Plan Overview

A Data Management Plan created using DMPTuuli

Title: After the Export: Tracing Legacies of Finnish Teacher Education Export

Creator: Lais Oliveira Leite

Principal Investigator: Lais Oliveira Leite

Data Manager: Lais Oliveira Leite

Project Administrator: Lais Oliveira Leite

Contributor: Cloneria Nyambali Jatileni (Kalimba)

Affiliation: University of Eastern Finland

Funder: Suomen Kulttuurirahasto

Template: Finnish Cultural Foundation (in English)

ORCID iD: 0000-0002-4618-3442

Project abstract:

Finnish teacher education export continues to expand as a policy priority even as its reputational foundations weaken, yet almost nothing is empirically known about what exported pedagogical ideas actually produce over the medium to long term or how the export process itself reshapes Finnish providers. *After the Export: Tracing Legacies of Finnish Teacher Education Export* is a four-year international research project (January 2027 – December 2030) hosted by the University of Eastern Finland (UEF) that revisits, five to fifteen years after participation, educators who took part in Finnish teacher education export programmes in Brazil, Namibia, and Finland. Framing the object of study as educational ideas and practices embedded in Finnish teacher education export rather than as a mythical "Finnish pedagogy", the project examines what has survived, what was adapted, what was displaced, and how the process of exporting has transformed Finnish providers themselves — developing a working model of *reciprocal educational translation*. The project is co-designed with returning participants through an accredited Fellowship on Reciprocal Educational Translation hosted by UEF's Centre for Continuous Learning, in which approximately 60 Fellows across the three strands contribute interviews, participatory workshops, and their own storytelling documentation (written, audio, visual, multimodal). Fellows receive certification and ECTS credits recognisable as professional development. Findings are disseminated through an open-access interactive online book and a portfolio of peer-reviewed publications, with Fellows invited as named co-authors. The working group comprises researchers from the Global South and Finland — themselves former participants of international education collaborations — together with an advisory board of senior researchers from IFPB (Brazil), UNAM (Namibia), UEF, and Tredu. Funding from the Finnish Cultural Foundation enables Finland to be studied as a self-reflexive actor within the global education field.

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After the Export: Tracing Legacies of Finnish Teacher Education Export

1. General description of data

1.1 What kinds of data is your research based on? What data will be collected, produced or reused? What file formats will the data be in? Additionally, give a rough estimate of the size of the data produced/collected.

After the Export is a four-year participatory follow-up study (January 2027 – December 2030) that revisits approximately 60 educators (Fellows) across three country strands (Brazil, Namibia, Finland) who took part in Finnish teacher education export (FTEE) programmes 5–15 years earlier. Four categories of data will be collected, produced, or reused: **(a) Primary research data from Fellows (collected through the Fellowship on Reciprocal Educational Translation).**

- Semi-structured interview audio recordings and transcriptions (approximately 60 interviews across the three strands).
- Participatory workshop recordings and facilitator notes.
- Pre-fellowship survey responses from potential participants.
- Short surveys from Fellows' peers collected by country strand
- Reflexive field notes from strand researchers.

Expected file formats: .mp3, .mp4, .m4a (audio and video); .docx, .pdf (transcriptions, notes); .csv, .xlsx (survey data). Estimated size: approximately 50–100 GB across all strands over four years. **(b) Participant-authored storytelling documentation.**

- Written, audio, visual, and multimodal materials co-produced by Fellows for the open-access interactive book (WP5).
- Expected file formats: .docx, .pdf, .mp3, .mp4, .jpeg, .png, .pdf (combined multimedia materials).
- Estimated size: approximately 20–50 GB.

(c) Secondary data for programme mapping (WP2).

- Public strategy documents, provider documentation, and prior scholarship on Finnish teacher education export, drawing on sources including Kuortti (2025), Schatz (2015), Juusola & Nokkala (2022), and Chung (2017).
- Expected file formats: .pdf, .docx.
- Estimated size: approximately 2–5 GB.

(d) Analytical outputs.

- Coded datasets and analytical memos from cross-case analysis (WP4).
- Draft and final texts for the interactive online book and six planned peer-reviewed articles.
- Expected file formats: .docx, .pdf, .xlsx, qualitative analysis software files (e.g., NVivo, ATLAS.ti).
- Estimated size: approximately 10–20 GB.

Total estimated data volume: approximately 80–175 GB over four years, including raw multimedia, processed data, and analytical outputs.

