

Open Science in the EU

What's Next, Opportunities and Challenges and How You Can Engage

WILEY

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Andrew Tein

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In-Depth: EU Open Science Policy Platform (OSPP)

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Next Steps and Key Actions

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Next Steps and Key Actions

Open Science Policy Agenda

Drivers of Ecosystem Change

1. Economic pressure
 2. Technological innovation
 3. Research practice evolution
- 

Policy Priorities

1

Open Access

- Proliferation of government mandates worldwide; How will we serve institutions, authors, societies?
- Transition from policy development to policy implementation; Opportunity to build use cases and guide authors, institutions and funders.

2

Open Science

- Open Access is a given; Next frontier is Open Science. Need to engage and lead the conversation to support our partners.

3

Copyright Reform and Protection

- Developing tools/services that align with researcher needs
- Mitigating increasingly sophisticated global piracy

Fundamental Principles

Research stakeholders should advance sustainable open access and open science policies that:

1. Ensure flexibility aligned with needs of discipline communities.
2. Avoid imposing unnecessary burdens on researchers and institutions.
3. Enable continued public-private collaboration.

Brussels: Slow, Steady, Confusing

- **July 2012:** the Commission Recommendation on "Access to and preservation of scientific information" and the Communication "Towards better access to scientific information: boosting the benefits of public investments in research";
- **2013:** Horizon 2020 (2014-2020) general principles on OA and Open Data
- **February 2015:** " Validation of the results of the public consultation on Science 2.0: Science in Transition"
- **May 2015:** "A Digital Single Market Strategy for Europe", which acknowledges the importance of science and research to boost innovation
- **May 2016:** Competitiveness Council "Conclusions on the Transition Towards an Open Science System"



Open Science Policy Platform

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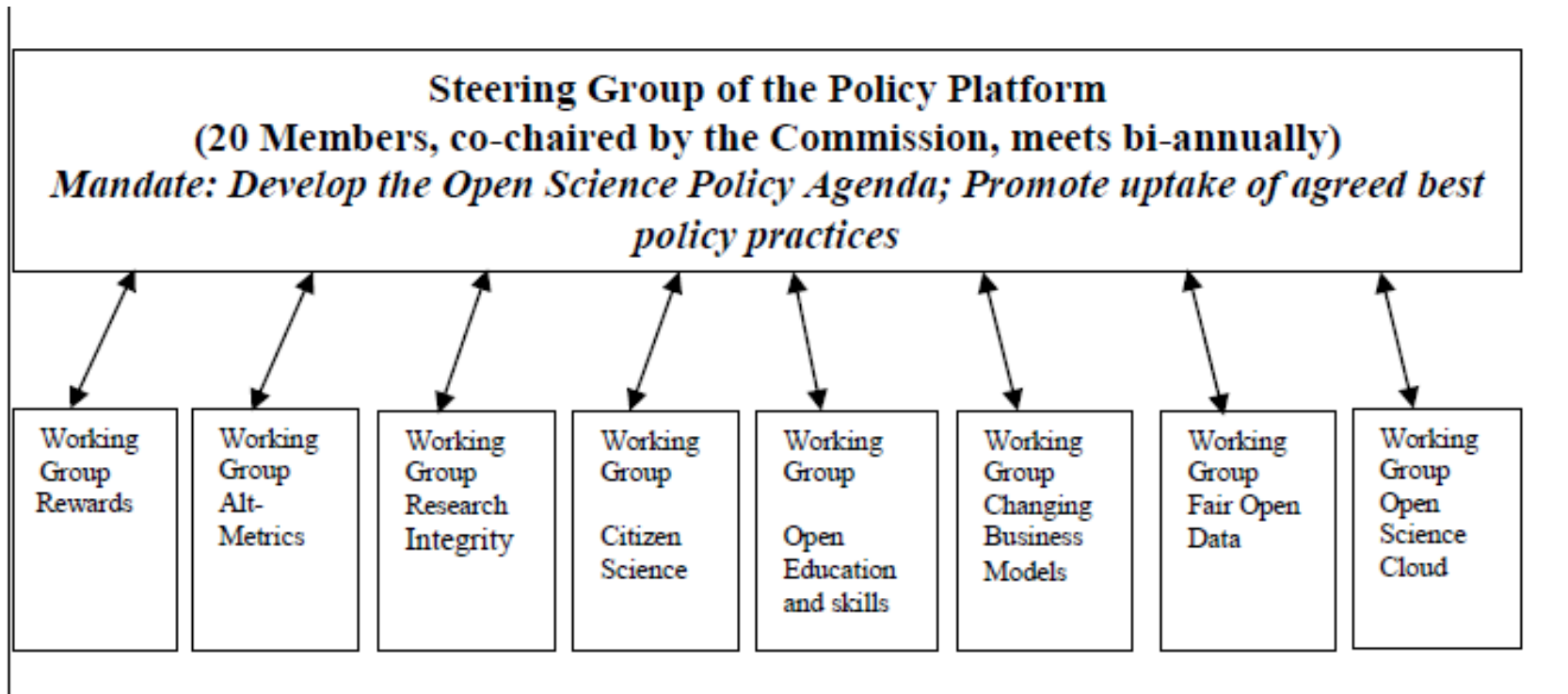
OSPP Mission

