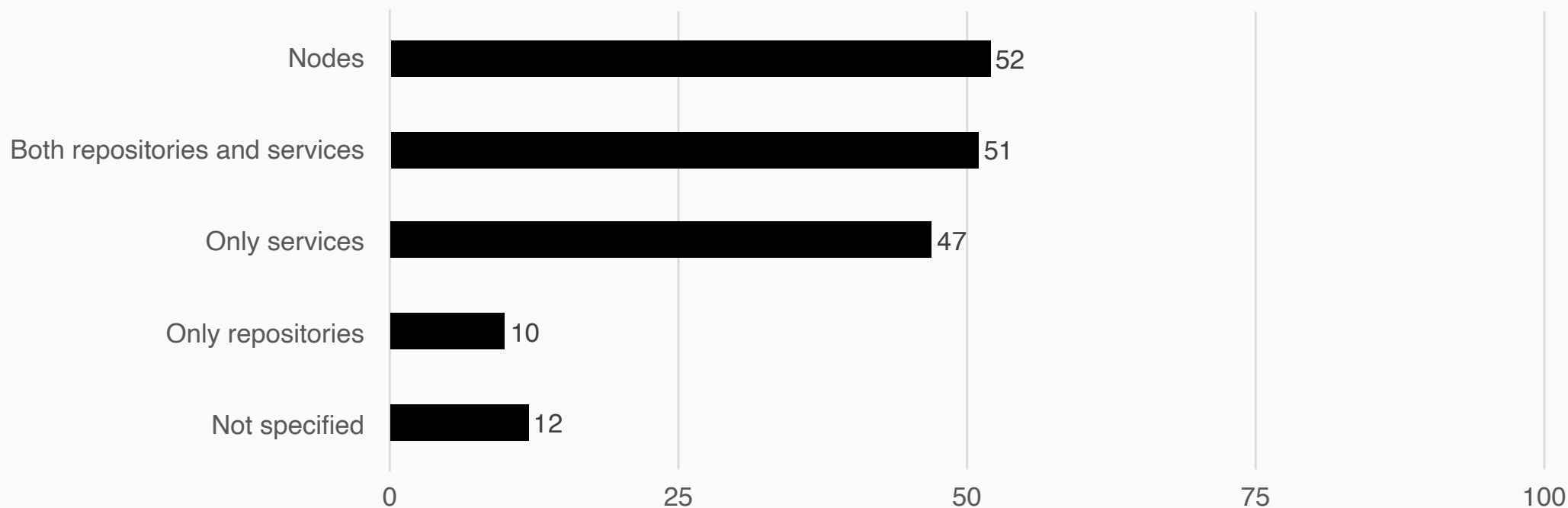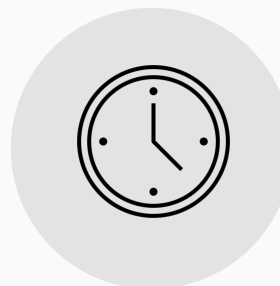| Spring 2023	July 2023	September 2023	October 2023	November 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024
Introduction EOSC EU Node and concept of nodes by EC	Meetings with Mandated Organisations and ESFRI RI Working Group to prepare September workshops, 03./04.07	Community Workshops MOs & ESFRI RI WG (08./15.09.) Unconference EOSC Symposium (21.09.)	Publication of Draft Position Paper on the EOSC Federation and the role of Nodes (13.10.) & Consultation	Publication of revised version of Draft Position Paper (12.11.) & Consultation	16/17 January: 2 Community webinars	Integration of community feedback & drafting of table of contents for EOSC Federation Handbook	Discussion of EOSC Federation Handbook concept with EC and EOSC-SB Policy Group	Presentation of "Minimum requirements of Nodes" draft at European Tripartite Event, 16 April	15 May:Tripartite Group with External Experts to discuss Node Requirements	Launch of questionnaire on contributing to build-up of EOSC federation

Consultation on Node requirements during EOSC-A GA#8, May 2024

Questionnaire for parties interested in contributing to the build-up phase of the EOSC Federation: Distribution of submissions