1.2 How will the consistency and quality of data be controlled?

Four mechanisms will ensure data quality and consistency: **(a) Protocol standardisation across strands.** Interview protocols, workshop templates, storytelling prompts, and reflexive field note frameworks will be developed collaboratively by the research team in Year 1 and applied consistently across the three strands. **(b) Transcription and translation quality assurance.** Interview audio will be transcribed using standardised protocols. Transcriptions in Portuguese (Brazil) and Finnish (Finland) will be translated to English for cross-case analysis, with native-speaker verification. **(c) Analytical coding consistency.** All data will be coded using the three-dimensional heuristic of situated expertise (context, actors, methods) with its three articulation phases (integration for understanding, justification, implementation), following Vienni-Baptista et al. (2022). Coding reliability will be assessed through regular peer debriefing among the research team. **(d) Fellow member validation.** Fellows will be invited to review and validate transcriptions, workshop records, and storytelling documentation produced from their contributions before analysis and publication, consistent with the distributed reflexivity approach (Bieler et al., 2021).

2. Ethical and legal compliance

2.1 What legal issues are related to your data management? (For example, GDPR and other legislation affecting data processing.)

After the Export addresses multiple ethical dimensions through the operational commitments articulated in Section 4.3 of the research plan. **(a) Informed consent.** Fellows will provide informed consent through a standardised multilingual consent form (English, Portuguese, and Finnish) covering: enrolment in the Fellowship programme; participation in interviews, workshops, and storytelling documentation; data use, retention, and sharing arrangements; withdrawal rights; and co-authorship opportunities. **(b) Participant identity and anonymisation.** The project applies a three-tier approach:

- *Interview transcripts and workshop records* will be pseudonymised. Specific identifying details (institutional names, cohort references) will be anonymised where possible without erasing contextual meaning. Following critical discussion in the decolonising research literature (Tamimi et al., 2024), blanket anonymisation that strips contextual meaning will be avoided when it compromises the integrity of participant stories.
- *Participant-authored storytelling documentation* (for the interactive book) will be published under each Fellow's attributed name by default, with the explicit option for anonymity if the Fellow prefers.
- *Analytical publications* (peer-reviewed articles, cross-strand book chapters) will use pseudonymised participant data except where Fellows have agreed to be named co-authors.

(c) Multi-jurisdictional data governance. Fieldwork takes place across three jurisdictions with different data protection regimes:

- Finland and the EU: General Data Protection Regulation (GDPR) and Finnish Data Protection Act (1050/2018).
- Brazil: Lei Geral de Proteção de Dados (LGPD, Law 13.709/2018).
- Namibia: Namibian Data Protection Act (Act 1 of 2024).

Cross-border data transfers will comply with GDPR provisions on international data transfer, including standard contractual clauses or specific consent mechanisms. **(d) Ethics review and oversight.** UEF ethics review will be conducted following the Finnish National Board on Research Integrity (TENK) guidelines. This formal review will be complemented by strand-level participant consultation on locally appropriate ethical conduct (Tamimi et al., 2024). **(e) Positionality transparency.** All team members and advisory board members will document their positionality throughout the project through the WP1 distributed reflexivity process (Bieler et al., 2021).

2.2 How will you manage the rights of the data you use, produce and share?

The project applies a **three-tier data ownership framework** reflecting the project's decolonial commitments while accommodating multi-jurisdictional legal requirements and the practical complexities of participant-level data co-ownership. **Tier 1 — Raw research data (interviews, workshop recordings, field notes).**

- UEF is the legal data controller for all primary research data, with institutional co-ownership established through formal data-sharing agreements with:
- **UNAM (University of Namibia)** for Namibia-strand data, with Prof. Sacky Iipinge as institutional co-ownership partner;
- **IFPB (Instituto Federal da Paraíba)** for Brazil-strand data, with Prof. Jamylle Ouverney as institutional co-ownership partner.
- Finland-strand data remain under UEF controllership only.
- Institutional data-sharing agreements with UNAM and IFPB will define access, reuse, withdrawal, archiving, and compliance obligations.
- Fellows retain the right to withdraw their data from any specific use at any time, consistent with GDPR Article 17.

Tier 2 — Participant-authored materials (storytelling, book contributions, workshop presentations).

- Fellows retain full ownership of their storytelling contributions and workshop presentations.
- A time-bounded licence is granted to the project for publication, translation, and dissemination through the interactive book and related outputs.
- Fellows retain the right to withdraw their contributions before publication and to request amendments or clarifications at any time.
- Fellows retain the right to reuse their contributions for their own purposes (teaching, personal publications, archival submission).

