

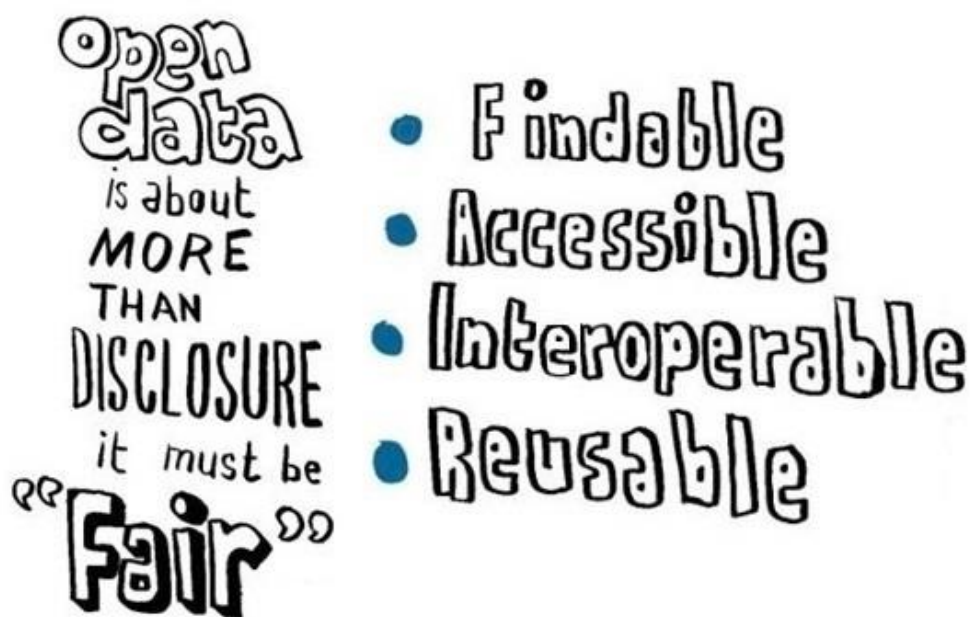
On community-standards, data curation and scholarly communication

Even when datasets are publicly available, published results are often not reusable due to incomplete description of the experimental details. A growing worldwide movement for reproducible research encourages making data, along with the experimental details, available according to the [FAIR principles](#). Several data management, sharing policies and plans have emerged and, in parallel, a growing number of community-based groups are developing hundreds of standards to harmonize the reporting of different experiments, so that these can be Findable, Accessible, Interoperable and Reusable. In one word FAIR. Community mobilization is evident also by the number of efforts and alliances, but also data journals and data centres being launched. I will paint this dynamic landscape, highlighting what my team does, touching on ELIXIR-UK related activities, such as [BioSharing](#) and the Springer Nature's [Scientific Data journal](#).

SCIENTIFIC DATA

The FAIR Guiding Principles for scientific data management and stewardship

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