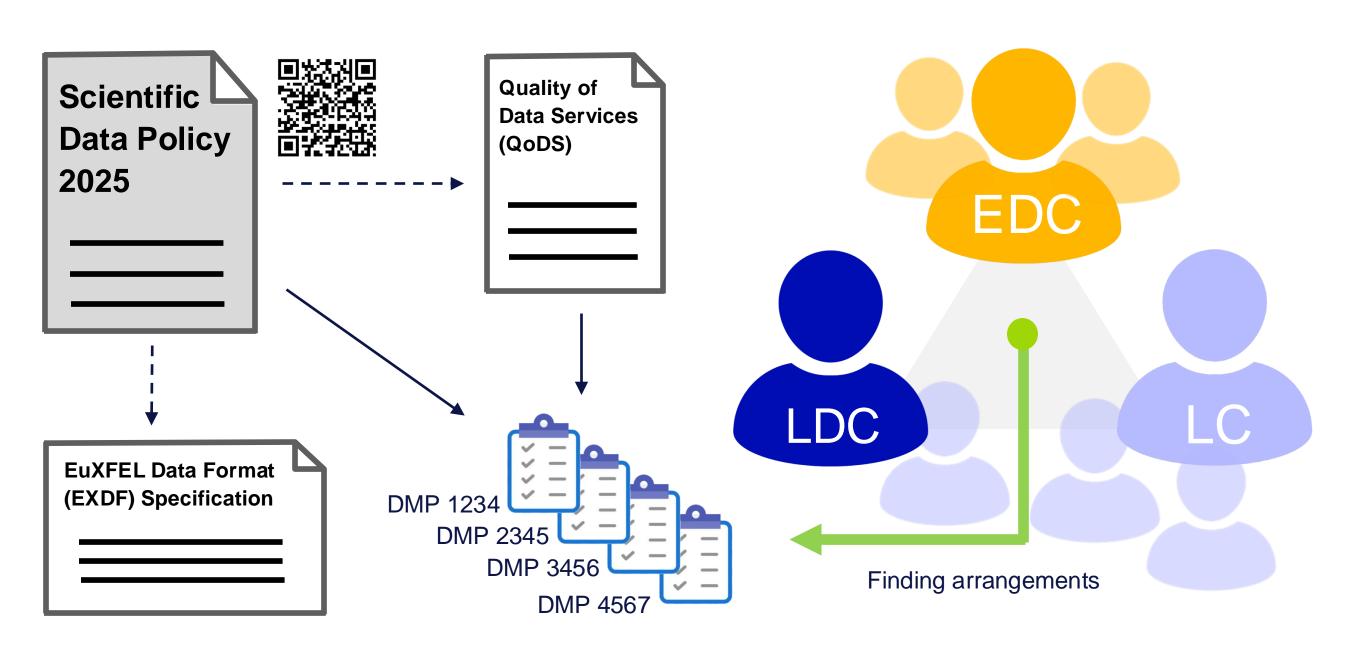
Data Management Plans at European XFEL: first experience and outlook



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DMPs formulate agreements between the experiment team, represented by the experiment data contact (EDC) and the facility staff, represented by the local data contact (LDC) and local (instrument) contact (LC).