Tier 3 — Analytical outputs and project publications.

- The project's analytical outputs (cross-case analysis, RET model development, peer-reviewed articles, interactive book analytical chapters) are owned and administered by the UEF research team.
- Fellows and advisory board members are invited as named co-authors on strand-specific journal publications and book chapters where they have contributed substantively — this operationalises the decolonial commitment to meaningful co-authorship rather than tokenistic acknowledgment (Tamimi et al., 2024 [20]).
- Co-authorship invitations will be communicated transparently, with Fellows free to decline.

Publication coordination. To avoid clashes between individual Fellow publications and the main project publications, Fellows wishing to publish independently using insights or data drawn from their Fellowship engagement will be invited to consult the project team before submission. The project team will provide guidance on how individual publications can complement rather than compete with the main project outputs. **Licensing and copyright.** All project outputs will be published under appropriate open-access licences:

- Interactive book and peer-reviewed articles: Creative Commons Attribution 4.0 International (CC BY 4.0) or compatible open-access licences.
- Dataset metadata (not raw data): CC0 or CC BY 4.0.

Restrictions on sharing Raw interview and workshop data cannot be publicly shared due to GDPR, consent arrangements, and participant privacy requirements. Anonymised, aggregated data and metadata will be made openly available following the principles described in Section 5.

3. Documentation & metadata

3.1 How will you document your data in order to make the data findable, accessible, interoperable and re-usable for you and others? What kind of metadata standards, README files or other documentation will you use to help others to understand and use your data?

(a) Metadata standards. Project datasets and publications will be documented using the Dublin Core metadata standard for repository submissions, complemented by discipline-specific metadata (e.g., DDI — Data Documentation Initiative — for qualitative data where applicable). **(b) README documentation.** Each major dataset will be accompanied by a README file in English (and the partner-country language where appropriate) describing:

- Dataset description and content overview;
- Data collection methodology and timeline;
- Variables, codes, and categories (where applicable);
- Analytical frameworks applied;
- Access conditions and permitted uses;
- Contact person and institutional affiliation;
- Version history and update log.

(c) Participant and Fellow documentation. The interactive online book, as the primary participant-facing output, will include a comprehensive methodology section explaining:

- The three-tier data ownership framework;
- Fellow contribution and attribution choices;
- Translation methodology and verification processes;
- Editorial decisions and the role of the research team.

(d) Analytical process documentation. All analytical decisions during cross-case analysis (WP4) will be documented in analytical memos and preserved alongside the dataset for transparency and reusability. **(e) Persistent identifiers.** All published outputs (interactive book, peer-reviewed articles, repository submissions) will be assigned permanent Digital Object Identifiers (DOIs) to ensure long-term findability and citation integrity. **(f) FAIR principles.** The project commits to the FAIR (Findable, Accessible, Interoperable, Reusable) data principles, implemented through:

- *Findable*: DOIs, metadata, repository registration.
- *Accessible*: open-access publication of outputs; controlled access to primary data via UEF/UNAM/IFPB institutional procedures.
- *Interoperable*: standard metadata schemas, common file formats.
- *Reusable*: comprehensive documentation, clear licensing, versioning.

4. Storage and backup during the research project

4.1 Where will your data be stored, and how will the data be backed up?

(a) Primary storage. All primary research data will be stored on UEF's institutional research data infrastructure, which is GDPR-compliant and provides automatic backup and version control. The specific storage platform will be the UEF Research Data Storage service (or equivalent) coordinated through UEF IT Services. **(b) Backup strategy.** UEF's research data infrastructure provides automated daily backups with off-site redundancy. In addition, encrypted local backups will be maintained by the Principal Investigator on UEF-issued laptops with full-disk encryption. **(c) Partner institution data access.** Namibia-strand data accessible to UNAM collaborators (per the institutional data-sharing agreement) will be transferred via encrypted channels. Comparable arrangements will apply to IFPB for Brazil-strand data. **(d) Fieldwork data collection.** During in-country field trips (Year 2), interview recordings and workshop records will be stored on encrypted mobile devices, uploaded to UEF's research data infrastructure as soon as reliable internet access is available, and deleted from mobile devices after confirmed upload. **(e) Software and tools.** Qualitative analysis will be conducted using licensed software (NVivo, ATLAS.ti, or equivalent) hosted on UEF-managed infrastructure or on UEF-issued personal computers.

4.2 Who will be responsible for controlling access to your data, and how will secured access be controlled?

(a) Access roles.