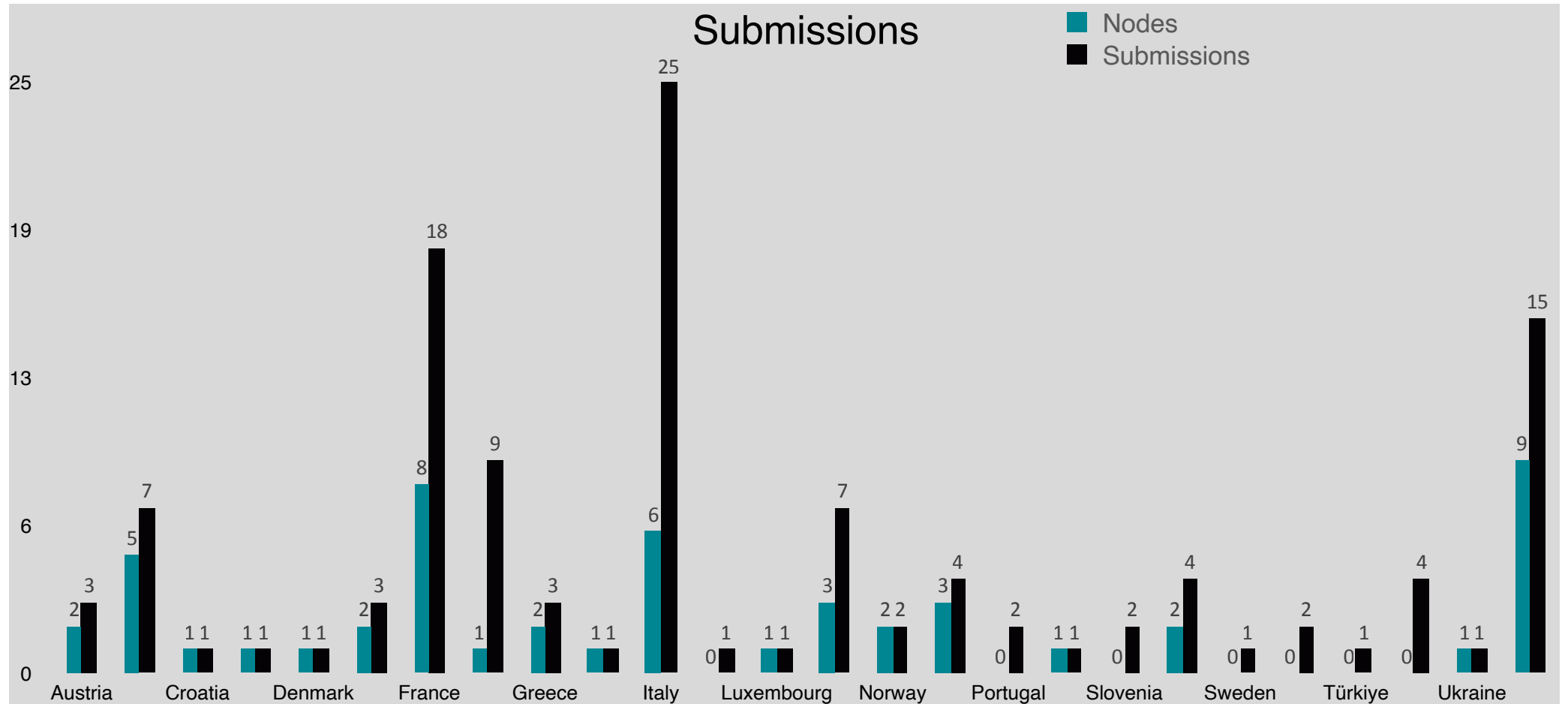| Category	Value
Nodes	52
Both repositories and services	51
Only services	47
Only repositories	10
Not specified	12