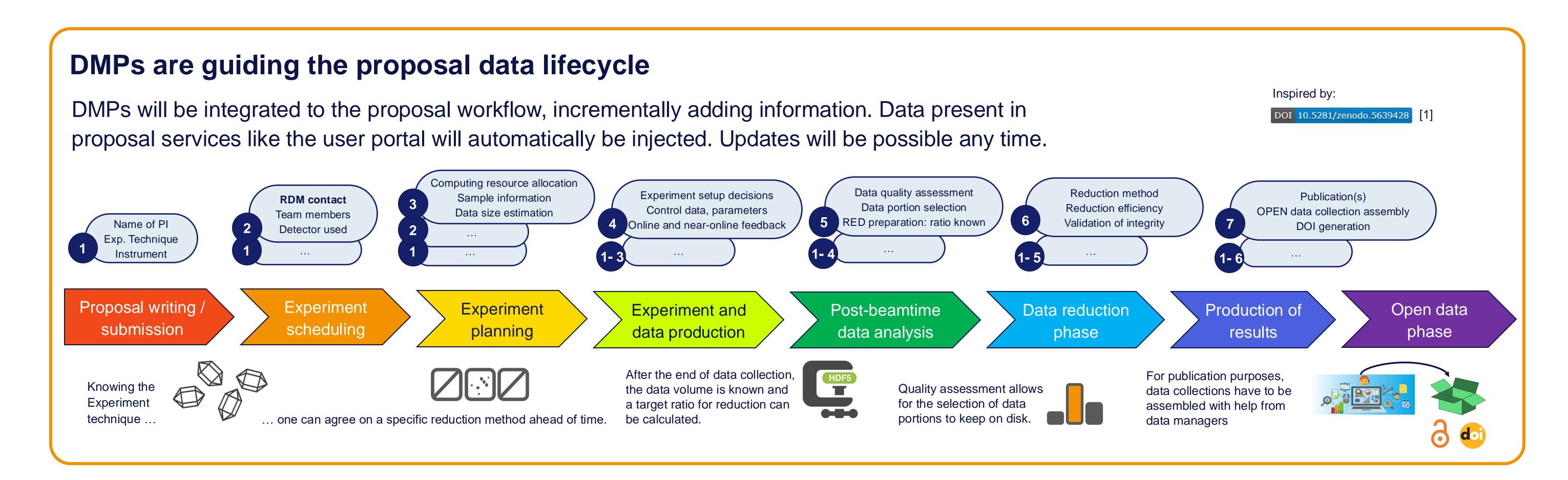
See also:

- F. Dall'Antonia et al. The new Scientific Data Policy of the European XFEL. Poster #
- L. Maia et al. Proposal Lifecycle Services at the European XFEL. Poster #
- J. Malka et al. Data Management Infrastructure for European XFEL. Poster #