- *Full access*: The Principal Investigator (Oliveira Leite) and Dr. Cloneria Jatileni (postdoctoral researcher).
- *Partial access*: The PhD researcher (Finland strand, recruited Year 1) will have access to Finland-strand data only.
- *Restricted institutional access*: UNAM (Prof. Iipinge) and IFPB (Prof. Ouverney) will have institutional co-ownership access to Namibia-strand and Brazil-strand data respectively, under the terms of the data-sharing agreements.
- *Advisory board access*: Advisory board members (Prof. Havu-Nuutinen, Virpi Heinonen) will have access to anonymised analytical outputs and participant-authored storytelling only, as needed for consultation and co-authorship.
- *No access*: Project outsiders will have no access to primary data; only anonymised aggregated data and metadata will be made

publicly available (see Section 5).

(b) Access control mechanisms. All access is controlled through UEF's institutional authentication system. Partner institution access is managed through secure, time-limited credentials granted through the data-sharing agreements. **(c) Data breach procedures.** In the event of a data breach, procedures will follow UEF's institutional incident response protocol and GDPR Article 33–34 notification requirements. The Principal Investigator will be the first point of contact for breach response and will coordinate with UEF's Data Protection Officer. **(d) Access review.** Access rights will be reviewed annually through the WP1 distributed reflexivity meetings to ensure that access remains appropriate and that departed personnel are promptly removed.

5. Opening, publishing and archiving the data after the research project

5.1 What part of the data can be made openly available or published? Where and when will the data, or its metadata, be made available?

The project commits to open science principles while respecting participant privacy, consent arrangements, and ethical obligations.

(a) Openly available outputs.

- The interactive open-access online book will be published through UEF Press (or equivalent institutional publisher) under a Creative Commons licence, with permanent DOI, in late Year 3 (2029).
- All peer-reviewed journal articles will be published open-access or self-archived in UEF's institutional repository, with permanent DOIs. Articles in Portuguese, English, and Finnish will be published open-access through regional repositories where feasible.
- Anonymised and aggregated qualitative dataset summaries (e.g., coded categories, cross-case comparison matrices) will be deposited in Finnish Social Science Data Archive (FSD) or equivalent repository, where ethical and consent arrangements permit.

(b) Metadata and documentation openly available.

- Dataset metadata, methodology documentation, and consent form templates will be openly available through UEF's institutional repository with permanent DOIs.
- Analytical frameworks, coding manuals, and research protocols will be shared as supplementary materials to publications.

(c) Not openly available.

- Raw interview recordings, personal interview transcripts, and workshop recordings cannot be openly shared due to GDPR, consent arrangements, and participant privacy requirements.
- Participant-authored storytelling that has been attributed to named Fellows will be made available only through the interactive book, with Fellows retaining ownership and control.

(d) Timing of release.

- Interactive book: late 2029 (end of Year 3).
- Peer-reviewed articles: 2029–2030 (Years 3–4), as publications are accepted.
- Anonymised dataset summaries and metadata: by end of 2030 (end of Year 4), coinciding with project closure.
- All materials remain accessible permanently through DOI-linked repository hosting.

5.2 Where will data with long-term value be archived, and for how long?

(a) Long-term archiving. Data and outputs with long-term scholarly value will be archived through two complementary channels:

- *UEF institutional repository* for research outputs, analytical outputs, and dataset metadata, with permanent hosting commitments through UEF Library.
- *Finnish Social Science Data Archive (FSD)* or equivalent discipline-appropriate archive for anonymised aggregated datasets, where ethical and consent arrangements permit.

(b) Retention periods.

- Research outputs (interactive book, peer-reviewed articles): archived permanently in open-access form.
- Dataset metadata and documentation: archived permanently with permanent DOIs.
- Raw primary research data: retained for a minimum of 10 years following project closure (end of 2030), consistent with UEF institutional policy and Finnish research data retention requirements. After this period, data will be reviewed for continued value and either retained for further defined periods or securely destroyed, following UEF data protection procedures.

(c) Legacy and continuity. The institutional data-sharing agreements with UNAM and IFPB will specify arrangements for continued access to Namibia-strand and Brazil-strand datasets by the partner institutions beyond the project's active phase, enabling follow-on research and ongoing scholarly use.

6. Data management responsibilities and resources

6.1 Who (for example role, position, and institution) will be responsible for data management?

(a) Responsibilities during the research project.

