**Project title (English, max 50 characters)**

|  |  |
| --- | --- |
| **Version** (No. or date): | Your text here… |
| **Main thematic area:** | Your text here… |
| **Other thematic areas:** | Your text here… |
| **Project type:** | * Choose one of the following:  Pre study * Research project (Study) <2 years * Research project (Study) >2 years |
| **Project manager:** (including contact details) | Your text here… |
| **Project:** | Choose one of the following: PhD Postdoc Senior Researcher Theme Researcher Mixed Senior/PhD |
| **PhD Student in the project?** | Yes No |
| **PhD student name:** (including contact details) | Your text here… *If the project involves a PhD student.* |
| **Extent of participation:**  (% of full-time & estimated hours) | Your text here… *If the project involves a PhD student.* |
| **Supervisor(s):** (including contact details) | Your text here… *If the project involves a PhD student.* |
| **Industrial partners:** | Your text here… |
| **Main university partner:** | Your text here… |
| **Other partners/organisations:** | Your text here… |
| **SEC – Cash funding:** | Your text here… |
| **Industrial contribution:** (in-kind) | Your text here…  *Describe the industry's contribution in words and enter in-kind in SEK.* |
| **Academic contribution:** (in-kind) | Your text here…  *Describe the academy's contribution in words and enter in-kind in SEK.* |
| **Duration:** | Your text here… |
| **Continuation of previous projects:** | Your text here…  *Indicate whether the application relates to a continuation of previous SEC-funded projects, and if so, which one (s).* |

*Application for:*

* *Pre-study max 5 pages excl front page*
* *Research project (Study)<2 years max 10 pages excl front page*
* *Research project (Study)>2 years max 15 pages excl front page*

**All sections of the application must be considered, and no headings are to be removed, except when applying for pre study)**Remove all red text before submitting the application.

## Sammanfattning

Sammanfattning på svenska…

*The summary must not exceed half a page.*

## Summary

Write your text here…

*The summary must not exceed half a page.*

*The summary must state*

* *Which problem is to be solved (why the project needs to be implemented)*
* *What has been done*
* *What the project has achieved and for which user*
* *How it contributes to electric and hybrid vehicle technology and industry*
* *What other parties have been involved in the project (if any)*
* *The period during which the project has taken place and at what cost*

## Background

Your text here…

*Give the reader a short background, providing among other things the following information*

* *The problem(s) or need(s) to be solved as well as their extent*
* *Description of hypotheses/research questions*

## General project description

Your text here…

*Describe how the problem you are dealing with has been solved and what has been done. Try to create a common thread in your text in continuation from the previous section. Where relevant, describe the methods and approaches used.*

*Describe sub-projects if any.*

## Swedish Electromobility Centre Relevance

### Objectives

Your text here…

*Describe why the project is relevant for Swedish Electromobility Centre.*

*Describe how the project contributes to one or several of the Centre’s targets and in what way it supports or complements the Centre’s roadmap for the thematic area in question.*

*Specify, if possible, concrete and measurable targets for the project (e.g. reduced energy consumption by x%).*

*Describe how the project will be evaluated/followed up against targets.*

### Expected results

Your text here…

*Describe the expected results, and which actual “deliveries” the project will contribute. These might be, for example:*

* *Developing methods or models*
* *Building competence*
* *Developing prototypes*
* *Licentiate or doctoral thesis*
* *Demonstrations*
* *Publications and conference contributions (reviewed)*

## Execution

**Open source code   
Yes / No**If yes, specify here…

*You must specify if you are using open source, or not. I must be stated in the application to be approved by the Programme Council and the project partners. If this is not filled in correctly we will not be able to consider your application.*

### **Project content**

Your text here…

***Prestudies:***

*Give a short description of the content and structure of the project. Divide the project in work packages if relevant. Part of the content should be devoted to disseminating information about the project by participating in theme group activities.*

***Research Projects*** *(except prestudies)****:***

*Give a more detailed comprehensive description of the contents of each activity/work package and explain who does what. Include research activities incl. interim and final deliveries and resources linked to the deliveries. Also include planned publications. It is a good idea to use a set-up as shown below:*

|  |  |
| --- | --- |
| **WP X – <Name of activity/work package (WP)>** | |
| **Leader**  (role & responsibility) | Your text here… |
| **Other participants**  (role & responsibility) | Your text here… |
| **Content description** | Your text here… |
| **Method/approach**  (where relevant) | Your text here… |
| **Delivery** | Your text here… |

