Framework document Steering group VSNU/NFU/NWO – Elsevier

Name Pilot/Service: Team science - author contributions

Short description of the pilot/service

- This pilot will deliver a white paper (which will made publicly available), including initial analyses of CRediT data for Dutch authors in Elsevier publications, reviewing the usefulness of CRediT data for the purpose of team science and fair reward use cases. The pilot is deemed successful when the main conclusions of the white paper and analyses provide sufficient insights to decide how CRediT data can best be used on the context of the Dutch Recognition & Reward policy.

- CRedit is a NISO standard describing 14 author contributor roles. Increasingly Publishers support CRediT, and Elsevier is currently rolling out CRediT for all its journals. This pilot will analyze to what extend CRediT data is present in Dutch authored publications. The analyses will be used to discuss and determine how best to support CRediT's uptake by the various partner s

- CRediT potentially provides valuable data for multiple OS use cases related to team science and fair recognition, see the SoW for a number of use cases.

- The partners hope to learn to what extend CRediT data sufficiently captures the author contributions for the defined use cases.

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	Partners are VU, AUMC, Maastricht University, Groningen University and TU Eindhoven

Evidence of how and when other institutions can join	Yes	Any organization can join at any time.
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) * YES NO	Evaluation	Evidence and Comments
Use of open identifier systems	Yes	International NISO standard is being used; this is an open classification
Use of standardised metadata schemas	n/a	
Existence of a well-documented API and open data-dump function	n/a	
Ability to export data in a variety of formats	Yes	For the purpose of this pilot, data will most likely be provided as an Excel file.
Ability for other commercial parties to join	Yes	Any other Publisher can in principle join CRediT (and many do). For this pilot we focus on Elsevier data.
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. * YES NO	Evaluation	Evidence and Comments
Provenance on how and where metadata was derived	Yes	Data is derived from Elsevier journals using the CRediT classification.
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.	n/a	
Description of the services used to create metadata	n/a	The CRediT meta data is put in by corresponding authors in the various

		submission systems; in Elsevier's case Editorial Manager.
Insights and lessons published with Open Access licence	Yes	White paper will be made publicly available
Will the pilot contribute to Open Science?	Yes	See use cases in the SoW
Demonstration of connection to non-Elsevier products	n/a	CRediT is a NISO standard which is being used by multiple Publishers
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 / licencing of data made as part of the service	Yes	Analyses are done on OA articles (mostly CCBY). Elsevier has publishing rights.
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 analyses will be done over the whole body of 2020-2023 published articles by Dutch corresponding authors. Outcomes will be shared with all partners. Specific data of an institution will be provided to each participating institution.
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.	n/a	
How can an institution withdraw data?	n/a	
5. Intellectual property *	Evaluation YES NO	Evidence Comments
Details on IP related to data provided, created or enriched	n/a	

6. Additional considerations	Evaluation	Evidence Comments
	YES NO	
What processes will be put in place to evaluate the service during and at the end of pilot	Yes	The purpose of this pilot is to evaluate CRediT data; which will be both quantitively and qualitatively assessed.
Terms of use of the deliverables during and after contract period	Yes	GDPR considerations are reviewed and there are no issues identified relevant to this pilot.
Pilot project team	Yes	Names of the partners' contacts detailed in the respective SoWs

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

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