

Agency	Research Programs	January	February	March	April	May	June	July	August	September	October	November	December				
KET (Korea Planning & Award Institute of Industrial tech)	Material parts tech development	Material part package type	Call for proposals	Proposal submission / Pre-review / Award	Agreement signing & grant payment												
		Material parts combination type															
		Independence of strategic core materials															
		Advanced strategy industry super gap (secondary battery)															
	Development of explosion proof / Heat resistant ceramic gap filler material for thermal interface																
	Re-leap of elastic materials to responds to core strategic industries																
	Development of mechanical equipment industry tech	Manufacturing-based production system															
		Proof of manufacturing equipment															
		Development of smart controller tech for manufacturing equipment system															
		Development of manufacturing equipment electricity tech															
	Robot industry tech development Program																
	National robot test field Program																
	Automotive industry tech development	Automotive industry tech development (KEIT)															
		Establishment of automobile industry foundation (KIAT)															
	Development of threat analysis system based on automobile security vulnerability																
	Development of shipbuilding & marine industrial tech																
	Development of artificial intelligence-based future battlefield advanced equipment control tech for export enhancement																
	Development of advanced tech for compound power semiconductors																
	Development of next-generation intelligent semiconductor tech (design, manufacturing)																
	Development of Korea's leading K-sensor tech to lead the market																
	Public-private joint investment semiconductor high-quality human resources development Program																
	Tech development in the electronic components industry	Display															
		Semiconductor															
		IT convergence															
	Development of tech for applying silicon high content cathode plate & cell																
	Development of core materials & cell manufacturing tech for low-priced, long-life sodium secondary batteries																
	Support global cooperation in secondary battery high-tech strategic industry																
	K-carbon flagship tech development Program																
	Biomass-based vegan leather development & demonstration cluster construction Program																
	Development of safety Award tech for nanoparticle performance & corporate support Program																
	Bio-industry tech development	Customized diagnostic & treatment products															
		Digital healthcare															
		Advanced bio-new materials															
	National new drug development Program																
Strengthen competitiveness in manufacturing demand-tailored bio-raw materials																	
Development of commercialization tech for customized diagnostic treatment for intractable cancer based on multiomics																	
Development & demonstration of innovative convergence bio-medical product tech																	
Development & dissemination of national standard tech																	
New convergence tech product safety tech support Program																	
Industrial tech alchemist Program																	
R&D research planning Program for industrial tech																	

KIAT
(Korea Institute for Advancement of tech)

Joint cooperation support Program for national advanced strategic industrial complex	tech development support Program for national advanced strategic industries specialized complex	Program planning	Call for proposals	Proposal submission	Award	Agreement signing & grant payment																	
	Testbed support Program for national advanced strategic industries specialized complex																						
	Support Program for human resources development in national advanced strategic industries specialized complex																						
Promoting tech performance & utilization (National tech transaction platform service)		Call for proposals	Proposal submission	Award	Agreement signing & grant payment																		
International Award of industrial tech		Call for proposals		Proposal submission		Award		Agreement signing & grant payment															
Establishment of the foundation for industrial innovation	Establishment of the foundation for industrial innovation	To be updated frequently on the website / Korea Institute for Advancement of tech: www.kiat.or.kr																					
	University Innovation Foundation Center (UIC)																						
	Establishment of industrial innovation tech support platform																						
Support for industrial innovation talent growth (R&D)	Industrial demand-based education & training	Call for proposals	Proposal submission	Award	Agreement signing & grant payment																		
	Support participation in joint domestic & overseas R&D Programs																						
	Establishing policy foundation																						
Material parts industry tech development foundation building (R&D)	Establishment of the foundation for technical support of core strategic technologies of materials & parts equipment	Program planning			Call for proposals	Proposal submission & Award	Agreement signing & grant payment																
	Construction of a test bed in a small manager specialized complex																						
	Mass production performance Award support																						
Scale-up tech commercialization program			Call for proposals	Proposal submission	Agreement signing & grant payment																		
Development & demonstration of super-gap tech for aerospace/radiation sealant materials	Establishment of sealant proof & certification support system for aerospace defence	Program planning		Call for proposals	Proposal submission & Award		Agreement signing & grant payment																
	Development of sealant products to protect fuel tanks & apply air frames to prevent corrosion of harsh environments																						
	Development of low-density, high-adhesive, multifunctional sealant products for aircraft fuselage maintenance																						
Mid-sized support / regional innovation alliance support Program		Call for proposals & submission		Award	Agreement signing & grant payment																		
Core research & human resources growth support Program for mid-sized enterprises			Call for proposals	Proposal submission	Award	Agreement signing & grant payment								Call for proposals & submission	Award	Agreement signing & grant payment							
Win-win innovation Program for small & medium-sized enterprises		Call for proposals	Call for proposals & submission		Agreement signing & grant payment																		
Aerospace Components Process Advancement tech Development Program		Program planning	Call for proposals & submission	Acceptance of Award	Agreement signing & grant payment																		

