

# The Sustainability WG “Iron Lady” document

Bob Jones, CERN

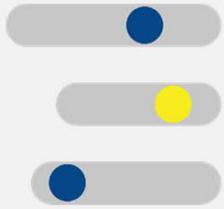
Rapporteur of Sustainability Working Group

6 October 2020

StF-ESFRI<sub>2</sub> workshop



**EUROPEAN OPEN  
SCIENCE CLOUD**



# EOOSC Sustainability

Executive Board Working Group



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

## HOW

- Analyse business models and implications on legal entity, costs, regulations, financial strategies, supporting NDI alignment
- Map potential legal entities, taking into account national and European legislation

## 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

- Examine options for a governance framework to oversee EOOSC operations and development
- Analyse regulatory/policy environments and assess impact of proposed structures and funding streams at national & European level

<https://www.eoscsecretariat.eu/working-groups/sustainability-working-group>

# Work Process of the Sustainability Working Group

DRAFT **Strawman** Document

• September 2019

Feedback integration

• Q3 2019

DRAFT **Tinman** Document

• End of 2019 / early 2020

Studies

• Q1 2020

Studies & feedback integration into DRAFT **Iron Lady**

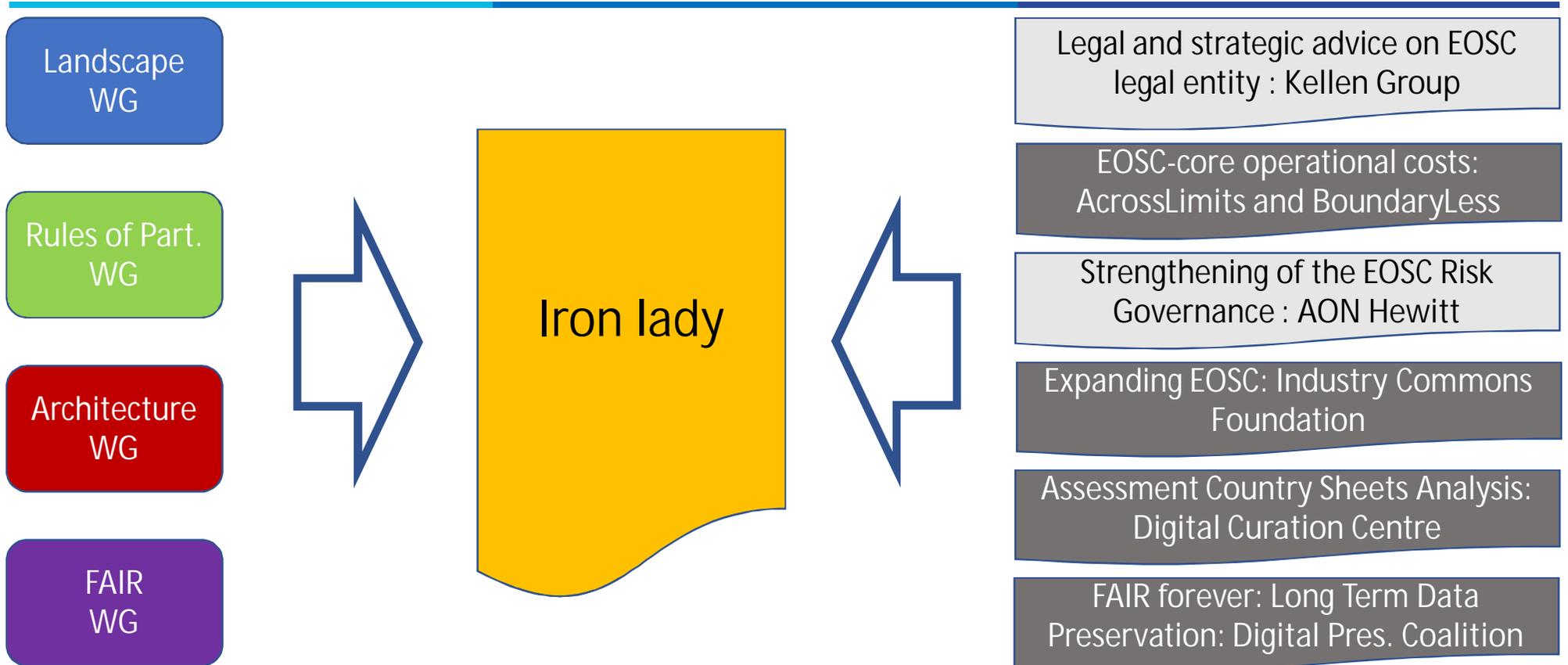
• Q2 2020

Final Results / Recommendations

• Q3 2020

The material presented today is based on the contents of the DRAFT Iron Lady (16 Sep 2020)

