

Task 6.2.1: Maintaining STORE and radioecological databases

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Data sharing in Horizon 2020



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Fact sheet: Open Access in Horizon 2020

What is open access?

Open access can be defined as **the practice of providing on-line access to scientific information that is free of charge to the end-user**. In the context of R&D, 'scientific information' can refer to peer-reviewed scientific research articles (published in academic journals) and also to scientific research data (data underlying publications, curated data and/or raw data). Open access is not a requirement to publish, as researchers are free

Data sharing in Horizon 2020

Horizon 2020 programme will pilot requirements for data management plans and public release of primary data for a cohort of new projects, with the stated aim of requiring public deposition of primary data across the whole programme

Where will this data be deposited?

- Currently large public databases are available for few data types:

o How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.

o How will this data be curated and preserved?

- Dryad
- Figshare



B. Grosche, CONCERT Kick-off, June 2014

| Verantwortung für Mensch und Umwelt | ■ ■ ■ ■ ■ ■ ■



Proposal submission and evaluation

use? If data cannot be made available, explain why.

o How will this data be curated and preserved?

The described policy should reflect the current state of consortium agreements regarding data management and be consistent with those referring to exploitation and protection of results. Please refer to the proposal Template B for structure and additional instructions.

The data management section can be considered also as a checklist for the future and as a reference for the resource and budget allocations related to data management.

Background

- Original STORE project: Apr 2009 - Nov 2012
- Task 4.8 within DoReMi:
 - Integrating STORE into DoReMi
 - Aug 2012-Dec 2015



Background

- STORE data warehouse for radiobiological and radiation epidemiology research, aimed at rescuing endangered data and at data sharing
 - Includes data of different kinds
 - Pointers to data and to biosamples
- FREDERICA data base includes information from radioecology research






Aims - Europe

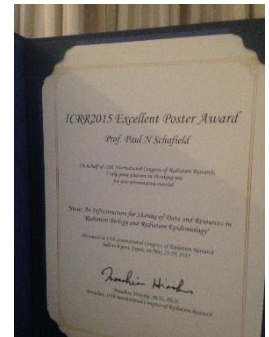


- ALLIANCE
 - Link STORE – FREDERICA (2015/2016)
- NERIS / EURADOS
 - Link STORE – RENEb (2015/2016)
- Adding new data and new information
 - Already started within DoReMi
 - Animal experiments, epidemiological studies



Aims - beyond

- USA 
 - Tighten Link STORE – JANUS (2015/2016)
 - Link STORE – NURA (2015-2017)
- Japan 
 - Link STORE – J-SHARE (2016/2017)
- Vision: STORE being the one portal to information and data in the field of radiation protection research



Key activities during year 1

- Presentation of the currently available databases for archived data and biological material (STORE, JANUS, radioecology) and strategies for their exploitation. Assessment of the availability of archived data and samples for STORE and the radioecology databases

Sustainability of STORE

- STORE will migrate from Univ Cambridge to BfS
- Will be hosted by BfS for technical sustainability
- an additional financial contributions comes from BfS' share of the CONCERT project (continuous collaboration with Univ Cambridge) → constant improvement based on the needs of the users