### **Scheduling**

Your text here…

*Describe the project schedule showing key activities/work packages and milestones and when the different deliveries can be expected, including start and end.*

***For research projects*** *(except prestudies) the following should be included:*

* *Starting point*
* *Research deliveries*
* *Communication of results during the project*
* *Reference group meetings (3–4 per year)*
* *Written final report*
* *End point*

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Description** | **Date** |
| M1 |  |  |
| MX |  |  |

### **Project participants**

#### **Researchers (affiliation & role)**

Your text here…

#### **Industry participants (affiliation & role)**

Your text here…

### **Gender equality**

Your text here…

*Describe the project group (excluding reference group) in terms of number of males/females, how many % of female vs male, how the funding is distributed, etc. Please note: It is not expected that each project is gender equal, however this information is relevant for the Centre as a whole.*

## Project Finance

### **SEC funding**

Your text here…

*Enter funds needed, any distribution between different groups, industrial in-kind to the project (what, company and value). Use the table below.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Part** | **Year** | **Cost Category\*** | **Cash Budget** [SEK] |
| *University 1* | *2019* | *Salary costs* | *xxxxxx* |
|  | *2020* |  |  |
|  | *2021* |  |  |
|  | *2022* |  |  |
| **Total** | | |  |
| *University 2* | *2019* | *Salary costs* | *xxxxxx* |
|  | *2020* |  |  |
|  | *2021* |  |  |
|  | *2022* |  |  |
| **Total** | | |  |
| **TOTAL BUDGET FOR PROJECT** | | |  |

*\* Choose between salary costs, consulting costs, laboratory costs, equipment, materials, travel, indirect costs, other.*

### **In-kind**

The project plans to be co-financed by academic and industrial partners, as follows.   
*Use the table below.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Part** | **Specification** | **Cost Category\*** | **Value** [SEK] |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*\** *Choose between salary costs, consulting costs, laboratory costs, equipment, materials, travel, indirect costs, other.*

## Utilization of Project Results

Your text here…

*Describe how the expected results will be applied and used both within and outside the participating companies, agency, universities and institutes.*

* *How will the project results be disseminated?*
* *Are there any connections to other projects that can accelerate the introduction of new solutions or cause a greater impact from the project?*
* *Does the project lead to new knowledge or to existing knowledge being implemented in a new context?*

## Uniqueness & News Value

Your text here…

*Describe the uniqueness and news value within the area in question, e.g. that new knowledge is produced, or that existing knowledge is implemented in a new context, and how it relates to the international knowledge front.*

## Reference Group

Your text here…

*The reference group must at least include one named individual from each partner in the project. Handling of background, ownership and access rights, publication and confidentiality for the project partners is regulated in Swedish Electromobility Centre’s main agreement (which you can find appended in “project information” document)*

*The reference group can also in exceptional cases include co-opted individuals from other Swedish Electromobility Centre partners, not participating in the project, if background, ownership and access rights, publication and confidentiality are regulated.*

*Other expertise from organizations that are not partners of Swedish Electromobility Centre can be co-opted to the reference group. These are counted as third parties (see “Project information” document). The group shall have a chairman/convener whose task it is to guard and monitor the project's purpose and goals according to the project plan.*

*Similar projects could for efficiency use the same reference group.*

|  |  |
| --- | --- |
| **Regular Members** | |
| *Company/University* | *Name* |
|  |  |
|  |  |
| **Co-opted Members** | |
|  |  |
|  |  |
|  |  |

## Collaboration

Your text here…

*Describe whether the project is part of a larger cluster or whether some form of collaboration is planned with other projects within or outside Swedish Electromobility Centre.*

*Delete the section “Collaboration” if it is not required.*

## Miscellaneous

Your text here…

*Delete the section “Miscellaneous” if not required.*

## References

*List your references (scientific publications, monographs, conference articles etc).*

*Delete the section if not required.*