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## re3data COREF – Enhancing the re3data service as a community-driven and trustworthy resource for research data repositories and portals

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re3data is the global registry for research data repositories. As of January 2021, the service lists over 2620 digital repositories across all scientific disciplines and provides an extensive description of repositories based on a detailed metadata schema (<https://doi.org/10.2312/re3.008>). A variety of funders, publishers, and scientific organizations around the world refer to re3data within their guidelines and policies, recommending the service to researchers looking for appropriate repositories for storage and discovery of research data. With over 750 entries the field of geosciences is one of the most strongly represented subject groups in the registry.

The re3data COREF project (Community Driven Open Reference for Research Data Repositories) started in January 2020 and receives funding from the German Research Foundation (DFG) for 36 months. With its main focus on the current project the presentation will outline the further professionalization of re3data and the provision of reliable and individualizable descriptions of research data repositories. This includes updates and revisions of the metadata schema, the advancement of the technical infrastructure as well as an enhanced overall (technical) service model concept to embed and connect the service within the research data landscape as a community-driven source and reference for trustworthy repositories.

In addition, outcomes from the first re3data COREF stakeholder survey and workshop held in November 2020 will be presented, introducing diverse use cases of the re3data service and examples for the reuse of its metadata. The presentation will address how re3data currently interlinks with external parties and how more advanced options for easier and trustworthy integration of third-party information can be facilitated.