# WG synergies and contributions to the iron lady



# Solutions for a Sustainable EOSC

An Iron Lady report from the EOSC Sustainability Working Group

Draft 16 September 2020

Significant changes compared to tinman

Blue - done      Red – waiting for material

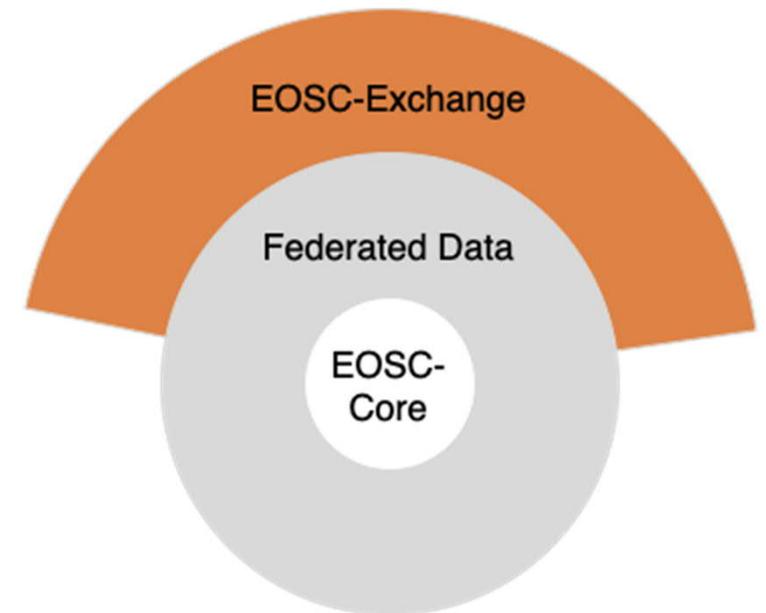
	1
<b>Members of the Sustainability Working Group</b>	3
<b>Foreword</b>	4
<b>Introduction</b>	5
<b>First Iteration - A Minimum Viable EOSC (MVE)</b>	8
EOSC-Core	9
EOSC-Exchange	11
Federated Data and Services	11
Long-term access to data	11
Connecting EOSC and EuroHPC	11
EOSC in a global setting	13
Funding model	13
Business Models	14
Training and Consultancy	15
MVE	16
Incentives for service providers and researchers	17
Incentives for innovation	18
Innovation Grants	20
Innovation Procurement Instruments	21
<b>Expanding EOSC: Engagement of the wider public sector and private sectors</b>	22
Public sector	23
Private sector	24
<b>Governance</b>	27
Risk Management	30
<b>Timelines</b>	32
<b>Recommendations</b>	33

11 Includes material from landscaping WG – more to come  
12 Add material from the DPC study 'FAIR forever'  
13 Expanded  
14 Expanded to include material from EOSC core  
15 operational costs study, EOSC-hub papers etc. more to come  
23 Add material from 'Expanding EOSC' study  
27 Revised by legal entity task force  
30 Add material from risk study  
32 Revised to match SRIA/partnership docs  
33 To be written using selected recommendations from studies

