## **Project title and acronym**[[1]](#footnote-1)

### Project participants:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name**  | **Organisation/company** | **Gender** | **Extent of work in project (% of full time)** |
| 1 | Project manager |  |  |  |
| 2 | nn |  |  |  |
| 3 | nn |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
|  |  |  |  |  |

**Project coordinator:** <first name last name>

**Project duration:** <2017-11-xx> – <End date>

**Requested funding:** <SEK> (maximum 8 MSEK)

**Selected Produktion2030 area(s) of strength:** (Maximum two areas of strength**)**

**Project summary:** (less than 1500 characters)

**Produktion2030 call for Test bed projects**

The Swedish government focuses on *Testbed Sweden*, a national initiative to strengthen Swedish industry's competitiveness, as well as to distribute knowledge and development resources across the country.

Produktion2030 strengthens Testbed Sweden by announcing SEK 50 million for test bed projects, which will be a part of the national network **Testbed Smart Production**.

The expected effect goals are to:

* increase the competitiveness of Swedish industry;
* increase the Swedish manufacturing industry's use of test beds for testing new production methods, production systems and production technologies;
* utilize already existing test bed environments, laboratories or advanced test equipment at Swedish industry, academy and institute;
* establish a network of openly available test beds in Sweden; and
* increase the digitalisation of Swedish manufacturing industry.

Project proposals for this **Testbed Project Call** should (all criteria must be met):

* clearly describe **what** to test, i.e. which functionality, production methods, production systems, production techniques etc.;
* clearly describe **why** this test(s) is important for Swedish industry;
* clearly describe **where** and **how** the tests are to be carried out.

The project should include (all criteria must be met):

* close collaboration between industry, academia and research institutes;
* utilization of an existing (a) test bed environment (s);
* creation of a digital/virtual model of the test bed environment The model should allow the test bed environment (and its functionality) to be visible and accessible to others outside the consortium, via the Internet;
* a clear focus on one or two of the produktion2030's six strength areas; and
* wide dissemination of results from the project (outside project consortium)

In addition, it will be positive for the assessment if the project will create connectivity of test bed functionality (sensors, cameras, etc.) to externally available Internet, in order for project members and other actors outside the consortium to interact with the project.

The call 's total budget is SEK 50 million. Projects can be funded with a maximum of SEK 8 million. Vinnova's contribution can amount to a maximum of 40 percent of the project's total eligible cost. The remaining part of the project's cost will be financed through the efforts of companies or other non-public actors.

Produktion2030's six strength areas describe important challenges for Swedish industry. Digitalisation and sustainability are two key and transversal challenges for Produktion2030. This call is primarily focused on digitalisation. More information at [www.produktion2030.se](http://www.produktion2030.se). *Further detailed information in Chapter 6 of the Call text.*

**Please use the following proposal template, including sub-chapters**

*The proposal should be written in English. This attachment may not exceed 10 A4 pages, use Times New Roman 12 points, do not change the margins. The document should be attached as a supplement to the application form in Vinnova's User Portal. Use the headings below and fill in the requested content. Make sure you describe what is requested and then remove the instruction in italics under each heading.*

# Potential

* Effect Goal(s)

*Describe how the project contributes to the call’s stated effect goals and Produktion2030’s effect goals.*

* 1. **State-of-the-art**

*Describe the state-of-the-art in the area.*

* 1. **What (will be tested)**

*Describe what will be tested.*

* 1. **Industrial need**

*Describe the industrial relevance and your industrial partner’s need for planned tests.*

# Actors

* 1. **Who (will test)**

*Describe the project consortium and how competence, management, roles and resources match project goals Please use Partner involvement chart (4.1) below.*

* 1. **Collaboration**

*Describe the collaboration between industry, academia, and institutes.*

*Please use Work package/GANTT chart (4.2) below.*

* 1. **Equality**

*Describe how the proposal addresses equality in the project*

* 1. **Where (will the tests be performed)**

*Describe how existing test bed environment/facilities/equipment will be used.*

# Feasibility

* 1. **How (will the tests be performed)**

*Describe the methods that will be used for testing in the testbed environment.*

* 1. **Digital model**

*Describe how you will develop the required* ***digital model*** *(”digital twin”) that will allow visualization and external access to the test bed environment outside the consortium.*

* 1. **Impact and Dissemination**

*Describe the project’s activities leading to impact and broad dissemination of project results outside the consortium.*

# Project management

* 1. **Work Package Description**



* 1. **GANTT chart**



* 1. **Budget**

|  |  |
| --- | --- |
| **Total budgeted costs** | **SEK** |
| Personnel costs |  |
| Equipment |  |
| Consultancy costs, licenses, etc. |  |
| Other direct costs incl. travel costs |  |
| Indirect costs |  |
| **Total costs** |  |

* 1. **Risk management table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identified risk** | **Probability** Low/High | **Potential consequence** | **Activity to manage risk** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. *Proposal assessments will be made by international experts, so English is recommended. Further content details may be found in the national production research agenda, “Made in Sweden 2030* [*http://www.produktion2030.se*](http://www.produktion2030.se) [↑](#footnote-ref-1)