

Metadata form of Silva Fennica article Viljanen A., Kurttila M., Toppinen A. (2024). Retrofitting urban areas with wood: the origin of new projects in an emerging business ecosystem. Silva Fennica vol. 58 no. 4 article id 23068. <https://doi.org/10.14214/sf.23068>

This form is designed for writing the elements of metadata, which are used in the description of research materials such as data and codes. The form is based on the work done in the Work Group “Description of research materials” under the Finnish Open Science Coordination.

Item	Description	Responsible
<i>Name of the data / code</i>	Data set 1) Puurakentamisen uudis- ja korjausrakentamisen kohteiden toimijat ja esiintyvyys, in English: wooden new and retrofit construction sites actors and occurrence Data set 2) Liiketoimintaekosysteemit - haastatteluaineiston koodaus ja kategorisointi, in English: Business ecosystems – coding and categorizing the interview data	Author
<i>Author & ORCID</i>	Anne Maria Katriina Viljanen https://orcid.org/0000-0001-7166-8022	Author
<i>Authors' affiliation(s)</i>	University of Helsinki, https://ror.org/040af2s02	Author
<i>Owner of the material</i>	Project 1335241 Decarbon-Home	Author
<i>Publisher</i>	University of Helsinki, https://ror.org/040af2s02 Project 1335241 Decarbon-Home	Author
<i>Funder</i>	University of Helsinki, https://ror.org/040af2s02 Project 1335241 Decarbon-Home	Author
<i>Description</i>	The aim and objectives of the materials was to gather information on the rare phenomenon of wooden retrofits on regular multi-story buildings and especially and especially business actors initiating these projects. The components of the material are twofold: 1) data on the existing WMC and wooden retrofit projects and the affiliated actors in Finland and 2) qualitative interview material of 27 anonymous interviewees. The research object was the actor networks of the wooden retrofit projects and early decision making by the actors. Unit of observation was organizational level.	Author
<i>Methods</i>	Initially, the existing WMC and wooden retrofit projects and the affiliated actors in Finland were mapped. Vertically, the quantitative database included project names, geographical locations (municipality in Finland), progress stages (completed, building phase, or planned), year of project completion or estimated project completion, and the reference. Horizontally, it included the names of the affiliated actors and the roles of these actors in the projects as mentioned by media sources (e.g., builder, wooden part producer, architect, city). Project by project, each of the actors mentioned by the media sources were given a value of either 1 = actor involved in the project or 0 = actor not involved in the project. The data was stored in Excel. The information collected in the initial phase of mapping the relevant projects and actors were used in the second phase of qualitative interviews as the initial data guided the interviewee selection. Qualitative interviews were conducted with 27 interviewees. This data was coded and categorized by using Atlas.ti software and also Excel as a supportive tool. The research questions guided the coding and categorization, and the focus was on wooden retrofit actors, initiation phase of the wooden retrofit projects and the related early decision making.	Author
<i>Variables</i>	This is a qualitative data set, hence no variables for coding.	Author
<i>Author keywords</i>	wood construction, business ecosystem, actors	Author

<i>Vocabulary keywords (community standard)</i>	Does not apply	Author
<i>Discipline</i>	4112 Forestry	Archive/Repository/Publisher
<i>Type of material</i>	Mapped projects and actors, anonymous interviews	Author
<i>Language</i>	fin	Author
<i>Time range covered</i>	2003 – 2022.	Author
<i>Geographic region</i>	FIN	Author
<i>Version</i>	-	Author
<i>File format(s)</i>	Interview audio: MPEG-1 Audio Layer 3 format (.mp3) Interview transcripts and fieldnotes: text (UTF-8) format, Microsoft Word document format (.docx) Mapping of projects and actors & codes and categories of interviewed data: Microsoft Excel Format .xlsx	Author
<i>Availability of the materials (open, embargo, registration, limited, registration required)</i>	Due to promised anonymity to interviewees, original interview data cannot be disclosed.	Author
<i>Justification for access restrictions</i>	Not available due to promised confidentiality to interviewees. Dataset on listing projects. accessible by the request to the corresponding author.	Author
<i>Licence</i>	Does not apply due to promised confidentiality.	Author
<i>Connections with other research materials</i>	No	Author
<i>Access to the connected research materials</i>	The dataset 1 will be made available on the request to the corresponding author.	Author
<i>Codes only: hardware/software requirements for running the code</i>	Does not apply.	Author
<i>Connections to other products of research</i>	Viljanen, A., Lahntinen, K., Kanninen, V. & Toppinen, A. (2023): A tale of five cities: The role of municipalities in the market diffusion of wooden residential multistory construction and retrofits. Forest Policy and Economics, vol. 153 (2023), 102991 https://doi.org/10.1016/j.forpol.2023.102991	Author
<i>Personal data</i>	Decarbon-Home project, material will be deleted after project span.	Author
<i>Confidential or secret data</i>	Promised anonymity of interviewees requires keeping qualitative interviewee data within project. Data will be deleted after the end of project 30.9.2026.	Author
<i>Publication date</i>	-	Archive/Repository/Publisher
<i>Preservation policy</i>	Material preserved internally during project span until 30.9.2026.	Author
<i>Permanent identifier (PID)</i>	Does not apply.	Archive/Repository/Publisher