

EOSC Sustainability Working Group

Jessica Klemeier

EMBL

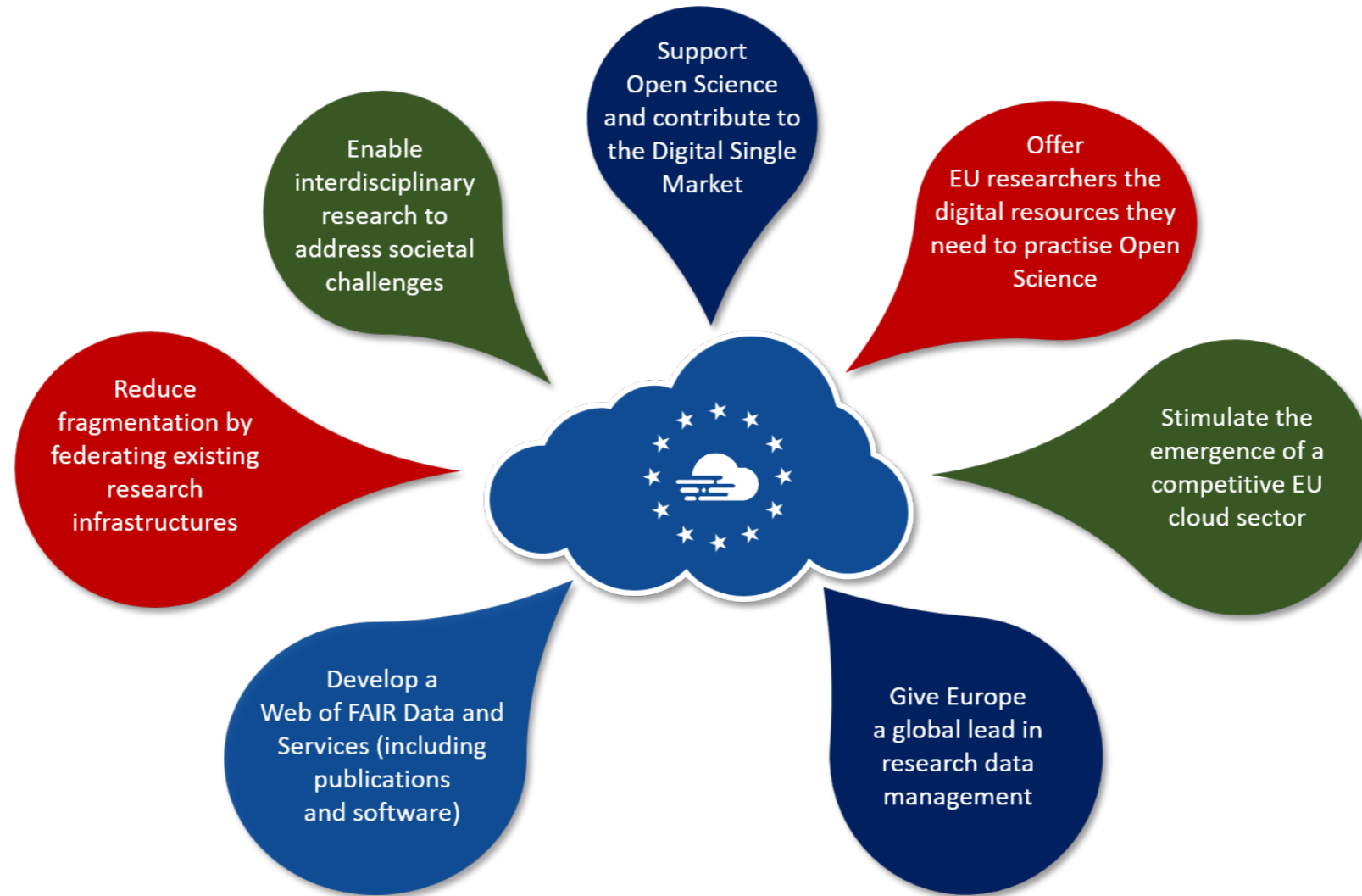
FAIR Forever? FAIRer for Longer: Digital Preservation and
the European Open Science Cloud
DPC Webinar

