# **Supplemental material 3 - Data Coding Sheet**

The following information were extracted from articles included after Full Text screening, and will be presented in a summary table.

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| Template for the below data coding sheet:  **Section for Data Extraction**   1. The Type of Data Extracted    * *Any further explanation on the data extracted*    * Option 1 (if applicable)    * Option 2 (if applicable), etc. |

**Bibliographic Information**

1. Full Reference
2. DOI
3. Year Published
4. Title of Article/Chapter
5. Title (Journal, Book, Report, Thesis)
6. Type of Publication
   * Peer-Reviewed Article
   * PhD Dissertation
   * Master's Thesis
   * Report (Government, NGO, Consultant)
   * Proceedings/Conference Paper
   * Workshop Summary
   * White Paper
   * Book
   * Other

**Description of LL(s)**

1. Country
2. Sector
   * *Sectors based off* [*ENoLL*](https://enoll.org/network/living-labs/) *; Agriculture and Environment added as custom sectors specific to our project*
   * Health & Wellbeing
   * Smart Cities & Regions
   * Culture & Creativity
   * Energy
   * Mobility
   * Social Inclusion
   * Social Innovation
   * Government
   * Education
   * Agriculture
   * Environment
3. How is LL defined?
4. Extent of evaluation discussed
   * Authors only mention evaluation
   * Authors discuss how evaluation will be done
   * Authors discuss how evaluation has been done
5. Level of evaluation
   * *Following Schuurman's macro/meso/micro levels of living labs. Macro is equivalent to organization or network; meso is an individual lab or project; micro is the individual activities taking place in a living lab*
   * Macro
   * Meso
   * Micro
6. Functioning vs impact - what's being evaluated... how well the living lab processes are functioning or what the actual impacts of the lab are. We talked about this earlier in terms of direct/indirect effects. Is the lab being evaluated directly or is it's effectiveness being evaluated by some downstream/indirect proxy for performance? (I don't think I have the right word here but maybe you see what I'm getting at)
7. Who is doing the evaluation
   * Self-evaluation
   * Partner
   * External
   * Independent
8. What role do the evaluators play in the LL
9. Purpose of the evaluation
   * Improvement
   * Deliverable to Funder
   * Academic Research Project
   * Other
10. Timescale
    * Snapshot
    * Series of analyses over time
11. Maturity
    * *How long has the LL been running before being evaluated?*
12. Projected Outcomes
    * *How long for certain effects to be seen?*
13. Are post-evaluations discussed?
    * *E.g., changes to the lab*
    * Yes
    * No
14. If yes, what post-evaluations are discussed?

**Living Lab Indicators**

1. Indicators of effectiveness (both quantitative and qualitative) - i.e. what was it that made it effective?
2. Metrics used for evaluation (must be measurable) - i.e. what was used to measure the effectiveness (qualitative and quantitative)
3. Factors enabling effectiveness/impact
4. Challenges/barriers to effectiveness/impact

**Knowledge Gaps**

1. Are knowledge gaps discussed?
   * Yes
   * No
2. If yes, what knowledge gaps are discussed?
3. What future considerations on knowledge gaps are discussed?

**Social Impacts/Sustainability**

1. Are social impacts discussed?
   * Yes
   * No
2. If yes, what is discussed for social impacts?
3. Is environmental/agricultural sustainability evaluated?
   * Yes
   * No
4. If yes, which is evaluated?
   * Environmental sustainability
   * Agricultural sustainability
   * Both environmental and agricultural sustainability
5. If yes, how is sustainability evaluated?