![DARIAH-EU] CLARIN
Common Language Resources and
Technology Infrastructure

FIN-CLARIAH
2024/25

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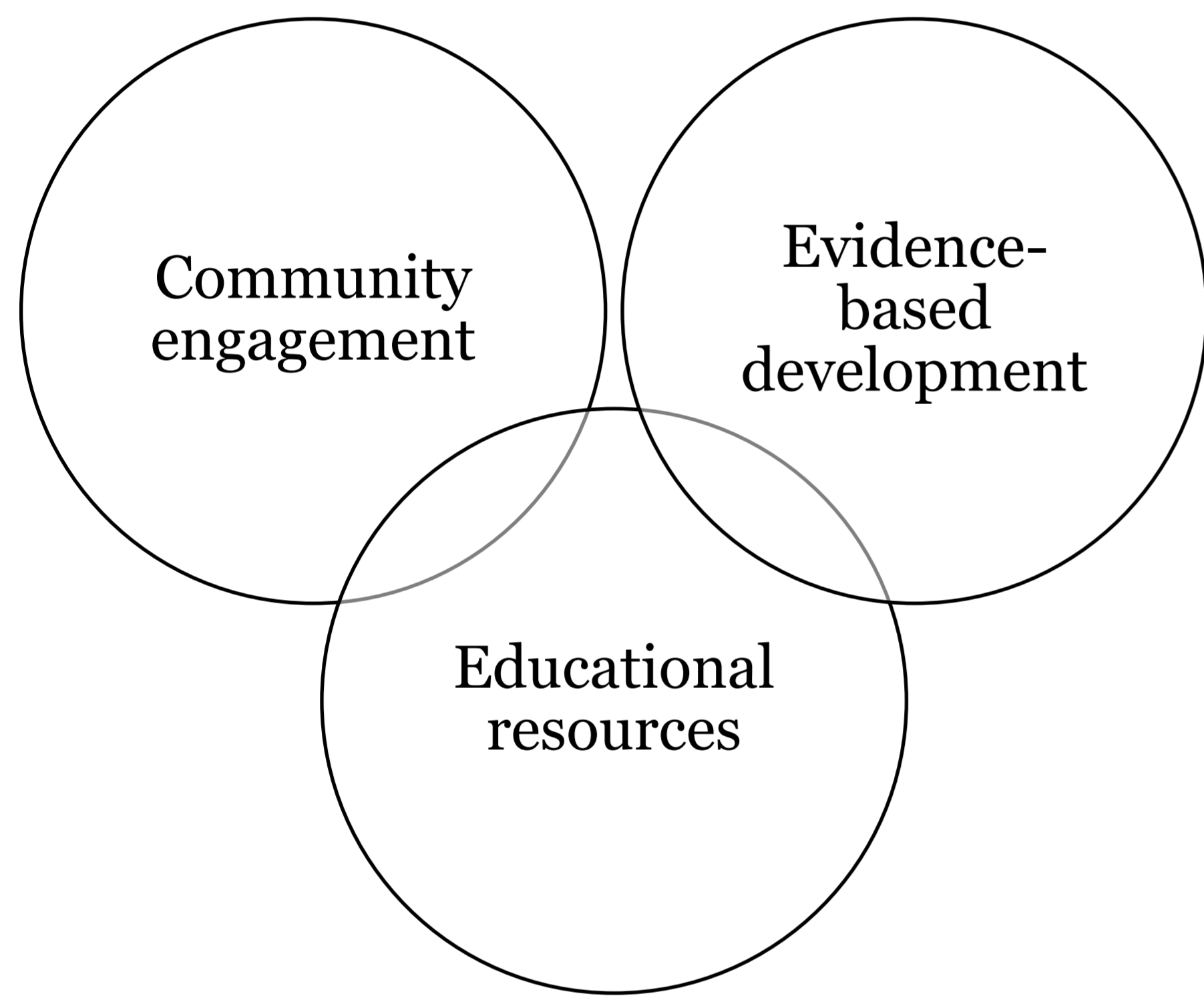Tampere University
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WP 5.1 EVIDENCE-BASED INFRASTRUCTURE DEVELOPMENT

To ensure the widening of the user community, lower the RI threshold and ensure successful uses for researchers, we need (1) **active community engagement** with researchers working with multiple types of research tools and data (including multimodal societal data and multimodal cultural heritage data); and (2) **educational resources** that help the users' reach their research aims. We will facilitate:

- the organization of training workshops for researchers on different RI tools and data
- a collection of existing training materials to be shared among the users of the facility
- best practices for trainings and tutorials

Overview of the WP

To develop the facility, we also need (3) to collect information on **how the users interact** with the tools and data available in the RI. We will conduct:

- implicit user monitoring (interaction log analysis)
- explicit user monitoring (questionnaires, interviews, workshops)

Module 1
Natural Language Processing

WP 1.1
WP 1.2
WP 1.3

Module 2
Language Research Infrastructure

WP 2.1
WP 2.2
WP 2.3
WP 2.4

Module 3
Structuring data

WP 3.1
WP 3.2
WP 3.3

Module 4
Analysing structured data

WP 4.1

← WP 5.1 →

Module 5
Information Interaction

Relationship with other WPs

A careful analysis of all these aspects **reveals critical design points** for the RI and **highlights information needs** of the user community. In essence, collecting RI performance data and designing and developing digital tools, protocols and services support the development of the facility. Our goal is to keep a **close dialogue** with the user community to ensure the best possible development of the RI.