18th March 2021

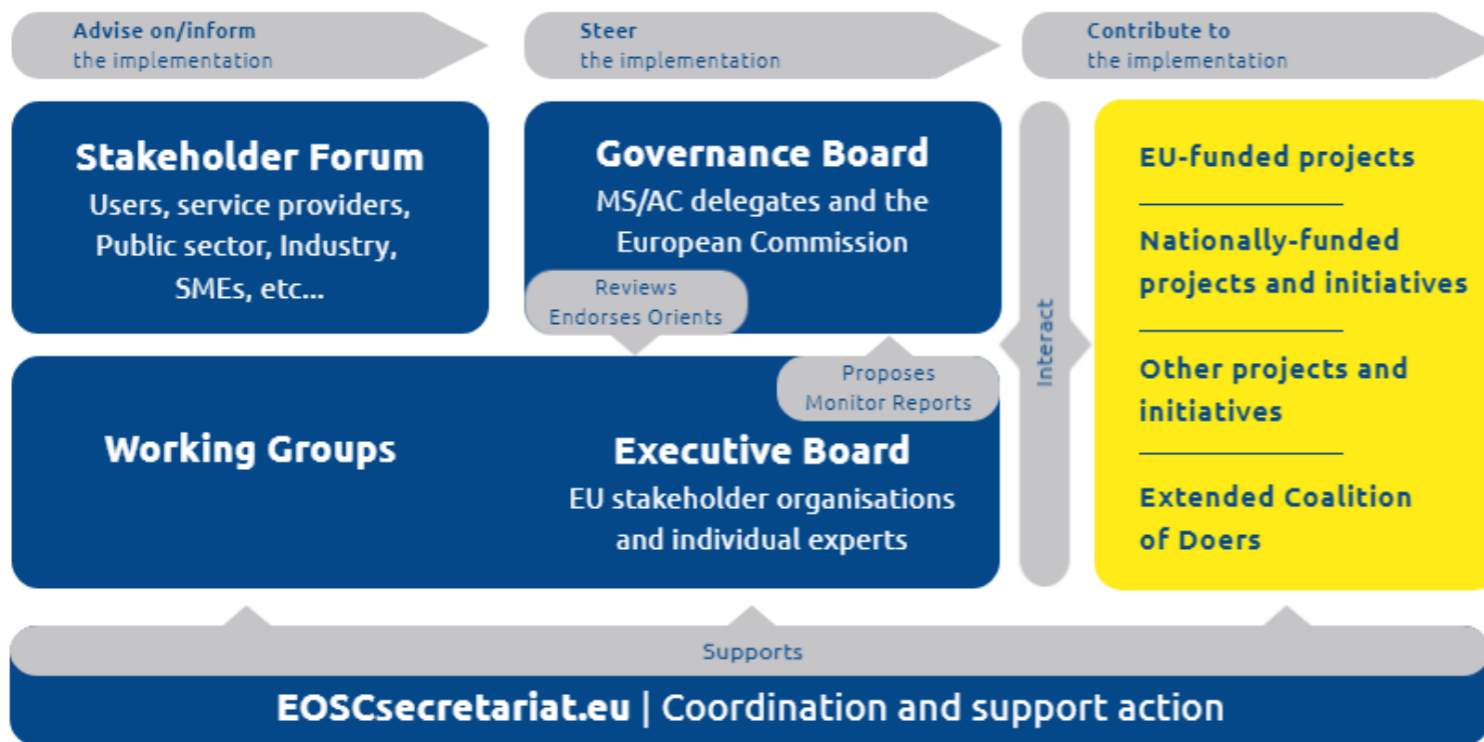


**EUROPEAN OPEN
SCIENCE CLOUD**

EOSC vision



EOSC governance structure until 31 December 2020

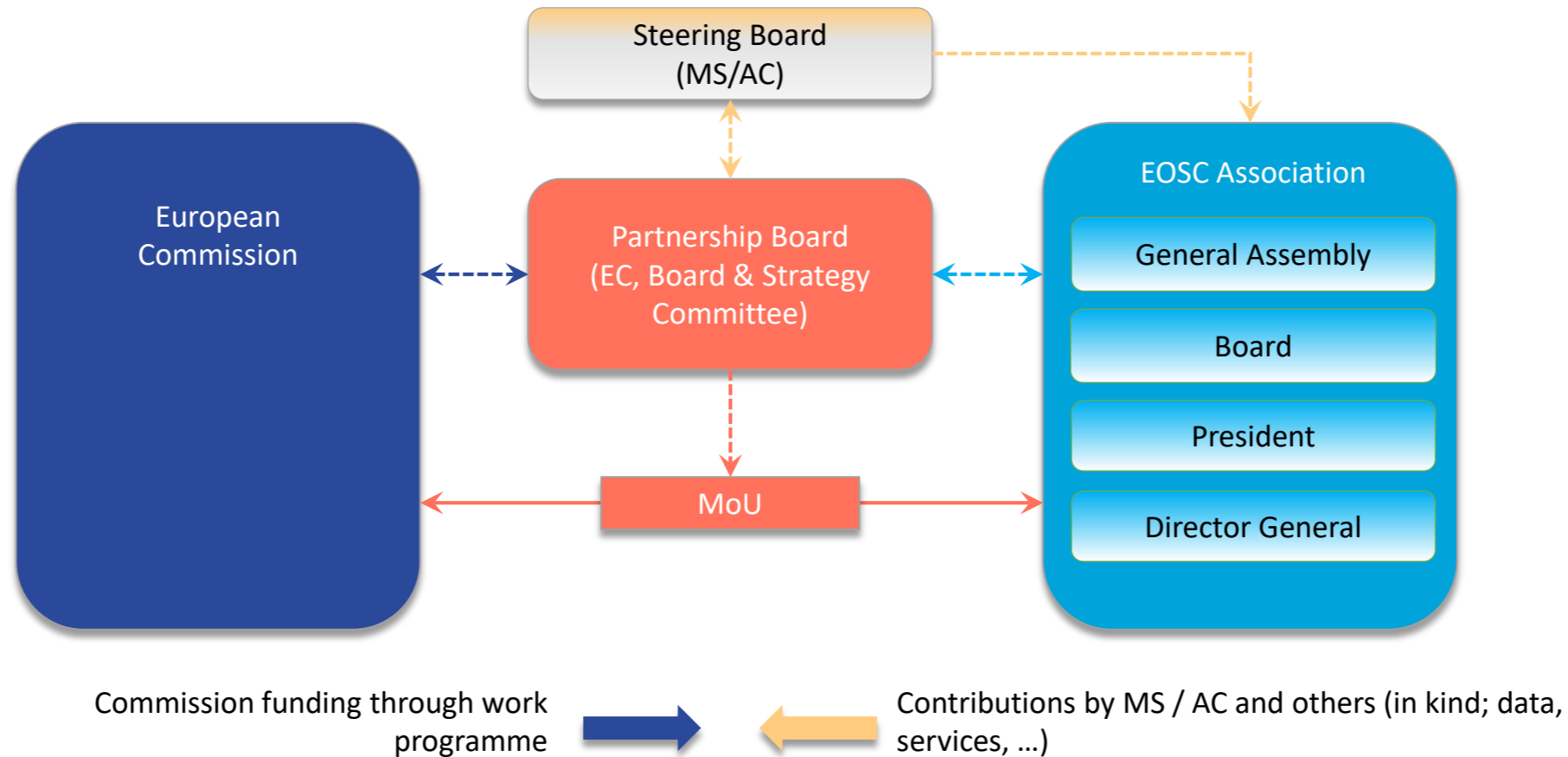


Executive Board - 11 members - 6 Working Groups

Organisation Chairs / Co-Chairs		
Karel Luyben	CESAR	Executive Board
Cathrin Stöver	GÉANT	Executive Board
Ron Dekker	CESSDA	TF Communication
John Womersley	ESS ERIC	WG Landscape
Rupert Lueck	EMBL	WG Sustainability
Lidia Borrell-Damián	Science Europe	WG Sustainability
Natalia Manola	OpenAIRE	WG Skills & Training
Juan Bicarregui	RDA	WG Rules of Participation
Jean-Francois Abramatic	Indiv. expert	WG Architecture
Jan Hrusak	Indiv. expert	WG Landscape
Sarah Jones	Indiv. expert	WG Fair

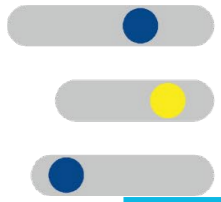


EOSC governance is transitioning – EOSC Partnership structure

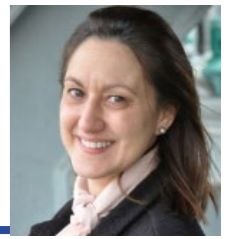


EOSC Association to take the work of the past 1,5 years forward





Co-Chairs
Rupert Lueck
EMBL



Lidia Borrell-Damián
Science Europe

WHAT

Provide strategic, legal and financing recommendations for an operational, scalable and sustainable EOOSC federation after 2020

