EVA MÉNDEZ (@evamen) comments to Commissioner Moedas speech on European Open Science Cloud (EOSC) Summit

I'm going to start saying to you, Commissioner: **Congratulations!!!**
It has been almost two years, when, in this building, on June 22, 2015 you said:

> *… **we are preparing a call for European Science Cloud Project in order to identify the possibility of creating a cloud for our scientists**. We need more open access to research results and the underlying data. Open access publication is already a requirement under Horizon 2020, but we now need to look seriously at open data.*

Congratulations, because we really are looking seriously at open research data!!!

And when I said "**WE**" I am thinking globally in 3 main senses:

1. **All the implied stakeholders**: funders, performing research organizations, policy makers, research infrastructures and scientists, including Early Career researchers.

2. **From all the disciplines:** I agree with you that interdisciplinarity and open data are crucial for the progress of science. You said that the "most exciting research is interdisciplinary"… I will go further, I do not believe any research project in XXI century that it is not interdisciplinary.

3. **All over the world**: other countries and regions, are now looking at Open Research Data Clouds (Australia, South Africa, China)… this let us thinking in a global data-driven science: very inspiring and very promising… but this perspective makes urgent a proper European data mining industry, where the EOSC is the main accomplice.

➔ Open Science is a reality, due to technical and policy advances. But if **research data cannot be found, accessed, integrated and re-used,** the goals of Open Science will remain aspirations beyond the practical reach of many.

➔ We do not only need data, but OPEN data and FAIR data. But FAIR principles (Findable Accessible Interoperable and Reusable) are principles, not standards. We need also **STANDARDS**, in order to substantially increase the useful value of open scientific data across research disciplines by addressing a range of **fundamental and urgent issues** around interdisciplinary data management, in order to overcome fragmentation (geographical) but also the disciplinary fragmentation (vertical approaches disciplinary oriented). The web of Tim Berners Lee that you mentioned and we all use and embrace is THE WEB, because of STANDARS…

➔ I have seen many times EOSC as a *Giant with clay feet*… ➔ EOSC is still **very intangible** for many researchers…

➔ You mention the "Enlightened" Age… we need to avoid what I call the *Enlightened Despotism* of Sciences: "all for the researcher, but without the researchers". We need to listen to all the researchers, including those dealing with the long tail of sciences, including the young researchers, dealing with the difficulties of making an academic career based on publishing.

➔ To use the EOSC by all researcher "in one single click", as you said: **THE BY DEFAULT** useful and trustable infrastructure for European research outcomes…, we need to apply to the Cloud what you know that I like to call: *"the whatsapp effect"*: that means to make the cloud:
- Terribly useful
- Terribly easy
- And terribly effective
- … and also keep it cheap/affordable for the researcher.

Let's make the EOSC, the infrastructure "by seduction"!!!

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