DELIVERABLES

D:5.1.1 Community engagement: multimodal societal data researchers
When organizing training workshops and conducting explicit user monitoring, we will specifically **target multimodal societal data researchers** to widen the RI user base.

D:5.1.2 Community engagement: multimodal heritage researchers
We will also specifically **target multimodal heritage researchers** to widen the RI user base when organizing training workshops and conducting explicit user monitoring.

D:5.1.3 Evidence-based infrastructure development
We will **launch a recommendation system** based on log data in collaboration with the National Library of Finland. Openly available through GitHub, the recommendation system will be easily extensible to comparable log files of other digital libraries, opening an avenue to apply it to other resources of the RI to facilitate implicit user monitoring of the facility.

We will also **conduct interviews** with RI users (focusing first on Kielipankki – The Language Bank of Finland); **collect user experience questionnaire data** from arranging training workshops with researchers on different RI tools and data; and **organize participatory workshops** to develop best practices for improving services related to the facility (focusing first on social sciences and humanities research data management).
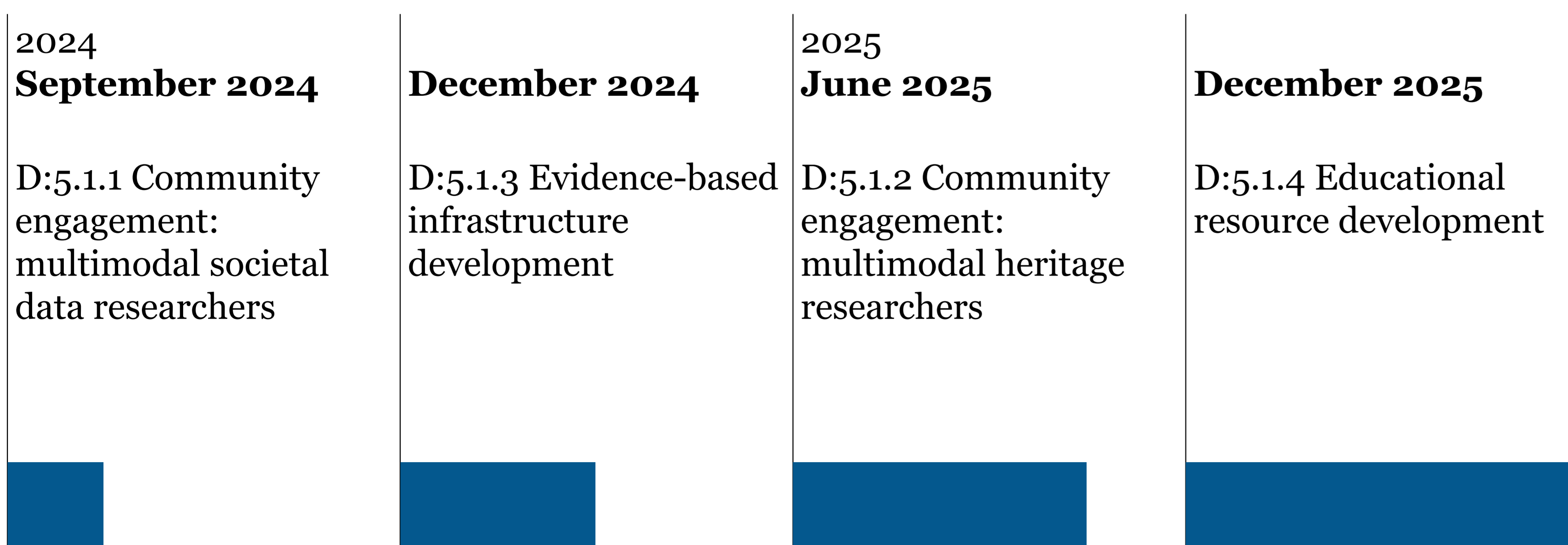
D:5.1.4 Educational resource development
We will **collect and circulate educational materials** relevant for sucessfully using the tools and data of the RI. We will also **host training workshops** for researchers on the resources of the facility in collaboration with other WPs, where best practices for organizing this type of events in a more systematic way will be developed.

FUNDING

For more information about the 2022/23 period, please visit the Module 5 subsection at:
https://www.kielipankki.fi/organization/fin-clariah/deliverables/#period2223

2024 **September 2024**	**December 2024**	2025 **June 2025**	**December 2025**
D:5.1.1 Community engagement: multimodal societal data researchers	D:5.1.3 Evidence-based infrastructure development	D:5.1.2 Community engagement: multimodal heritage researchers	D:5.1.4 Educational resource development

Timeline

Tampere University   DARIAH-FI   KIELIPANKKI The Language Bank of Finland   FIN-CLARIN