Framework document Steering group VSNU/NFU/NWO – Elsevier

Name Pilot/Service: AUMC (Amsterdam University Medical Center) website support service

Short description of the pilot/service:

The service will enable the institutions to represent their researchers and research outputs in a newly created website (Amsterdam UMC) and link back from that website to a dedicated portal for detailed information on researchers, their research outputs, organizations and their collaborations. More details in Appendix 1

This pilot will help:

1. the AUMC (for now, later perhaps NFU or other group) be more transparent, showcase its research and help the general public find relevant experts at the AUMC. All of those are proving extremely important in these times of pandemic.

2. provide learnings how we can, at a later stage, better support the plans of the Dutch research community to create an Open Knowledge Base. It is currently envisioned that the OKB will be a client of CRIS systems and that a deduplicated database (keeping provenance) will be helpful. Therefore, it is important that learnings (3 points below) will be shared with the owners of OKB and that plans around OKB, once final, are shared with the owners of this pilot. And that any expansion of this pilot is checked with the owners of the OKB process.

This pilot is aimed at finding out - learning - how an important part of the intended service can best be performed, so that a possible larger pilot takes less effort and has more chance:

- Technical complications and what solutions were developed to solve them.
- Governance issues and how to handle diverging views between the different stakeholders.
- Potential implementation difficulties.

A report on lessons learnt (on all 3 topics) will be prepared at the end of the pilot and made publicly available.

1. (a) Participating institutions Participation in the Professional Services is at each Institution's sole discretion and a pilot shall only commence if there is a minimum participation by at least three Institutions *	Evaluation YES NO	Evidence and Comments
Are at least 3 institutions involved in the pilot?	YES	VU Medical Center, AMC VU and UvA are also stakeholders as employees from both institutions that are active in collaborative research institutes are included on the website
Evidence of how and when other institutions can join	N/A	n/a in this specific case, however, model can be applied to any collaboration. Other NFU members are following and are interested.
1. (b) Interoperability and vendor neutrality Elsevier shall use all reasonable efforts to ensure that the Professional Services are interoperable, both on the input (uploaded) and output side (created) *	Evaluation YES NO	Evidence and Comments
Use of open identifier systems	When available	The service supports multiple identifiers including some open ones such as ORCID (Open Researcher and Contributor ID), DOI, Dublin Core.

Use of standardised metadata schemas	YES	The service's metadata schema is CERIF (Common European Research Information Format) compliant
Existence of a well-documented API and open data-dump function	YES	The service integrates with AUMC selected third-party vendor via a RESTful API, with JSON as data format
Ability to export data in a variety of formats	YES	The Service offers the possibility to export data in multiple formats such as csv, JSON, etc.
Ability for other commercial parties to join	YES	Participating institutions will use GX (other vendor) to create the externally facing website that will be serviced through this pilot
2. Transparency, inclusion and collaboration The Services and resulting Deliverables are aimed to make science and research more transparent, efficient, inclusive, openly and freely accessible, and collaborative. *	Evaluation YES NO	Evidence and Comments
Provenance on how and where metadata was derived		Data is derived from institutional CRIS systems (see also flow diagram).
Descriptions of workflows that result in indicators, metrics and/or other relevant outcomes will be open and transparent. These will demonstrate, for example calculation steps, search strings used to define entities, etc.	NA	-
Description of the services used to create metadata	YES	Data is being pulled from the existing individual CRIS systems (Pure instances of the participating institutions), and then aggregated and deduplicated in a central Community (Pure) instance. This service uses the existing central community to connect via an API to the new AUMC public website
Insights and lessons published with Open Access license		At the discretion of the participating institutions (AUMC and the VU, UvA)
Will the pilot contribute to Open Science?	YES	This service supports the institutions' objectives of transparency and outreach (the AUMC public website) and promotes collaboration (visibility of expertise in website and supporting portal) across institutions and beyond.
Demonstration of connection to non-Elsevier products	YES	Common API technology is being used to ensure data integration with the participating institutions' chosen

		vendor; RESTful API, with JSON as data format
3. Access to research data and metadata Elsevier will give enduring access during the Term to all (research) data, including metadata, analytics and information *	Evaluation YES NO	Evidence and Comments
Describe the ownership / licensing of data made as part of the service	YES	All data in the service's backend and frontend (Pure community and portal) as contributed by the participating institutions are fully owned by the participating institutions. Institutions can use the Pure Web Service API to retrieve their data at any time during or after the term. The Pure Web Service allows to extract both metadata and file data in XML and JSON format
Describe how access (institutional and / or public) to the data will be set-up during the term; this section will also indicate cases where certain data is not publicly access.	YES	The public can access the data through the new Amsterdam UMC Research website, the new AUMC Pure portal and or the existing portal from UvA and VU. The Participating institutions determine which data entities will be made publicly available.
4. Data portability Institution shall be entitled to transfer the data provided, uploaded or created to its own or to a third party host environment *	Evaluation YES NO	Evidence Comments
Evidence on how data transfer is possible	YES	As Pure metadata schema is CERIF compliant, participating institutions can easily move to another host environment. In current setup data is being transferred to an external (approved by participating institutions) party via a RESTful API.
How can an institution withdraw data?		n/a all data is on the institutional CRIS; Participating institutions can withdraw data from the AUMC Pure portal at any time they wish. (cf. section 3.) If Participating Institutions decide to discontinue the service and migrate data to another system, all information and data in Pure is exportable and extractable to XML and JSON formats. The costs of the basic end-of-contract process are included in a client's Pure licence fee. We provide guidance to clients about the tasks they need to

	Evaluation YES NO	Evidence Comments
		complete as part of their exit strategy and help limit the expected timeline for they to complete these tasks.
5. Intellectual property *	Evaluation YES NO	Evidence Comments
Details on IP related to data provided, created or enriched	NA	NA. There is no transition of ownership of (meta)data. There is no transfer or creation of IP.
6. Additional considerations	Evaluation YES NO	Evidence Comments
What processes will be put in place to evaluate the service during and at the end of pilot		Ongoing review of the service with a formal decision before December 31 st 2021 to continue or discontinue the service.
Terms of use of the deliverables during and after contract period		If participating institutions so wish, service is available as part of the agreement until December 31, 2024. In case participating institutions do not want to continue to use the service, all public data serviced to the AUMC website will remain on that website (if participating institutions so wish)
Pilot project team		The existing team with representatives from Elsevier and AUMC has been working closely to define the solution. There are some improvements to the roadmap for 2021.

* For the full text, please refer to the contract.

Approved by the VSNU/NFU/NWO-Elsevier steering group	Date: 2 March 2021