Features and purposes

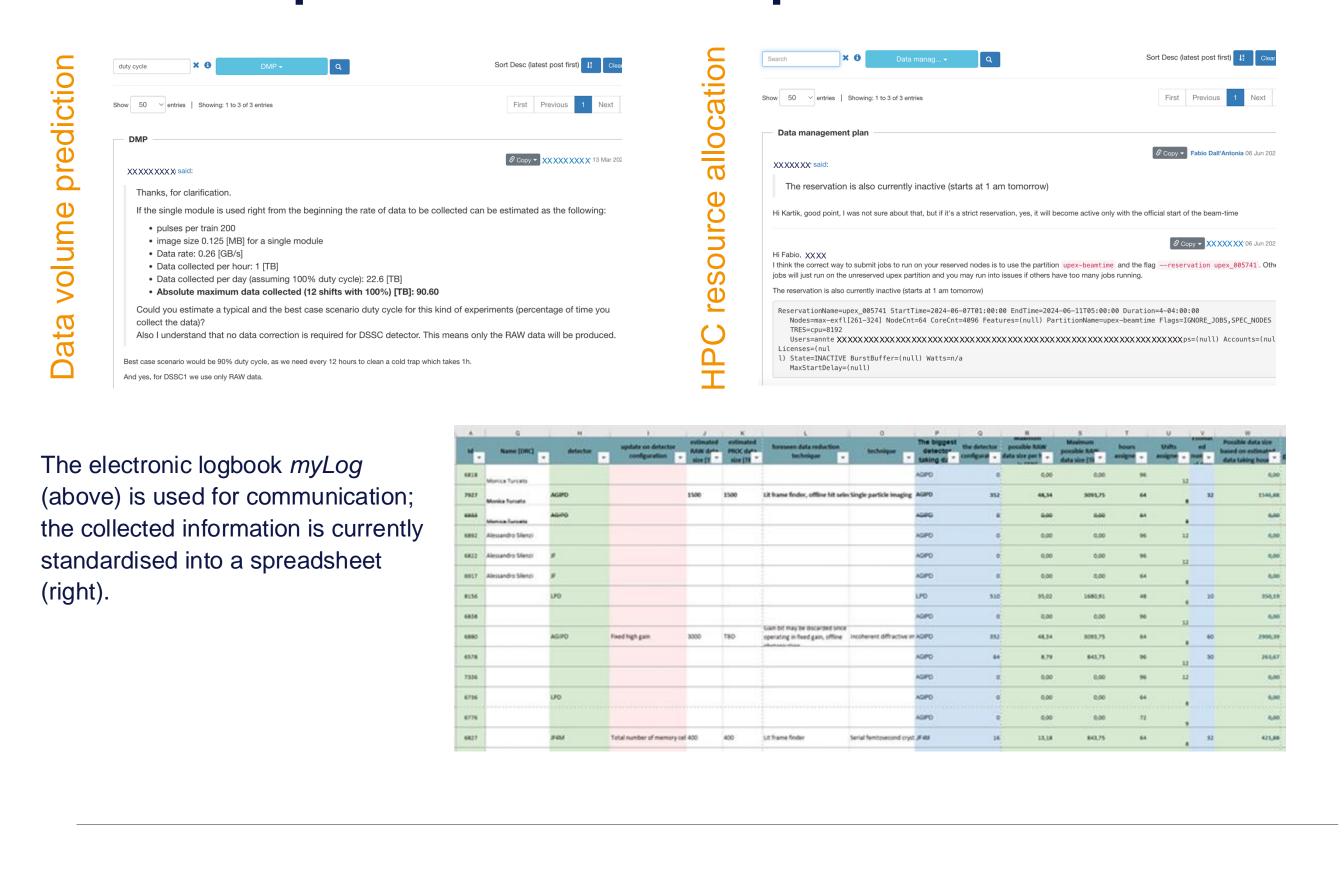
Data Management Plans (DMPs) [1] are a key instrument for the application of FAIR data practice [2] as anchored in the new Scientific Data Policy of the European XFEL and aim at:

- Optimising the beamtime planning, operation and data management through structured communication;
- Realising *specific* as well as *dynamic* workflows for each proposal by alignment of EuXFEL services to the individual needs of experiments;
- Providing documentation and reference for purposes such as future proposal submissions, experiment planning and (open) data-reuse.

