



Contribution ID: 166

Type: **Presentation**

## European Open Science Cloud: A single European market for research data and services

*Tuesday 26 January 2021 13:30 (20 minutes)*

Building an open and trusted environment for accessing and managing research data and related services, the European Open Science Cloud (EOSC) will transform how researchers access and share data and give Europe a global lead in research data management.

The EOSC will federate existing scientific data infrastructures across disciplines and the EU Member States. Supporting the EU's Open Science policy and European Data Strategy, EOSC will help European scientists reap the full benefits of data-driven science and give Europe a global lead in research data management.

Key features of EOSC will be its smooth access to data and interoperable services and its trusted digital platform that addresses the whole research data cycle, from discovery, mining, storage, management, analysis and re-use.

With open and seamless services for storage, management, analysis and re-use of research data across borders and scientific disciplines, EOSC aims to create a virtual environment for 1.7 million European researchers and 70 million professionals in science, technology, the humanities and social sciences.

Seeking to make digital assets findable, accessible, interoperable and reusable (FAIR), EOSC will tackle societal challenges including early diagnosis of major diseases and climate change.

### Speaker's Bio

Bob Jones is a director of the recently formed EOSC Association: <https://www.eosc.eu/>  
He is a senior member of the scientific staff at CERN (<http://www.cern.ch>) and was the coordinator for the award winning Helix Nebula Science Cloud Pre-Commercial Procurement project (<http://www.hnscicloud.eu/>) procuring innovative cloud services for the European research community and contributing to the EOSC. His experience in the distributed computing arena includes mandates as the technical director and then project director of the EGEE projects (2004-2010) which led to the creation of EGI (<http://www.egi.eu/>).

Publications: <http://orcid.org/0000-0001-9092-4589>

Twitter: @BobJonesAtCERN

**Primary author:** JONES, Bob (CERN)

**Presenter:** JONES, Bob (CERN)

**Session Classification:** EOSC & Federations: Future research infrastructures

**Track Classification:** Main session: Future research with European Open Science Cloud