

1st industrial technology R&D research planning project survey in 2024

▶ Purpose

Support for pre-planning research for new R&D projects suitable for the core policies of the Ministry of Trade, Industry and Energy, such as securing super-gap competitiveness and industrial transformation, and the government's R&D investment direction

▶ Eligibility

(R&D Fields) New R&D planning in the industrial technology field

- Feasibility Study Required (FSR) projects: Large-scale R&D project planning with government-supported research and development costs of more than 30 billion won

- No Feasibility Study Required (NFSR) projects: Small and medium-sized R&D business planning with government-supported research and development costs of less than 30 billion won

#	Research and development project name (Research project name)	Develop period	Government Grant (1 M KRW)	Assignment category
1	Planning R&D of core technology for advanced gas turbine engines for civil-military transportation equipment and establishment of manufacturing base	9 months	170	FRS
2	Preliminary feasibility study planning research for bio industry innovation technology development project	9 months	190	FRS
3	Planning and research for display advanced industrial technology development project	9 months	170	FRS
4	Planning and research on high heat radiation advanced ceramic material synthesis and application technology development	6 months	45	NFSR
5	Planning and research on the development of an eco-friendly livestock waste treatment system to promote livestock rotation farming	6 months	40	NFSR
6	Planning and research on shipyard processing plant intelligent system technology development	6 months	30	NFSR
7	Planning and research on new concept electric propulsion system technology development for medium to large ships	6 months	30	NFSR
8	Carbon-zero textile industry ecosystem transformation core technology development project planning research	6 months	45	NFSR
9	Global plate technology project planning and research	6 months	50	NFSR
10	Planning and research for the Global Excellent Enterprise Research Institute Development Project (GATC)	6 months	50	NFSR
Total			820	-

(Applicants) Companies, universities, research institutes, research associations, business organizations, medical institutions, etc. Article 11 (2) of the Industrial Technology Innovation Promotion Act and Article 11 of the Enforcement Decree of the same Act, Article 2 (1) of the "Common Operation Guidelines for Industrial Technology Innovation Projects" Institutions corresponding to subparagraphs 3, 4, 4-2, 9-2 to 9-5.

◦ Foreign organizations (companies, universities, research institutes, etc.) can also participate in the project as joint research and development institutions.

▶ Assessment Criteria

Assessment Item	Details	Points	Total Points
Understanding and preliminary research and analysis of project	■ Understanding of the task (compliance with RFP contents, etc.)	10	15
	■ Fidelity of preliminary research and analysis, including latest trend analysis	5	
Research content and implementation strategy (55 points)	■ Adequacy of implementation plan, including research implementation procedures	55	55
	■ Appropriateness and specificity of research methods, including research and analysis methodology and use of experts	15	
	■ Adequacy of research implementation system	10	
	■ Concreteness and validity of research content composition and detailed goals	10	
	■ Appropriateness of allocation of R&D expenses (research planning expenses)	10	
Appropriateness of allocation of R&D expenses (research planning expenses)	■ Expertise and planning/management ability of the research director (research planner)	15	30
	■ Adequacy and expertise of research team composition	15	
Total		100	100

▶ Application Timeframe and Required Documents

(Timeframe) Application: **19th of April ~ 18:00, 20th of May** on IRIS <https://www.iris.go.kr>

*Offline application not required

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► Required Documents

#	Documents	Submission Format	Notes
1	Final confirmation of online submission	Upload online(PDF)	Submitted by the hosting organization as a representative
2	Research and development plan	Upload online(hwp) - Online computer entry of basic information must be completed	
3	Business registration certificate	Upload online(PDF) - Only for-profit companies submit	Host + joint research and development institution
4	Confirmation of intent to participate from the representative of the research and development institution	Upload online(PDF) - All applying research and development institutions can submit their seal on one sheet or submit individual sheets	Host + joint research and development institution
5	Personal information and tax information Consent for use of provision	Upload online (scan to PDF)	Host + joint research and development institution
6	Research ethics, integrity and security pledge	Upload online (scan to PDF)	Host + joint research and development institution
7	Proof of employment from the person in charge of the research and development institution	Upload online (scan to PDF)	Host + joint research and development institution
8	Confirmation of suitability of application qualifications from research and development institution	Upload online (scan to PDF)	Host + joint research and development institution
9	Confirmation of point deductions (optional)	Online computer input (automatically creates attached file) - Upload supporting documents online (PDF scan) if necessary.	if applicable
10	Accounting audit report or financial statements of research and development institutions		For-profit institution (host + joint research and development institution entered separately)

► Contact

#	Projects	RFP(Intention)		Assessment schedule	
		PD	Phone	Department	Phone
1	Planning R&D of core technology for advanced gas turbine engines for civil-military transportation equipment and establishment of manufacturing base	Aerospace PD	053-718-8438	Chosun Defense Aviation	053-718-8482
2	Preliminary feasibility study planning research for bio industry innovation technology development project	Bio PD	053-718-8562	Bio Health	053-718-8500
3	Planning and research for display advanced industrial technology development project	Display PD	053-718-8653	Batter Display	053-718-8812
4	Planning and research on high heat radiation advanced ceramic material synthesis and application technology development	Ceramic PD	053-718-8263	steel ceramic	053-718-8556
5	Planning and research on the development of an eco-friendly livestock waste treatment system to promote livestock rotation farming	Cutting-edge Equipment PD	053-718-8731	Mechanical robot equipment	053-718-8213
6	Planning and research on shipyard processing plant intelligent system technology development	Shipbuilding & Marine Engineering PD	053-718-8464	Chosun Defense Aviation	053-718-8654
7	Planning and research on new concept electric propulsion system technology development for medium to large ships	Shipbuilding & Marine Engineering PD	053-718-8464	Chosun Defense Aviation	053-718-8654
8	Carbon-zero textile industry ecosystem transformation core technology development project planning research	Fabric PD	053-718-8217	Fiber carbon nano thread	053-718-8633
9	Global plate technology project planning and research	Challenge Innovation Office	053-718-8301	Challenge Innovation	053-718-8301
10	Planning and research for the Global Excellent Enterprise Research Institute Development Project (GATC)	Carbon Neutral Corporate Growth Office	053-718-8485	Carbon Neutral Corporate Growth	053-718-8485
	General Call inquiry	-	-	Industrial Strategy	053-718-8322 isten31 @keit.re.kr