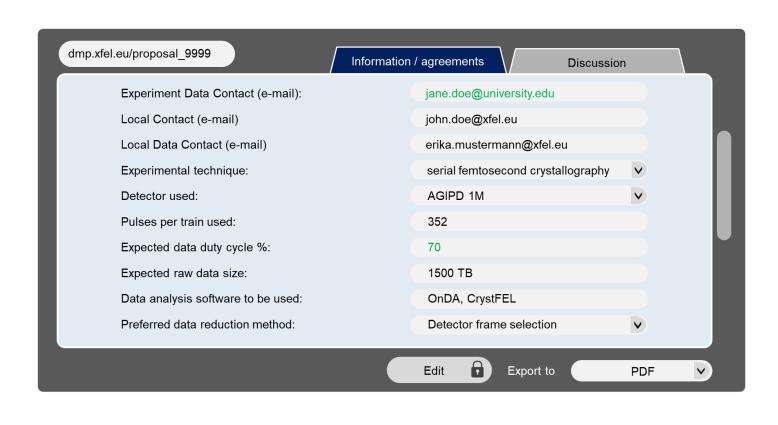






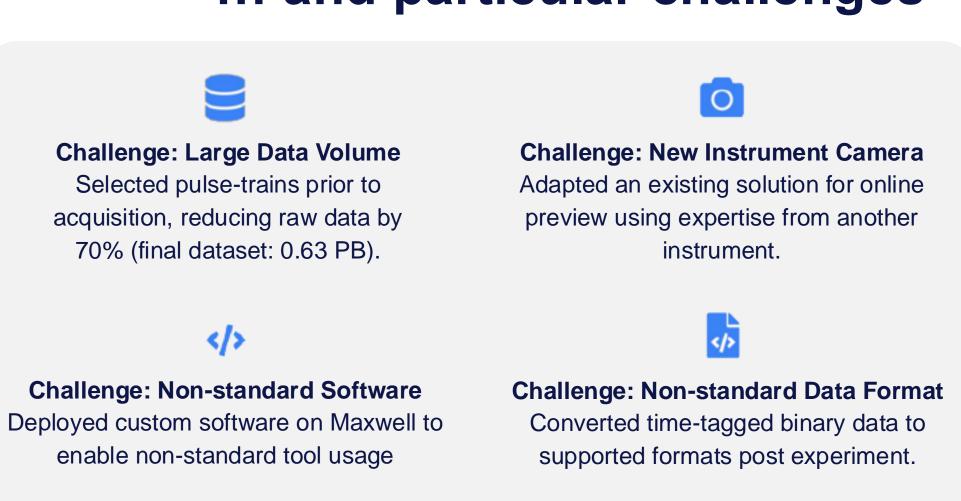


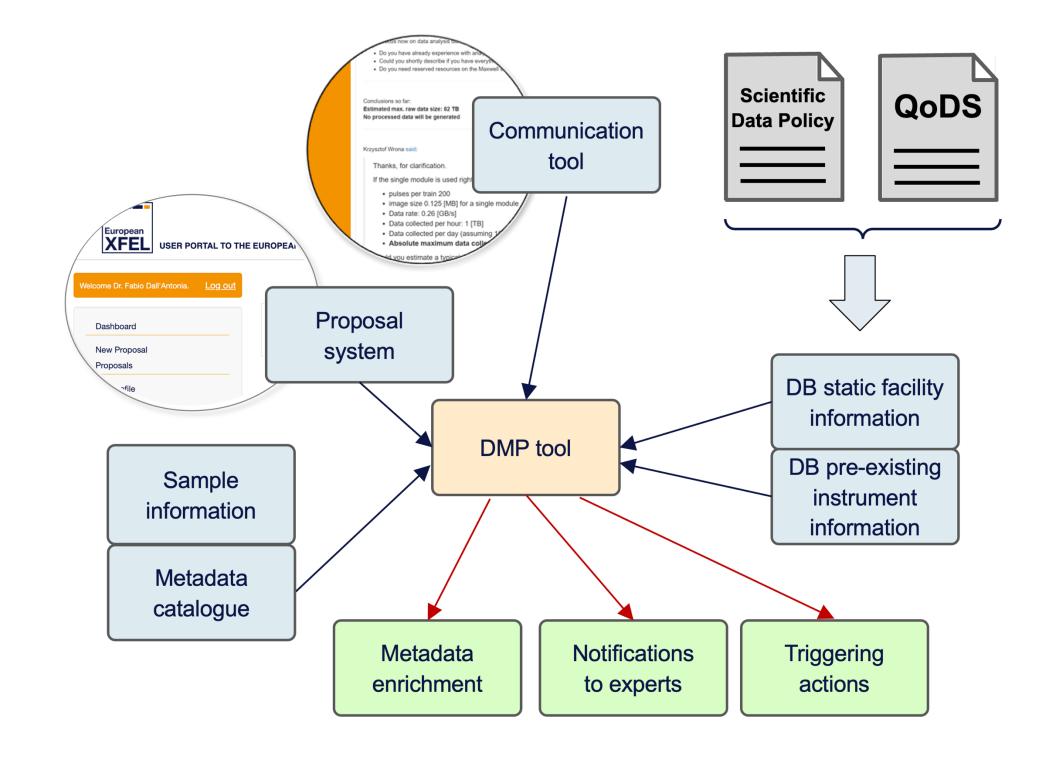




- DMP as a service
- Full integration of existing systems
- Automated workflows
- Dedicated interface

... and particular challenges





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