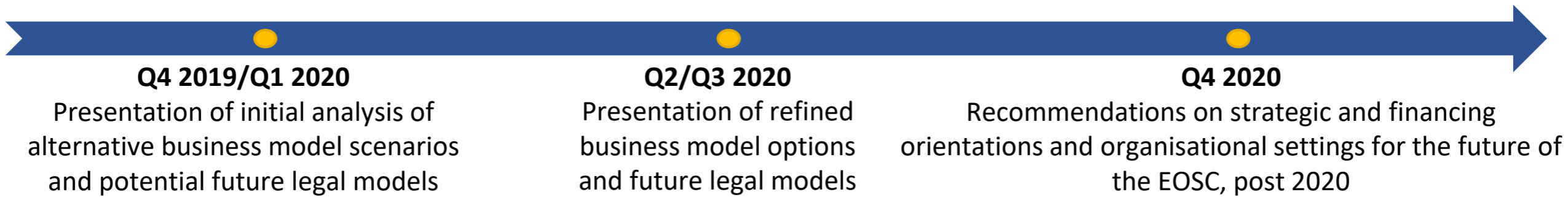
WHY

A clear understanding of key strategic, financial and legal aspects is essential for the second phase of the EOOSC implementation

Towards a sustainable EOOSC

HOW

1. Analyse business models and implications on legal entity, costs, regulations, financial strategies, supporting national alignment
2. Map potential legal entities, taking into account national and European legislation
3. Examine options for a governance framework to oversee EOOSC operations and development
4. Analyse regulatory/policy environments and assess impact of proposed structures and funding streams at national & European level

