ilifu Research Data Management and Open Science Project
Report on Deliverable 5

Deliverable 5- Shared data management services are in place. An advocacy programme on the benefits of data sharing and open science is hosted online.

a) Ilifu shared data management services

Research Data Services are the various tools, platforms and support structures that enable researchers to conduct their research and share outcomes more efficiently. Available to users of ilifu are shared research data management services across the ilifu consortium, including national and institutional levels.

The initial work on developing the shared data management consortium services involved each institution rating their available research data management services, available at https://tinyurl.com/ult8x33. A shared services infographic was developed by the working groups as previously reported to the PSC. The shared data services infographic will be shared on the ilifu website upon completion.

b) Advocacy programme

The advocacy programme is published on the ilifu website at: http://www.ilifu.ac.za/il/reports-and-publications

c) CoreTrustSeal certification application

CoreTrustSeal (CTS) offers a core level certification based on the World Data System of the International Science Council (WDS) Core Trustworthy Data Repositories Requirements catalogue and procedures[1]. This universal catalogue of requirements reflects the core characteristics of trustworthy data repositories in compliance with the global principles of FAIR (Findable, Accessible, Interoperable, and Reusable). In an unfunded requirement specified in the consortium agreement, repository instances across the consortium are expected to have CTS certification. ilifu consortium partners (CPUT, SU, UCT, UWC) completed a preliminary self-rating against CTS checklist requirements for their respective institutional Figshare instances. This rating may change based on the outcome of the CTS certification application process whereby certification is granted over a 3 year period. The CTS checklist document is available on the ilifu website in support of the D5 submission at: https://tinyurl.com/qrzxcoj

The consortium partners requested a waiver of fees and have been granted a partial discount. Institutional applications will now be harmonised as per the conditions of the discount "*The offer also comes with the understanding that the four universities make a formal request to the Board as a consortium, explaining the circumstances behind the request and showing that the consortium will coordinate to align application statements and evidence wherever possible— part of the reason for offering a bulk discount to repository networks is the challenge of reviewing their applications is reduced owing to their similar procedures and documentation*" The CTS certification process is thus ongoing. Following the establishment of the ilifu commonalties provided in shared services, the next step will be to consult with the internal reviewer, Mr. Wim Hugo.

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[1] CoreTrustSeal: https://www.coretrustseal.org/about/

Deliverable Timelines

Below are the timelines for the current project deliverables.

Deliverables	Timeframe	Complete
D1: 0.5 FTE appointment of **RDM project manager** is seconded to CPUT	Dec 17	Mar 18
D2: A **work integrated learning programme** is developed for data managers with expected outcomes aligned to relevant academic courses	Dec 17	Oct 19
D3: The RDM system (**figshare**) is configured and operational	Dec 17	Mar 18
Milestone 1: Initial... data management services are installed and configured	**Dec 17**	**Dec 17**
D4: Standards compliant data management **policies are publicly availabl**e to inform users of the requirements for data archiving, accessibility and the reuse of data created on the infrastructure	Jun 18	Jun 18
Milestone 2: Implement end-to-end standards compliant data management policies and services	**Nov 18**	**Feb 19 (V1.2) Oct 19 (V2.0)**
D5: Shared data management **services are in place**. An advocacy programme on the benefits of data sharing and open science is hosted online.	Dec 18	Work in progress: Due 30 March
D6: Deposit guidelines are developed and maintained online in response to **feedback on user experience**	Jun 19	Work in progress: Due 30 June