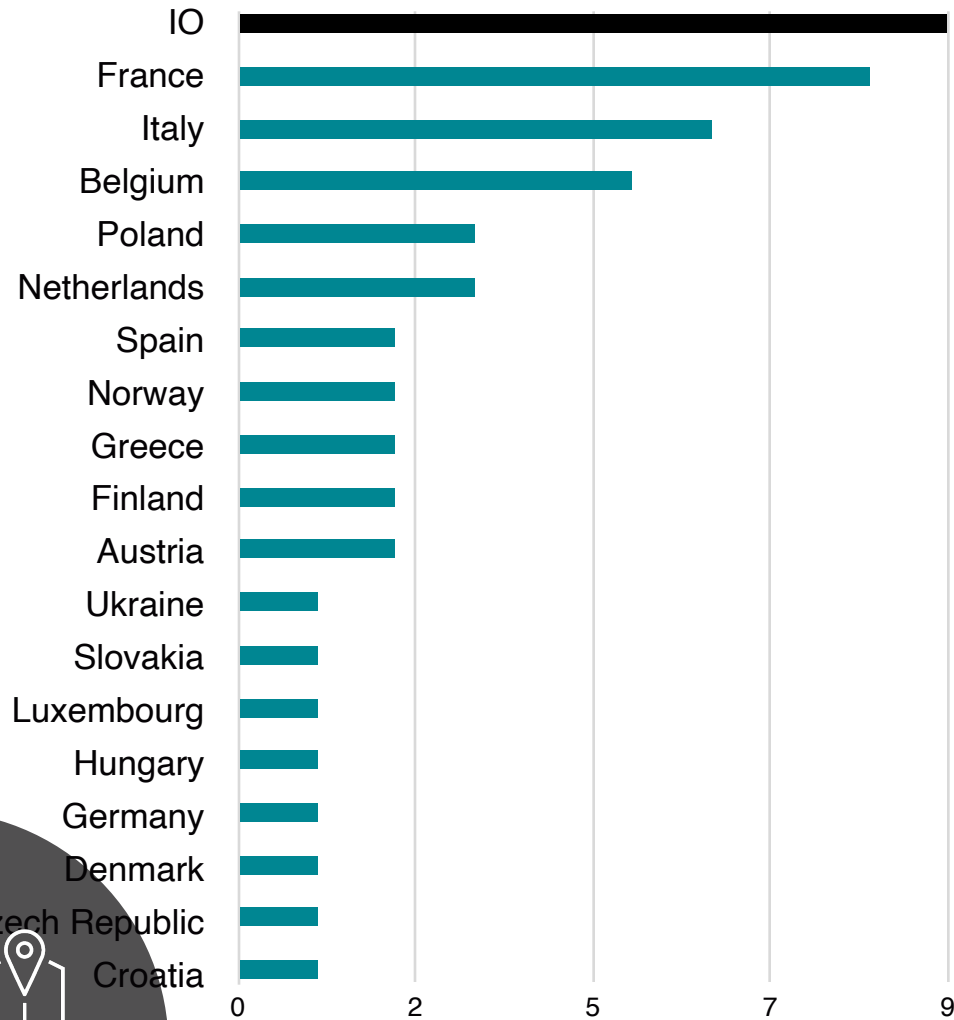**121** Submissions in total

Questionnaire open: 12 Jun - 18 Aug 2024
Late submissions: 31 Aug 2024

