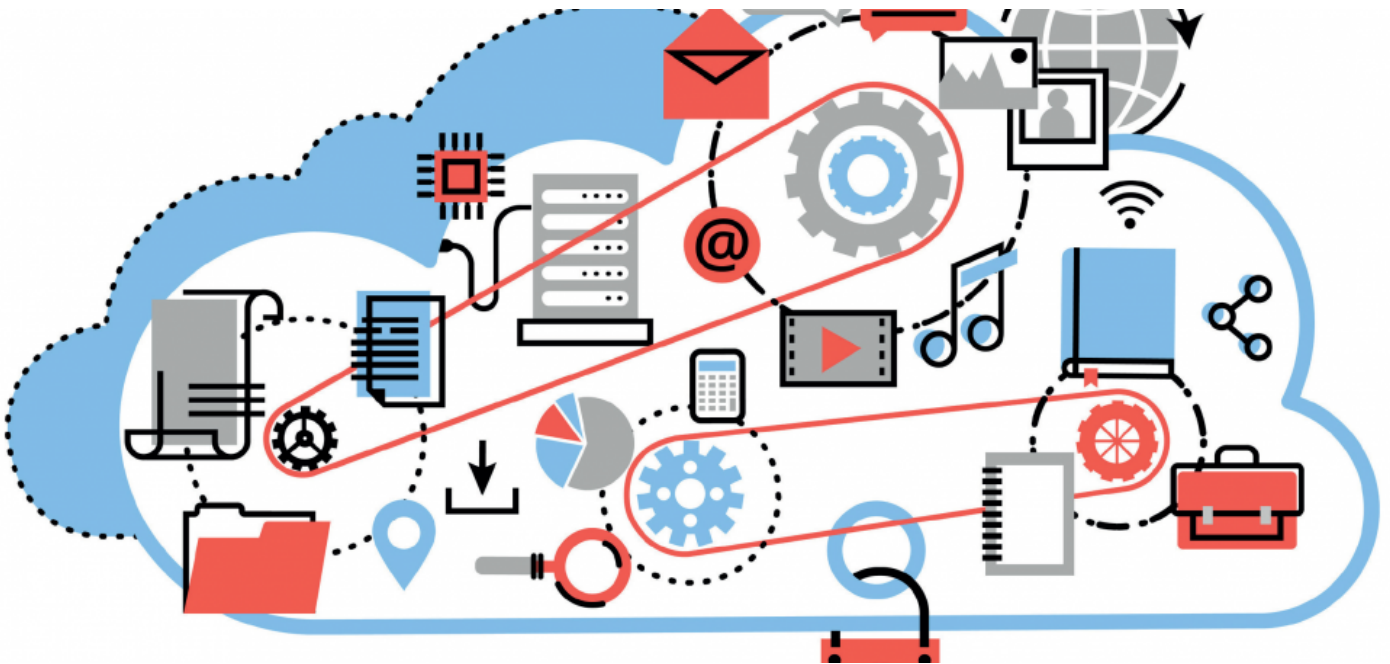


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# Network report: How the science cloud can go global – Science | Business

🕒 4 days ago



Flying in the face of deglobalisation, Europe's [new science cloud](#) will be open to the world. Recognising the value of harnessing global resources to combat climate change and other global challenges, the architects of the European Open Science Cloud (EOSC) are seeking to ensure it will dovetail with similar initiatives elsewhere.

If it is to become part of a vibrant global research ecosystem, the EOSC will need to allay concerns related to national security, privacy and confidentiality, commercial sensitivity and intellectual property rights, as well as worries about other countries freeriding on national research infrastructures. In some parts of the world, national pride may also be a barrier, as both the political and scientific establishments resist the notion that they depend on support from foreign scientists and research infrastructure.

A new report published by Science | Business makes a series of recommendations as to how the international scientific community can counter the zeitgeist of protectionism and technological competition between regions. In



Making digital assets findable, accessible, interoperable and reusable (FAIR) requires time and resources, so this approach needs to be adopted across the advanced economies, including China, to ensure no one region is at a competitive disadvantage. At the same time, different countries and regions could work together to connect their data discovery systems together, as Australia and South Korea are doing.

The new paper also highlights the need for an international governance framework for digital objects, such as data and software, that would help to build support for (and trust in) the principle of reciprocity. However, it contends there is no immediate need for a tribunal or formal dispute resolution process, akin to the World Trade Organisation. In the case of disagreements, it would be quicker and more constructive for scientists from different regions to engage with each other directly and negotiate a way forward.

### [Download the report](#)

The new Science | Business report is the product of meetings of the Cloud Consultation Group, a gathering of members of the Science | Business university-industry network with a special interest in the science cloud. They include experts from CERN, Elsevier, GÉANT, Microsoft and others. While drawing on the members' expertise, the resultant paper is ultimately a statement of Science | Business and does not necessarily reflect the views of individual members.

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