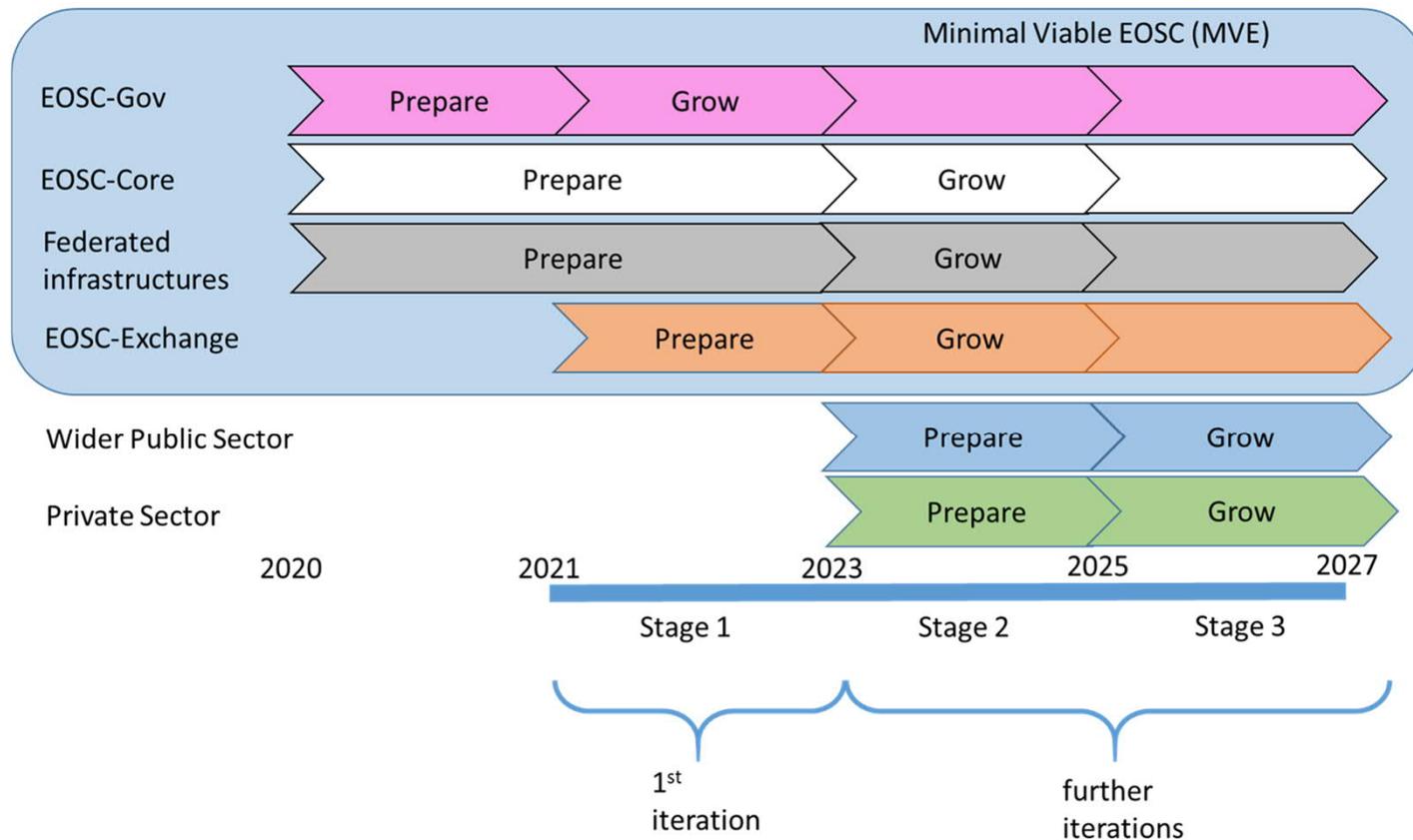
# First iteration – a Minimum Viable EOSC (MVE)

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- ★ Establish an initial MVE that will enable the federation of existing and planned research data infrastructures
- ★ Main focus and added value: connect disciplinary infrastructures and enable cross-disciplinary research
- ★ Federation of research data infrastructures into EOSC via the cluster and regional projects as a critical first step



# Timelines



# Added Value of EOSC for Research Infrastructures

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- Increase the impact of RIs by promoting re-use of research assets
- Facilitate cross-disciplinary research
- Offer cost savings for RIs and member states through a common approach and economies of scale
- Provide opportunities for RIs to engage with industry

# The big picture

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- 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
- Divergence across and within stakeholder groups about the benefits and costs of EOSC as well as the disruption it may cause to existing structures, decision making processes and funding models
  - EOSC must acknowledge that such tensions exist and work to reconcile them
- An iterative approach is needed to progressively build trust and resolve conflicts between the stakeholders while acknowledging that not all the solutions and answers are known today
- There must be an objective assessment of what has been achieved with each iteration
- 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