Distribution of nodes and resources across MS/AC and International Organisations
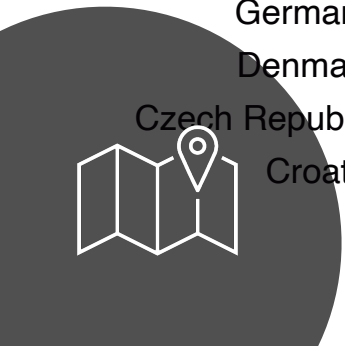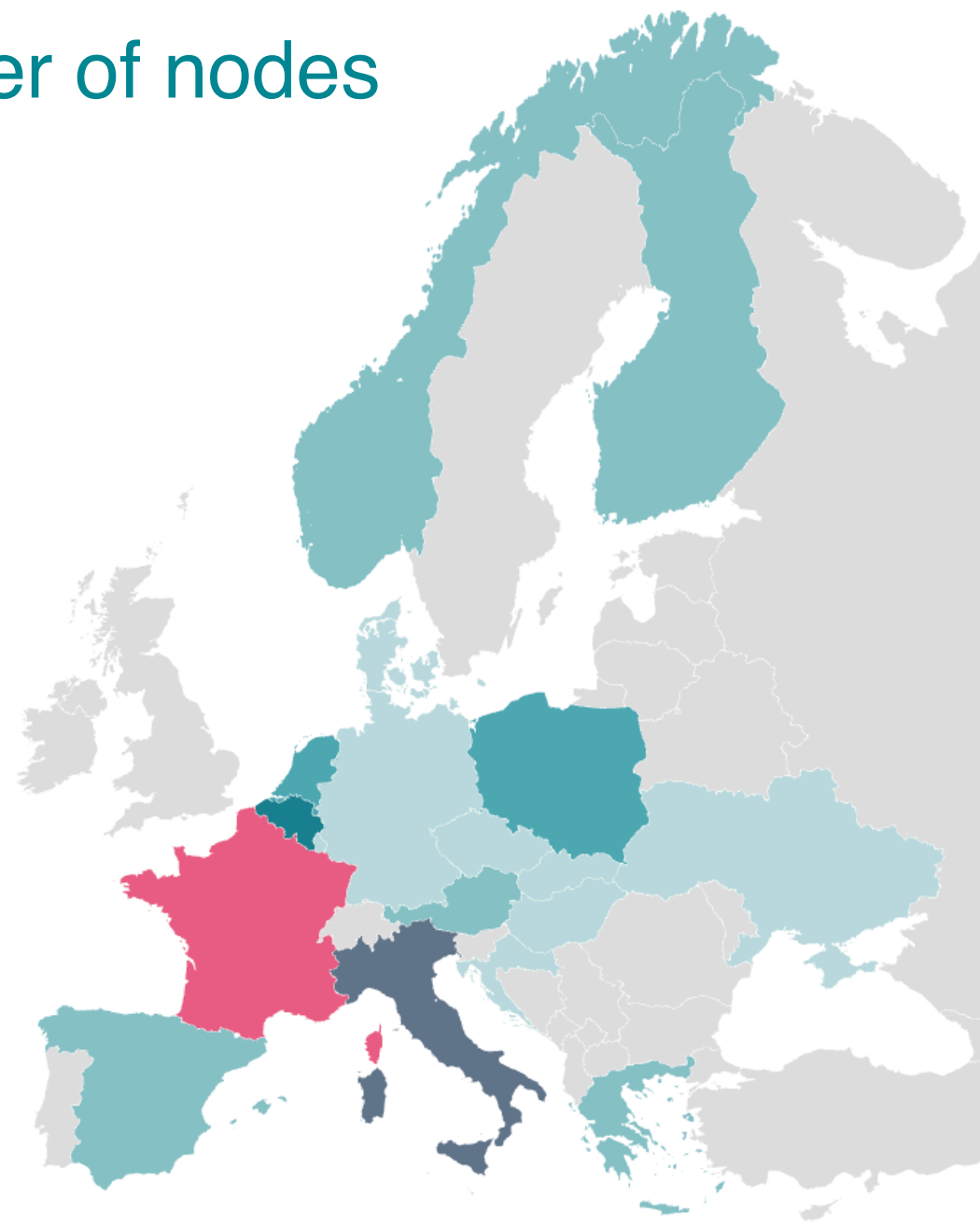