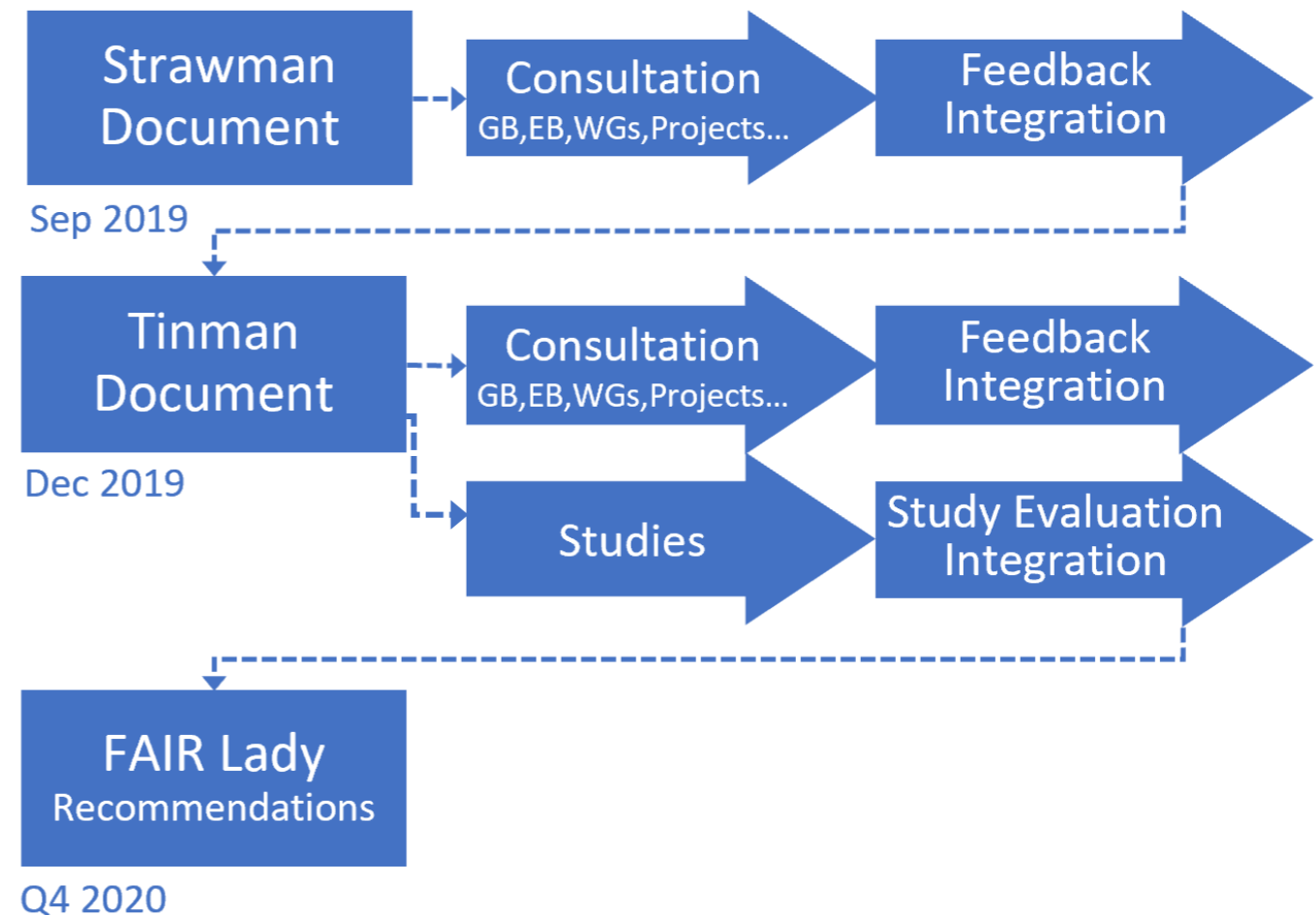


Work Process of the Sustainability Working Group

Identifying recommendations for EOSC post-2020 sustainability, i.e. business models, legal entity options, governance, national policy issues

Strawman – Tinman – FAIR Lady

- ★ Iterative approach & gradual growth of EOSC
- ★ Studies, e.g. on legal entity and business models



WG synergies and contributions to the FAIR Lady

Landscape
WG

Rules of
Part. WG

Architecture
WG

FAIR
WG



Theatrical release poster by Bill Gold;
original illustration by Bob Peak



Legal and strategic advice on EOSC
legal entity : **Kellen Group**

EOSC-core operational costs:
AcrossLimits and BoundaryLess

Strengthening of the EOSC Risk
Governance : **AON Hewitt**

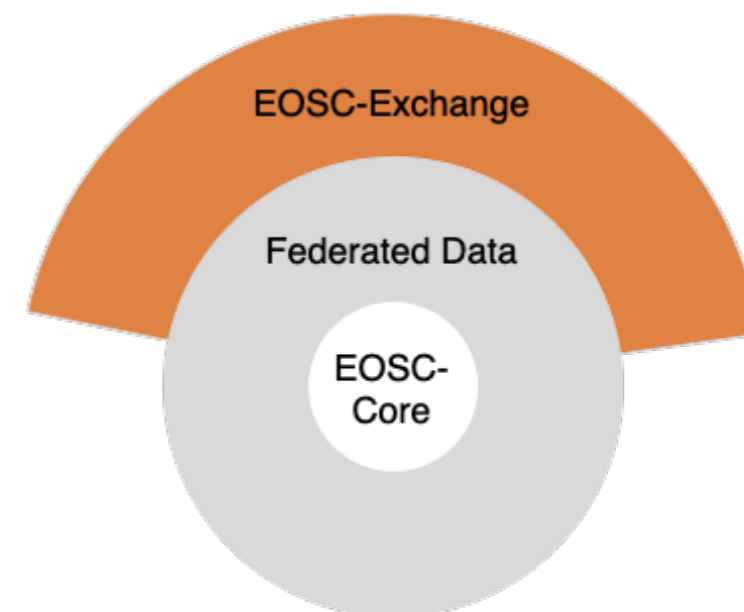
Expanding EOSC: **Industry Commons
Foundation**

Assessment Country Sheets Analysis:
Digital Curation Centre

FAIR forever: Long Term Data
Preservation: **Digital Pres. Coalition**

EOSC's first iteration – a Minimum Viable EOSC (MVE)

- ★ An iterative approach to progressively build trust and resolve conflicts between the stakeholders - acknowledges open questions still to be resolved
- ★ Establish an initial MVE that will enable the federation of existing and planned research data infrastructures
 - ★ Distinction between EOSC-Core (core services) and EOSC-Exchange (digital marketplace)
 - ★ Main focus and added value: connect disciplinary infrastructures and enable cross-disciplinary research
- ★ Second and third iteration to serve public sector and industry
 - ★ Would ideally be one 'marketplace' but differing requirements and legislation may require linked but alternately governed spaces
- ★ The full FAIR Lady report: [Solutions for a sustainable EOSC - Publications Office of the EU \(europa.eu\)](#)



The big picture

- ★ The EOSC vision is not limited to linking datasets, federating infrastructures, or aligning policies
 - ★ it links stakeholders throughout the data lifecycle and across the European research ecosystem
- ★ EOSC must be inclusive and supplement the activities of research communities
- ★ EOSC must acknowledge and work towards reconciling existing divergence across and within stakeholder groups about the benefits and costs of EOSC
 - ★ Includes potential disruption it may cause to existing structures, decision making processes and funding models
- ★ The creation of the EOSC Association is an important achievement and it could provide a forum where the stakeholders resolve their differences and confirm their commitment to EOSC