Responsibility	Role Holder	Period
Overall data management plan oversight	Dr. Laís Oliveira Leite (PI)	Years 1–4
Brazil-strand data collection and primary custodianship	Dr. Laís Oliveira Leite (PI)	Years 2–3
Namibia-strand data collection and primary custodianship	Dr. Cloneria Jatileni (Postdoc)	Years 2–3
Finland-strand data collection and primary custodianship	PhD researcher (to be recruited Year 1)	Years 2–3
Partner institution liaison (UNAM)	Dr. Cloneria Jatileni, in coordination with Prof. Iipinge	Years 1–4
Partner institution liaison (IFPB)	Dr. Laís Oliveira Leite, in coordination with Prof. Ouverney	Years 1–4
Consent form administration and tracking	PI, with support from strand leads	Years 1–4
Repository submission and metadata	PI, with support from UEF Library	Years 3–4
Interactive book editorial coordination	Dr. Jatileni (WP5 Lead)	Years 2–4
Open-access publication coordination	All team members, by publication	Years 3–4
Ethics review coordination (UEF)	PI	Years 1–4
Data breach response	PI, in coordination with UEF DPO	Years 1–4

(b) Responsibilities after the project.

Responsibility	Role Holder
Long-term dataset custody at UEF	UEF Library
Long-term partner institution custody (UNAM)	UNAM, per data-sharing agreement
Long-term partner institution custody (IFPB)	IFPB, per data-sharing agreement
Interactive book long-term hosting	UEF Press / UEF Library
Open-access article repository	UEF Library

(c) Consultation and support.

- UEF Data Protection Officer: ongoing consultation on GDPR compliance.
- UEF Library and Research Data Services: support for repository submission, DOI assignment, and institutional archiving.
- UEF Research Funding Services: budget administration and overhead calculations.
- UNAM and IFPB institutional contacts: ongoing coordination for data-sharing agreements and partner-country compliance.

6.2 What resources will be required for your data management procedures to ensure that the data can be opened and preserved according to FAIR principles (Findable, Accessible, Interoperable, Re-usable)?

Data management activities are integrated into the overall project budget (see Research Plan Section 5). Specific resource allocations include:

- Personnel time: approximately 10–15% of each team member's time across the project (included in personal working grants).
- Software licenses (NVivo, ATLAS.ti, qualitative data analysis software) available through UEF IT services.
- UEF institutional data storage infrastructure: provided through UEF's standard institutional overhead.
- Transcription and translation services (budgeted in Research Plan Section 5, Category B.5 Dissemination).
- DOI registration and repository submission fees: approximately €1,000 across the project.
- Data-sharing agreement negotiation with UNAM and IFPB: coordinated through UEF's legal services as part of standard institutional overhead.

FAIR principles — operational translation.

- *Findable:* All openly published outputs (interactive book, peer-reviewed articles, anonymised dataset summaries) are assigned permanent DOIs and registered with comprehensive Dublin Core metadata, supplemented by Data Documentation Initiative (DDI) metadata where applicable to qualitative data. Metadata is deposited in UEF's institutional repository and the Finnish Social Science Data Archive (or equivalent), ensuring discoverability through standard scholarly search infrastructures.
- *Accessible:* Open-access publication is used for all project outputs under Creative Commons Attribution 4.0 International (CC BY 4.0) or compatible licences. Primary data access is controlled through UEF's authentication system, with partner institution access (UNAM, IFPB) governed by formal data-sharing agreements. Dataset metadata and documentation are openly accessible regardless of restrictions on primary data.
- *Interoperable:* Standardised metadata schemas (Dublin Core, DDI), common file formats (.pdf, .docx, .csv, .xlsx, .mp3, .mp4, .m4a, .jpeg), and standardised coding frameworks (the three-dimensional heuristic of situated expertise, following Vienni-Baptista et al., 2022) ensure that datasets can be reused across platforms and by future researchers.

- *Re-usable:* Comprehensive README files, analytical memos, consent form templates, coding manuals, and methodology documentation accompany each dataset submission. Clear licensing (CC BY 4.0 for most outputs; CC0 or CC BY 4.0 for metadata) and documented versioning enable informed reuse by future researchers.

Long-term preservation. UEF Library provides permanent hosting for all research outputs, with minimum 10-year retention of raw research data consistent with UEF institutional policy and Finnish research data retention requirements. The Finnish Social Science Data Archive (or equivalent) provides long-term preservation of anonymised aggregated datasets. Partner-institution agreements with UNAM and IFPB specify arrangements for continued post-project access to Namibia-strand and Brazil-strand data.