Submissions

- Nodes
- Submissions

	Nodes	Submissions
Austria	2	3
	5	7
Croatia	1	1
Denmark	1	1
	1	1
	2	3
France	8	18
	1	9
Greece	2	3
	1	1
Italy	6	25
Luxembourg	0	1
	1	1
Norway	3	7
	2	2
Portugal	3	4
	0	2
Slovenia	1	1
	0	2
Sweden	2	4
	0	1
Türkiye	0	2
	0	1
Ukraine	0	4
	1	1
	9	15

Intensity map based on number of nodes

Country	Nodes
IO	9
France	~8
Italy	~6.5
Belgium	~5.5
Poland	~3
Netherlands	~3
Spain	~1.8
Norway	~1.8
Greece	~1.8
Finland	~1.8
Austria	~1.8
Ukraine	~1
Slovakia	~1
Luxembourg	~1
Hungary	~1
Germany	~1
Denmark	~1
Czech Republic	~1
Croatia	~1

Nodes
0   4,5   8

Host countries for IOs are not included on the map
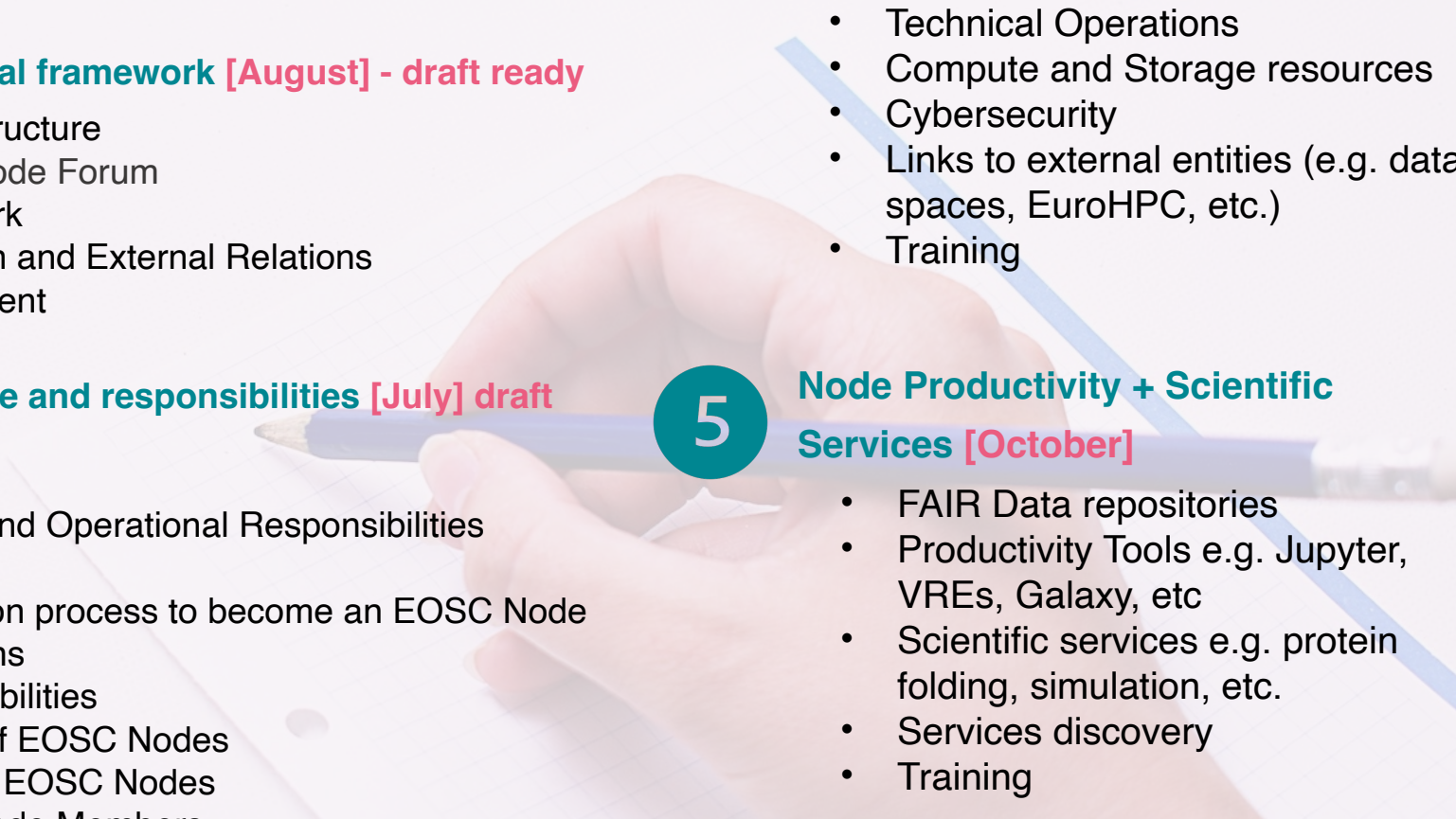
EOSC Federation Handbook
## Progress updated by the EOSC Association Board

EOSC Federation Handbook outline

Chapters 1-3: drafts ready for open consultation, Chapters 4-5: next chapters planned

1 **Purpose [June] – 2nd draft ready**
- Goals & purpose of EOSC Federation
- Success criteria for the Federation

2 **Governance and legal framework [August] - draft ready**
- Governance structure
  - EOSC Node Forum
- Legal framework
- Communication and External Relations
- Risk management

3 **Operational structure and responsibilities [July] draft ready**
- Introduction
- Management and Operational Responsibilities
- Nodes
  - Application process to become an EOSC Node
  - Operations
  - Responsibilities
  - Review of EOSC Nodes
  - Roles for EOSC Nodes
  - EOSC Node Members

4 **EOSC Federation platform [September]**
- Core & Exchange Services (EU Node)
- Federation Interoperability Framework
- Technical Operations
- Compute and Storage resources
- Cybersecurity
- Links to external entities (e.g. data spaces, EuroHPC, etc.)
- Training

5 **Node Productivity + Scientific Services [October]**
- FAIR Data repositories
- Productivity Tools e.g. Jupyter, VREs, Galaxy, etc
- Scientific services e.g. protein folding, simulation, etc.
- Services discovery
- Training

Conclusions
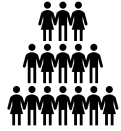
EOSC-A has grown into a dynamic, well-structured and responsive entity, representing the full diversity of our community

EOSC-A membership's in-kind contributions (Additional Activities) is a clear testament to our collective commitment

We have unlocked collaboration across EOSC-related projects, driving impactful synergies

Not only have we led the charge in shaping the EOSC Federation, but we have delivered tangble results that matter

The success of the EOSC Federation will depend on the buy-in and uptake of the community

Who better than EOSC-A to collaboratively lead the EOSC Federation, guided by the trusted oversight of the Tripartite Governance?