**"Knowledge Hub Aichi Priority Research Project V"**

(Form 1)

**Research Theme Proposal**

September 2025

Governor of Aichi Prefecture Hideaki Omura

(Representative Body)

address

Name of Organization

Name of Representative

(Contact)

affiliation

Title and name

The following is a proposal for the research themes related to the Aichi Priority Research Project V.

record

1 Title of Research Theme

|  |
| --- |
| (up to 50 characters) |

2 Research Summary

|  |
| --- |
| (up to 200 characters) |

Details of the research outline are shown in the PowerPoint document (Form 2).

3 Fields of application

Please fill in the fields that you think are applicable from the four fields (if you are spanning multiple fields, select “◎” for the main field and “○” for the other fields, and select one for each).

|  |  |  |  |
| --- | --- | --- | --- |
| Manufacturing |  | health care |  |
| Agri Fish |  | Carbon Neutrality |  |

4 Research Themes

 　Please enter“〇” in one of the following (duplicates are not allowed).

|  |  |  |  |
| --- | --- | --- | --- |
| Challenge Frame |  | Practical Frame |  |

5 Goals

 　Please enter only one“〇” in the target Technology Maturity Level (TRL) for the research period.(If there are multiple TRLs for each development targets, please judge comprehensive.)

|  |  |  |  |
| --- | --- | --- | --- |
| TRL9 | industrialization | mass production |  |
| TRL8 | Completion and verification of the system |  |
| TRL7 | actual proof | Top User Testing |  |
| TRL6 | Demonstration |  |
| TRL5 | Applied Research & Development | Demonstration |  |
| TRL4 | Demonstration of technology at the laboratory level |  |
| TRL3 | Experimental proof of technical concepts |  |
| TRL2 | basic research | Formulation of principles and phenomena |  |
| TRL1 | Elucidation of basic principles and phenomena |  |

6 Participating Organizations

(1) Research Leader

|  |  |
| --- | --- |
| Name of Organization |  |
| location |  |
| Name of Representative |  |
|  |  |
| Affiliation and Position |  |
| identity |  |
| Phone/E-mail |  |
| classification(enter “○” to any of them) | university | R&D Institutions, etc. | large company | Medium-sized companies | smaller companies | startup |
|  |  |  |  |  |  |

(2) Commercialization Leader

|  |  |
| --- | --- |
| Name of Organization |  |
| location |  |
| Name of Representative |  |
|  |  |
| Affiliation and Position |  |
| identity |  |
| Phone/E-mail |  |
| classification(enter“○”to any of them) | University \* | R&D Institutions, etc. \* | large company | Medium-sized companies | smaller companies | startup |
|  |  |  |  |  |  |

\* Only in cases where the development target is based on the assumption that the public and private sectors will work together for practical application or commercialization, the commercialization leader can be either a university, R&D institute, or company.

Annotation : If there are more than one, please copy the above table and add it below.

(3) Research Participating Organizations

|  |  |
| --- | --- |
| Name of Organization |  |
| location |  |
| Name of Representative |  |
|  |  |
| Affiliation and Position |  |
| Name of the main participant |  |
| Phone/E-mail |  |
| classification(enter“○”to any of them) | university | R&D Institutions, etc. | large company | Medium-sized companies | smaller companies | startup |
|  |  |  |  |  |  |

\* Please fill in the main participants per organization.

\* If there are more than one, please copy the above table and add it below.

7 Hands-on Support

In principle, all selected themes for the Challenge and Practical Frames are eligible for selection for support by a third-party organization. Based on the selection of third-party organizations, about 10 projects will be selected with priority given to practical frames. Please indicate whether or not you would like to recieve hands-on support.

|  |  |
| --- | --- |
| Hands-on hope | Yes / No |

　　Please describe the reasons and circumstances why you do not wish to receive hands-on support or why it is difficult to receive hands-on support.

|  |
| --- |
|  |

8 Use of “Knowledge Hub Aichi” laboratory

Startups belonging to the research team will provide laboratories (1 room/company in principle) for the duration of the research based on their request or by lottery (free of rent, but on the premise that researchers are always present). In addition to startups, laboratories may be provided on the condition that researchers are always present (see Appendix 2 (Laboratory Specifications) of the Application Guidelines). Please indicate whether or not you would like to use the laboratory.

|  |  |
| --- | --- |
| Wish to use | Yes / No |

There are permissible conditions for laboratories (size, equipment weight, mechanical vibration, etc.). In order to use it as a reference for allocation, etc., please fill in the purpose of use and requests (such as requesting two rooms next to each other) (there is a possibility that it will not be as desired).

|  |
| --- |
|  |

9 Use of the Empirical Research Area

An empirical research area has been established on the premises of Knowledge Hub Aichi, which is a research and development base for manufacturing technology, to provide a place for demonstration research, and it will be provided free of charge by adjustment at the request of the teams participating in this project (It may not be available depending on the adjustments).

Please indicate whether or not you would like to use the empirical research area.

|  |  |
| --- | --- |
| Wish to use | Yes / No |

In order to use it as a reference for allocation, etc., please fill in the period of use, purpose of use, area of use, and requests (there is a possibility that it will not be as desired).

|  |
| --- |
|  |

10 Status of applications for competitive funds from the national government and subsidies from local governments

For each project name, please indicate the name of the research project, the duration of the research, the role, the amount of the research fund received by the researcher, and the effort of the research leader and the principal collaborator regarding the grants received by the national government or subsidies from local governments (hereinafter referred to as "grants, etc.") that the research leader and principal collaborators are currently receiving, applying for, or planning to apply for. If the information entered is different from the facts, it may be canceled at a later date even if it is adopted. In addition, if the research theme to be applied for in the Priority Research Project Phase V (hereinafter referred to as "Phase V") is the same or similar in the research and development content of the grant that has already been adopted, it is not possible to apply in Phase V.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Where to apply | Name of Grant Project | Title of Research Project | Research Period | role | Research Expenses Received by Individuals | Effort (%) |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

\* If you have applied for more than one, please copy the table above and add it below.

1. Please fill in the information about the grants you are currently receiving or have been selected for, in order of the amoun of research funds you receive (for the entire period). After that, please fill in the information about the grant you are applying for or planning to apply for (please specify "(in application)" in the "Project name" column). ）
2. "Role" should be a representative or a share of the role.
3. Please describe the amount of research funds you are receiving in the "Research Expenses" section.
4. "Effort" should include 100% of the total work time per year, of which the percentage of time required to conduct the research should be described. Please describe the effort you would make if you assumed that you would be selected for this project, and if you are applying for it, please describe your effort if it is adopted.