Application written: XX-XX-20XX

# Application hsb living lab:

# Project Title

**Remove all green text prior to submitting your application. Mail the application to madelaine.doufrix@hsb.se**

**Replace all pink text with your own description of the project according to the instructions.**

##### Part 1 - Project data

Project title: Project title

Date of the planned start of the project: XX-XX-20XX

Date of the planned completion of the project: XX-XX-20XX

Partners from HSB Living Lab[[1]](#footnote-1) participating in the project: Organisation name

Project manager: org, name, contact details

Any amount applied for from HLL research fund: SEK XX

Total project budget: SEK XX

##### Part 2 – Summary and purpose

###### Summary

Write a brief summary of the project you wish to carry out in HSB Living Lab

###### Project hypothesis

Describe the project hypothesis For example, “Problem X results in Y. By testing/developing/researching Z in this project we believe we will get this result /find out this / these insights.”

###### Purpose and goal of the project

Describe the purpose and goal of the project

##### Part 3 – Implementation

Project implementation and activities: Describe the implementation which and activities that will take place in the project that are to be performed within the framework of the project

Add the activities that are to be performed below

|  |  |  |
| --- | --- | --- |
| Description of the activity included in the goal | Responsible | Period/date |
| Provide a concise description of the content and goal of each activity, for example: gathering data, interviews, test 1, test 2, report writing, etc. One activity per row. Add further rows as required. | Project manager, sub-contractors, etc. | Weeks 3-10, 2018 |
| Activity… |  |  |
| Activity… (add further rows as required) |  |  |

* Organisation.

Describe how the project is organised (project manager, possible steering group, project group, reference group, etc.).

State companies, organisations and other stakeholders who will participate in the project.

##### Part 4 – Intelligence studies

* In what way does the project contribute towards tomorrow's sustainable living? Describe in brief.
* Degree of innovation: Describe in brief the degree of innovation of this project.
* Similar projects: Have similar projects been undertaken? Where, when, result?
* Business case/market potential: Describe in brief the project based on business case/market potential

##### Part 5 – Utilization of infrastructure in the research arena HSB Living Lab

We welcome projects that utilize the unique opportunities of the HSB Living Lab arena, such as the possibilities to extract sensor data, research in a real environment, rebuild and experiment, etc.

1. Desire of sensor data

Read more about which sensors and data are available at https://www.chalmers.se/sv/forskningsinfrastruktur/hll/resurser/Sidor/default.aspx . If you wish to utilize sensor data, describe the type of sensor data you would like, from where in the house you wish to collect it from and how you want to use it?

1. Interact with the residents

Will your project interact/impact on the residents in any way? Describe how.

1. Rebuilding, installation and test of the physical environment

Will your project impact in any way on the physical environment in or outside the building? If so, describe how.[[2]](#footnote-2)

1. Possibility of A and B tests

Will your project utilize the possibilities of testing between the 4 identical clusters? If so, how?

1. The infrastructure and property system

Will the project utilize other infrastructure in HSB Living Lab, for example, the boiler room or interact with property staff (caretakers, administrators, cleaners, postmen, etc.)? If so, how?

##### Part 5 – Potential for further projects

If there are already ideas for future phases or projects that can add to this project, please describe them here. Note that these phases will not be taken into consideration during the decision but will be seen as valuable information for the future.

##### Part 6 – Budget

Project’s total budget: SEK XX

Grant applied for from HSB Living Lab’s research fund: SEK XX (specify these in the table below)

External funds: If applications for funds from other financiers have been made, describe from where and if the funds have already been decided, alternatively when the decision is expected.

|  |  |  |
| --- | --- | --- |
| **Expenditure items** | **Total amount  per item** | **Of which is applied for from HSB LL fund** |
| Wage costs  (specify amount of hours and rate) | SEK XX | SEK XX |
| Materials, equipment | SEK XX | SEK XX |
| Travel | SEK XX | SEK XX |
| User fee sensor data3 | SEK XX | SEK XX |
| Costs for rebuilding, work on the building  incl. building project management, etc. | SEK XX | SEK XX |
| Restoring of the above | SEK XX | SEK XX |
| Communications | SEK XX | SEK XX |
| Other costs  (specify on several rows if necessary) | SEK XX | SEK XX |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **Total budget** | **SEK XX** | **SEK XX** |

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1. Refers to any of HSB Living Lab’s 12 long-term partners; HSB, Chalmers, Johanneberg Science park, Göteborg Energi, White, Tieto, Electrolux, PEAB, Vedum, Bengt Dahlgren, Elfa, Akademiska Hus. [↑](#footnote-ref-1)
2. *All projects that impact on the building in any way are responsible for the costs that arise for rebuilding, as well as restoration after completion of the project. Include this in the budget.*

   *3 Use our budgeting tool:* [*https://data.hll.chalmers.se/project-calculator*](https://data.hll.chalmers.se/project-calculator) [↑](#footnote-ref-2)