1. Advise commission on policy development and implementation
2. Serve as primary mechanism for stakeholder consultation
3. Support policy formulation
4. Support policy implementation
5. Provide advice and recommendations on any cross-cutting issues

OSPP Agenda

Policy Actions	Key Areas	Ambitions
<ul style="list-style-type: none"> • Fostering and creating incentives for Open Science • Removing barriers for Open Science • Mainstreaming and further promoting open access policies to research data and publications • Developing research infrastructures for Open Science • Embedding Open Science in society as a socio-economic driver 	1: FAIR open data	
	2: European Open Science Cloud	
	3: Altmetrics	
	4: New business models for scholarly communication	
	5: Rewards	
	6. research integrity	
	7. open science skills	
	8: Citizen Science	

OSPP Process



1. Digital Consultation
2. Working Groups
3. Steering Groups

OSPP Steering Committee

UNIVERSITIES

· Norbert Lossau

*European University Association (EUA),
Vice-President of the University of
Göttingen*

· Kurt Deketelaere

*League of European Research Universities
(LERU), Secretary-General*

· Karel Luyben

*The Conference of European Schools for
Advanced Engineering Education and
Research (CEASAR), President*

· Eva Méndez Rodríguez

*Young European Research Universities
Network (YERUN), Representative for
YERUN,*

*Deputy Vice-President for Strategy and
Digital Education of Universidad Carlos III
de*

*Madrid (institutional member of the
YERUN network)*

· Manuela Epure

*The Alliance of Central and East European
Universities (ACEU), Vice-President*

RESEARCH ORGANISATIONS

· Ernst Kristiansen

*European Association of Research and
Technology Organisations (EARTO),
Treasurer*

and Member of Executive Board

· Michela Bertero

*Alliance of 13 top research centres in life
sciences to support and strengthen
European*

*research excellence (EU-LIFE),
representative for EU-LIFE, high level
member and*

*Head of the International and Scientific
Affairs Unit of the EU-LIFE partner CRG
(Centre for Genomic Regulation,
Barcelona, Spain) and co-founder of EU-
LIFE*

· Michele Garfinkel

*The European Molecular Biology
Organization (EMBO), Manager of the
EMBO Science*

Policy Programme

· Tuija Hirvikoski

*European Network of Living Labs (ENoLL),
elected President*

ACADEMIES/LEARNED SOCIETIES

· Christophe Rossel

European Physical Society (EPS), President

· Wolfram Koch

*European Association for Chemical and
Molecular Sciences (EUCHEMS), Member
of*

Executive Board

· Michela Vignoli

*Young European Associated Researchers
Network (YEAR), Board Member*

· Sabina Leonelli

*Global Young Academy (GYA), elected
Member*

FUNDING ORGANISATIONS

· Matthias Kleiner

*Science Europe, Member of Governing
Board*

CITIZEN SCIENCE ORGANISATIONS

· Johannes Vogel

*European Citizen Science Association
(ECSA), Chair*

OSPP Steering Committee

PUBLISHERS

- Michael Mabe

International Association of Scientific, Technical and Medical Publishers (STM), Chief

Executive Officer

- Paul Peters

Open Access Scholarly Publishers Association (OASPA), President

OPEN SCIENCE PLATFORMS/INTERMEDIARIES

- Rebecca Lawrence

F1000, Managing Director

- John Wood

Research Data Alliance (RDA), Co-Chair of RDA and Chair of RDA Europe

- Steve Cotter

GÉANT, a pan-European collaboration on e-infrastructure and services for research and education, Chief Executive Officer

- Sergio Andreozzi

The EGI Foundation, an international collaboration that federates the digital capabilities, resources and expertise of national and international research communities in Europe and worldwide, Strategy & Policy Manager

- Natalia Manola

OpenAIRE, an open access infrastructure, Managing Director

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OPEN SCIENCE PLATFORMS/INTERMEDIARIES

- Jennifer Edmond

Digital Research Infrastructure for Arts and Humanities (DARIAH), representative for

DARIAH, Member of the DARIAH-IE steering committee

- Jan van den Biesen

Business Europe, representative for Business Europe, Member of the Research and

Technological Innovation Working Group of Business Europe

LIBRARIES

- Kristiina Hormia Poutanen

Association of European Research Libraries (LIBER), President

OSPP Policy Ambitions

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	2: European Open Science Cloud	All European researchers are able to deposit, access and analyse European scientific data through the European Open Science Cloud, without leaving their desk
	3: Altmetrics	Funders and stakeholders have taken a common position on alternative metrics to replace/complement the Journal Impact Factor and citation counts
	4: New business models for scholarly communication	All peer reviewed scientific publications are freely accessible (new business models for scholarly communication)
	5: Rewards	Evaluation of research careers fully acknowledges Open Science activities (rewards)
	6. research integrity	All publicly funded research in the EU adheres to commonly agreed Open Science standards of research integrity
	7. open science skills	All researchers in Europe have the necessary open science skills and support to apply Open Science research routines and practices
	8: Citizen Science	Citizen scientists will make a significant contribution and be recognised as a valid knowledge producer of European Science

OSPP Opportunities and Challenges

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Implications

- EU FP9 (next Horizon 2020)
- Member State Initiatives
- Global

What Can You Do

Engage and Lead

- Take stock of your communities—how are you contributing so far and how you want to contribute
- Be Present digitally and in-person: ALPSP and STM

Questions?

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