

Open Access - Seeking balance

Summary of Day One

- Eva Hnátková, Eurodoc President
- KRECon 2019
- NTK in Prague
- 7-8 November 2019



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The European Council of Doctoral
Candidates and Junior Researchers

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Eurodoc = early-career researchers



[O'Neill & Krūmiņa \(2018\)](#)

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The European Council of Doctoral
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- non-profit organisation
- based in Brussels (2002)
- 28 national associations
- funded by member fees
- supported by volunteers
- develop & inform policy
- run workgroups & events

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Open Science

OPEN ACCESS Green Route Publishing Gold Route Publishing	OPEN DATA Findable Accessible Interoperable Reusable	OPEN EDUCATION Student materials Teacher materials
CITIZEN SCIENCE Citizen Engagement Science Communication	OPEN SCIENCE	OPEN EVALUATION Open Peer Review Alternate Metrics
OPEN SOURCE Open Hardware Open Software	OPEN METHODOLOGY Preregistration Open Notebook	OPEN LICENSING Attribution Share-Alike Commercial Derivative



[Masuzzo & Martens \(2017\) | FOSTER Taxonomy of Open Science](#)

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Open access

OPEN  **ACCESS**

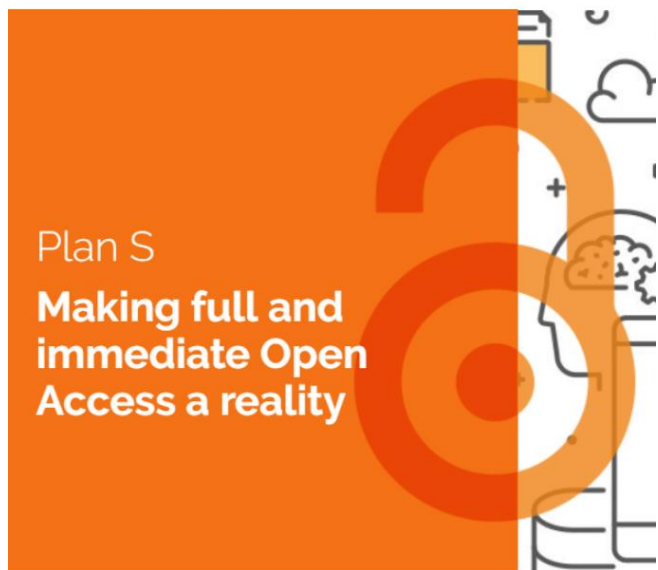


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Open Access via Plan S



- Plan S = cOAlition S
- national funders
- science publications
- all in Open Access
- full and immediate
- 10 core principles
- by 01 January 2021



[Plan S](#)

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Negotiations

National Library of Sweden



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Czech Landscape

- National Strategy 2017-2020 → requires OA
- Action Plan for implementation (Apr 2019)
- Open/FAIR data policy
- Reviewing Research Assessment
(external influence → governments, funders, competitive environment)
- Transfer the current publishing system
subscription-based → to gold open access



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Train, support, & reward Open Science

Impact Outlook

- 'Open Science will be the new way of conducting research by opening up access to research data and results via new digital technologies and collaborative tools'
- 'A main question for us is to what extent will early-career researchers need to be trained for these practices and what is the role of early career researchers in the shift to Open Science?'

Open science for early-career researchers

Garath O'Neill, President, and Eva Hnátková, General Board Member/Coordinator WG Doctoral Candidates and Junior Researchers (PDR)

Over past generations, in order to remain Europe's position as a global research hub, it is essential to support and foster open access as an access and research?

GD: The implementation of Open Science is fundamental to the New Vision for Europe proposed by the European Commission (EC). Open Science will be the new way of conducting research by opening up access to research data and results via new digital technologies and collaborative tools. Open Science is actually just one policy initiative of a broader strategy to fundamentally open up research and innovation in Europe. Open Science will bring new actors into the innovation process, creating new products, methods and entrepreneurship. Open is what will develop innovative inter-organizational and science delivering as well as address cross-national issues. These initiatives together will indeed position Europe as a global and innovative research hub. Opening up access to research is important for all researchers who rely on the research data and results from other researchers to continue new developments and innovations and build upon previous research. This is especially true for students, institutions to finance advanced research, which may not be able to afford the often high costs for access to research through commercial publishers.

What are the goals of Europe, in relation to Open Science and the role it plays? With Eureka, Horizon, Europe's Digital Strategy and Open Science and what are they really looking for?

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Context details

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What does research mean to you? In the European Framework for Research Career Skills Training, however, it is not enough. As Europe's, these skills need to be complemented by research training, management, planning and support for Open Science and EC's.

How does Europe contribute to the debate on Open Science? The European Commission supports specifically the Open Science and Open Data.

GD: Open Science is one of Europe's strategic priorities. The concept of Open Science is new and we will contribute to the development and implementation of Open Science from the perspective of EC's. We naturally do this in collaboration with our main partners such as the Directorate General for Research and Innovation of the EC, the European University Association, and Science Europe. We also follow Open Science initiatives by taking part in advisory boards such as for the FP7ETD Plus project, which aims to develop additional and to highlight specific training materials for Open Science. We further organize conferences and workshops for EC's on Open Science - indeed, the next European Conference on Open Science will be organized and supported at all levels by the EC, national governments, academic institutions and the research community.

EC: Open Science consists of a mix of different practices and associated aspects that EC's can and should be trained in all of these practices. These associated skills draw on their previous and general knowledge of Open Science and specific knowledge of research and research management, research management and FAIR (Findable, Accessible, Interoperable, Reusable) Open Data, the use of Open Science publishing, research management and training, and Citizen Science. Such skills training should be flexible within an optional Open Science skills course that is embedded in the professional training programme of EC's. These courses should furthermore be tied to actual Open Science practice whereby EC's are seen by training and being by doing. At a European level, skills training for Open Science should also be embedded in the European

O'Neill & Hnátková (2018)



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