

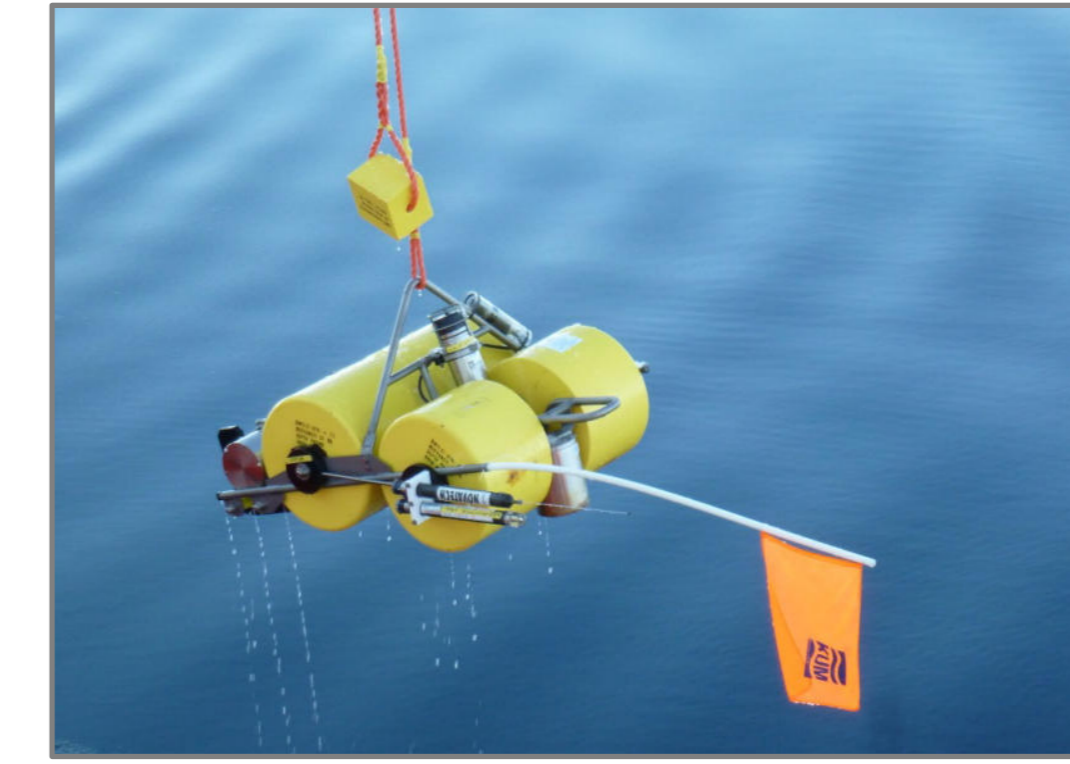
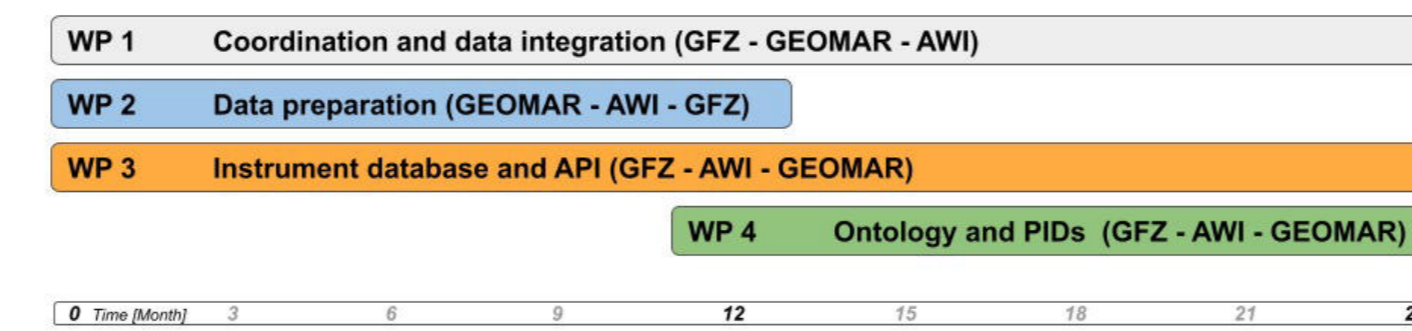
enhancing FAIRness in seismological data management

Partners: GFZ, AWI, GEOMAR (and other international links within FDSN, ORFEUS, EPOS/EMSO, RDA, EOSC)

People: A. Strollo, L. Hillmann, J. Quinteros, A. Heinloo, S. Hemmleb, C. Haberland, M. Haxter, M. Schmidt-Aursch, Louis Ulmer, H. Kopp, D. Lange, A. Dannowski.

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Contact: strollo@gfz-potsdam.de



Objectives

- automate the integration of instrument PIDs in the standard metadata generation workflow;
- adoption of standard and interoperable vocabularies in the DOI and EPIC Identifiers metadata;
- develop tailored metadata consistency/quality checks;
- achieve full integration of OBS data sets in the routine seismological data management workflow for long term archival;
- foster adoption and usage of these fully FAIR data management policies within the community to enable data provenance from the derived products to the instrument producing the initial bit of data and vice versa.

Interaction/support within HMC

- Support for interoperability: dictionaries and ontology;
- Usage of Helmholtz federated services: AAI, Storage, PIDs;
- Support for DMP tools and repository certifications;
- Bottom-up approach, community driven in synergy with Institutional, National, European and Global initiatives.

Ongoing activities

- Data and metadata preparation and validation;
- Evaluation of various sensor libraries and formats import/export;
- Testing the usage of OBSinfo tools (developed by IPGP).

