



# **WP1/MGT: Data Management (and don't forget GDPR)**

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### Deliverable

- D1.1 (Task 3, mo 4): Data Management Plan  
A more elaborate version of the draft Data Management Plan included in the proposal will be created. This plan will describes the data management life cycle for the data to be collected, processed and/or generated by IS- ENES3. It will include information on how to make IS-ENES3 research data findable, accessible, interoperable and re-usable (FAIR), as asked to the participants of the Pilot on Open Research Data in Horizon 2020 (UREAD- NCAS).



- The three objectives of IS-ENES3, characterized as 1) community integration, 2) software and HPC, and 3) facilitating exploitation of data will yield software and documents
- At the core of typical data management plans are the “FAIR” principles (findable, accessible, interoperable and reusable) applied to output from experiments, measurements, observations resulting from fieldwork, survey results, interview recordings and images, focusing on research data that is available in digital form.
- This is not a good fit for IS-ENES3, so we will produce a different plan!



- The IS-ENES3 Data Management Plan will be primarily orientated towards describing the standards, conventions, documentation and tools, being developed and deployed, and how IS-ENES3 itself is delivering the mechanism by which the data producers can deliver on the FAIR principles for their data.
  - We will have some of our own data (e.g. from surveys, benchmarking, CPMIP etc) so we will need to cover that too, but the bulk of the data we will handle belongs to someone else!



We have draft recommendations on

### 1. Climate Data in ESGF

- Require producer conformance to conventions and clear statements of our long-term responsibilities (if any) for data we hold for others.

### 2. Testing and Systems Data (e.g. ESGF dashboard data).

- Need WPL to keep a list of such data, and we will need plans for each item.

### 3. Qualitative Data (e.g. NA2 surveys etc).

- Need WPL to keep a list of such data, and we will need plans for each item.



### Next Steps

1. Establishing a project-level register of expectations around both data collection, and data handing on a task by task basis (this will need to be updated as each task starts, since not all tasks start within the first six months of the project).
2. Ensuring that each of the datasets exposed by this register are handled within an expanded and more detailed set of DMP guidelines (draft by Easter).
3. Establishing the public project data registry on the project website (not to include ESGF datasets and documentation, which are discoverable via ESGF itself).



### Next Steps

**Expect first WPL telco to outline requirements on WPL to gather information for first draft DMP.**

**Expect second or third monthly WPL to see a formal draft for approval.**

**Expect us to review it quarterly to pick up tasks as they start.**