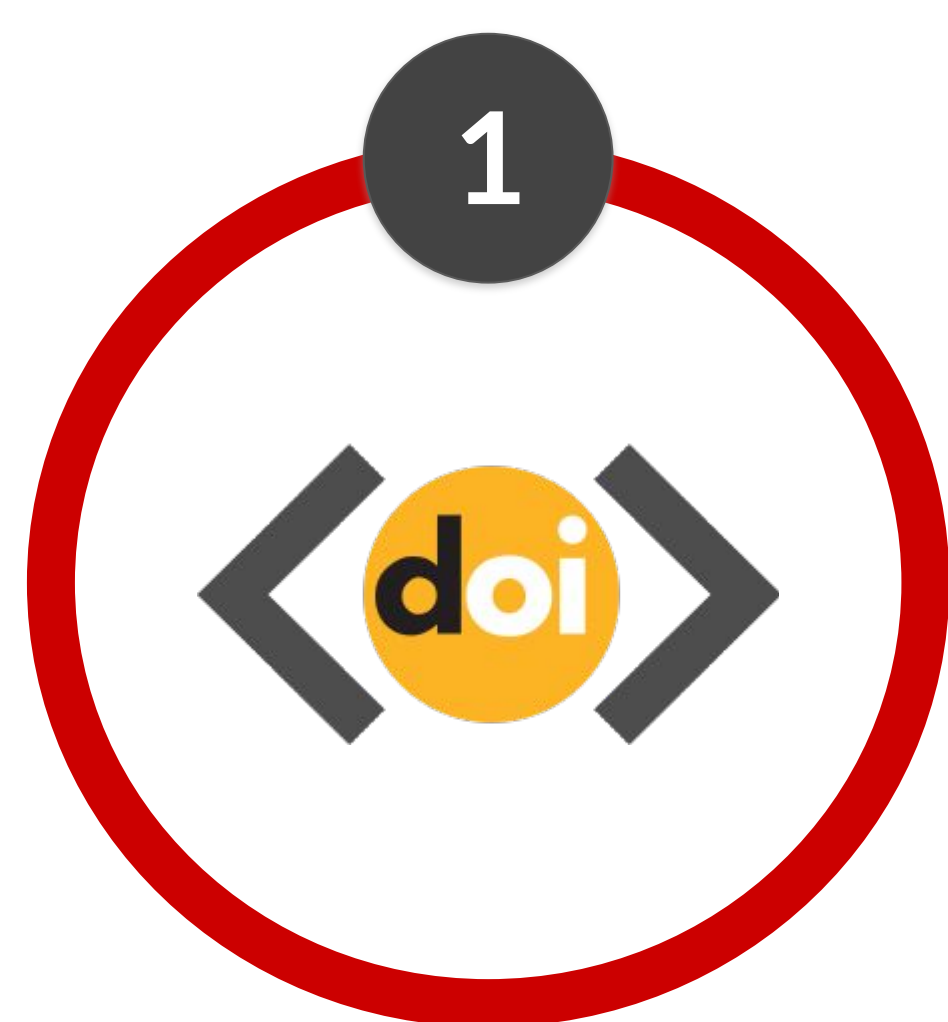


It takes two (PIDs) to tango: first steps in developing data and scholarly inter-citation

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Set a frame: a dataset, a DOI

First, automatically add a **DOI** to each Nesstar legacy dataset.

Next, publish datasets to Sciences Po **Dataverse** repository including supplementary documentation files.

Tools: ad-hoc Python scripts, Datacite API, Dataverse API



First steps: ORCID & datasets

Enrich new and already published **metadata with ORCID ids** both for data contributors and for related publications' authors.

Tools: ad-hoc Python scripts & Javascript add-on for Dataverse



Data & papers inter-citation

Make **ORCID** a **pivot** on which develop data and publication cross citations.

Introduce ORCID in Sciences Po's research directory and use it in Sciences Po's open publication repository.



Going further

Leveraging ORCID & DOI to frame an **effective research ecosystem**.

Increasing research **data discoverability**.

Facilitating research **data reuse** by enforcing research data visibility.

Opting out of a siloed research data and publications information system.

Giving **credit** to research data **contributors**.

Every effort that is made for **research data** is transposable to **software**.

A challenging scientific data landscape

In 2019, Social Sciences and Humanities data centers' activities in France are assessed on the sole basis of publications citing a dataset. Data sharing metrics are not taken into account as a standalone indicator.

In July 2018, the French Ministry for Education and Research launched a National Plan for Open Science; this plan prescribes the development of "subject-based and discipline-specific data repositories", while "making open access dissemination mandatory for research data resulting from government-funded projects".

The CDSP is the data and method center of Sciences Po and CNRS (French National center for scientific research). It is as well a partner of **Progedo**, the French **CESSDA** service provider.

The CDSP has an IT team specialised in information systems dedicated to the production, curation and publishing of SSH data.

Data repositories at the CDSP of Sciences Po

The CDSP has been managing a Nesstar repository, dedicated to social sciences data, since 2006.

Each dataset is associated with fine-grained descriptive metadata, that follow a strict DDI codebook standard schema (maintained by the DDI Alliance). The repository provides an OAI-PMH standard handle, and is harvestable.

Accessible and Re-usable data soon to be more Findable and Interoperable

We are currently working on the improvement of the visibility of our data to increase data discoverability and foster its re-utilisation.

Datasets in Nesstar come with a complete and standardised documentation and are citable, and we are now adding **persistent identifiers** to each dataset.

The CDSP is currently transitioning from Nesstar to Dataverse.

The CDSP manages the project of the institutional research data repository for Sciences Po, and is technical referent for the national SSH repository for Progedo.