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

### Project participants:

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

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

**Project duration: <Start date> – <End date>**

**Funding applied for: <SEK> (maximum 8 MSEK)**

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

**Project summary:** (Times New Roman, 12 p, maximum 1500 characters)

*The project summary may be published and distributed*

### Background and how to apply 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**.

**Expected effect goals:**

* 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.

**Criteria for the project proposal (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 must contain:**

* 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 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, the project should try to create connection 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)

**Template for project proposal, including sub-chapters:**

# Potential

## Effect goals

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

## State of the art

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

## What will be tested

Describe **what** will be tested

## Industrial requirements

Describe the **industrial relevance and need** for planned tests

# Actors

## Who will be conducting the tests

Describe the project **consortium** and how competence, management, roles and resources **match project goals** *Please use Partner involvement chart (2.1) below*

## Collaboration

Describe the collaboration between industry, academia, and institutes.

Please use Work package/GANTT chart (4.2) below

## Equality

Describe how the proposal addresses equality in the project

## Where will the tests be performed

Describe how existing test bed environment/facilities/equipment will be used in project

# Feasability

## How will the tests be performed

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

## Digital model

Describe the development of the digital model (”digital twin”) that will allow visualization and external access to the test bed environment outside the consortium

## Risk management

Describe risks, consequences and risk management activities

## Impact and dissemination

Describe activities leading to impact and broad dissemination of project results outside the consortium

# Project management

## Work packages



## GANTT chart



## Risk management

|  |  |  |  |
| --- | --- | --- | --- |
| **Identified Risk** | **Probability** Low/high | **Possible consequences** | **Actions to minimize risks** |
|  |  |  |  |
|  |  |  |  |

# Budget

|  |  |
| --- | --- |
| **Costs** | **SEK** |
| Personell |  |
| Equipment |  |
| Other direct costs, including travels  |  |
| Consultants, licenses |  |
| Indirect costs (overhead) |  |
| **Total costs** |  |

1. *Proposal assessments will be made by international experts, therefore 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)