

「Announcement on technology demand survey to discover AI autonomous manufacturing support fields

:: In accordance with Article 17 of the Common Operation Guidelines for Industrial Technology Innovation Projects (Discovering Support Fields for Each Project), we provide guidance on the technology demand survey to discover AI autonomous manufacturing

▶ Technology demand survey overview

- A. **(Purpose)** 「AI autonomous manufacturing」, technology demand survey between industry, academia, and research institutes to discover support fields
- B. **(Survey items)** Name of proposed technology, technology overview, need for technology development, development goals and contents, etc.
- C. **(Survey target)** 'AI autonomous manufacturing-related core technologies (AI, machines, robots, equipment, SW, standards, etc.)
 - **(Concept)** Promoting manufacturing process and production system innovation to realize AI autonomous manufacturing
 - *AI autonomous manufacturing: process innovation(equipment innovation + industrial AI convergence) + production system innovation → manufacturing automation

▶ Eligibility to propose a technology demand survey

- Person or individuals belonging to companies, universities, research institutes, academic societies/associations, etc. who are interested in and willing to participate in the 「AI autonomous manufacturing」 field.

▶ Technology demand survey and electronic application period

A. Technology demand survey period: 2024.4.2 (Tue)~4.16 (Tue)

- After completing the technology demand survey, you can register electronically at ROME (<https://rome.keit.re.kr>).

※ Access the Industrial Technology R&D Information Portal (<https://rome.keit.re.kr>) and go to "R&D Planning Participation" → "Opinion Proposal" → "Demand Survey" and receive opinions in the relevant notice.

※ The technology demand survey form can be downloaded from the attached file or website.

▶ Things to keep in mind when writing

:: Key items to consider when proposing a technology demand survey include the name of the proposed technology, technology trends, development goals and contents, need for support, and ripple effects.

:: In order to prevent duplicate investments in the national budget, projects that have already been supported as technology development projects for government R&D projects are excluded.

※ Please search for redundancies in technologies proposed by the National Science and Technology Knowledge Information Service (www.ntis.go.kr) focusing on major keywords and submit only if you determine that there are no redundancies.

:: The following cases are excluded from use.

- If the electronic application has not been completed or the demand survey proposal has been submitted after the application period.

- When submitting through an individual method rather than through the website

※ Example) When submitting a technology demand survey through visit, mail, or email, etc.

- If relevant data such as the attached file (demand survey proposal) is omitted, or if the technology demand survey form is submitted in a format other than the attached technology demand survey form.

:: This demand survey does not select new support projects, but rather collects opinions, so there is no objection process for the project discovery results.

:: All submitted documents will not be returned and will only be used as reference material for discovering new tasks for this project.

- Submitted content may be disclosed or shared with third parties, such as relevant experts, to the extent necessary for review and utilization of proposals.

※ For the above-mentioned third parties (experts, etc.), we require a security pledge regarding legal and institutional security maintenance obligations.

- The proposer cannot claim rights regarding the proposed technology demand.

▶ Contact information

:: If you have any additional questions regarding this technology demand survey, please contact the person in charge below.

Contact us

Inquiries regarding technology & research

Mechanical robot equipment room

053-718-8281
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Inquiry regarding
computer registration

R&D consultation call center

1544-6633