KETEP
(Korean Energy tech Award and Planning)

Energy demand management core tech development Program	Development of energy efficiency innovation tech	Call for proposals & submission		Award	Agreement signing & grant payment																	
	Development of tech based on demand management																					
	Net-zero demand management																					
	Energy efficiency improvement																					
	Hydrogen-reduced steel process																					
	Development & demonstration of process support tech for the RE100 cycle																					
New & renewable energy core tech development Program		Call for proposals & submission	Award		Agreement signing & grant payment																	
Next-generation solar cell demonstration Program					Call for proposals & submission	Award / Agreement signing & grant payment																
Development & demonstration of AI-based distributed backup power safety management integrated platform		Call for proposals & submission		Award	Agreement signing & grant payment																	
LiB-based risk assessment & safety enhancement technology development Program	Development of risk Award & control tech for large capacity uninterruptible power units	Call for proposals & submission		Award	Agreement signing & grant payment																	
	Study on the development of fire safety & long-life extension tech using water-cooled cooling method																					
tech development Program to strengthen the competitiveness of nuclear dismantling	Strengthen competitiveness in on-site customized dismantling tech	To be updated frequently on the website / Korean Energy tech Award and Planning: https://www.ketep.re.kr																				
	Analysis of nuclear species dismantling nuclear power plants & establishment of demonstratio foundation																					
Innovative small module reactor tech development Program	Development of innovative SMR standard design tech	Call for proposals	Proposal submission	Award	Agreement signing & grant payment																	
	Verification & development of innovative technologies required by innovative SMR top-level requirements																					
Advanced manufacturing tech & parts for nuclear power plant - Equipment development in response to field demand	Development of innovative manufacturing process tech essential for next-generation nuclear power plant manufacturing process	Call for proposals & submission		Award	Agreement signing & grant payment																	
	Development of localization of parts & equipment for stable continuous operation of nuclear power plants in Korea																					
tech development Program to predict long-term changes in site environment for disposal of high-level defense waste		Call for proposals & submission		Award	Agreement signing & grant payment																	
Development of lithium extraction & materialization tech for low-quality saline lakes		Call for proposals & submission		Award	Agreement signing & grant payment																	
Energy manpower training	Education & training	Call for proposals & submission		Award	Agreement signing & grant payment																	
	Overseas Linkage	Call for proposals & submission		Award	Agreement signing & grant payment					Call for proposals & submission				Award				Agreement signing & grant payment				

	International energy research	International joint study on energy tech leadership	To be updated frequently on the website / Korean Energy tech Award and Planning: https://www.ketep.re.kr									
		Global market development international joint research										
		Global tech cooperation platform										
	Programs to enhance the acceptability of energy tech & promote commercialization		Call for proposals & submission	Award	Agreement signing & grant payment							
	Energy tech policy establishment Program		Call for proposals & submission	Award	Agreement signing & grant payment							
Power informatization & policy support	Establishment of power tech foundation			Call for proposals	Proposal submission		Award / Agreement signing & grant payment					
	Establishment of new & renewable energy foundation		Call for proposals	Proposal submission	Award / Agreement signing & grant payment	Call for proposals	Proposal submission	Award / Agreement signing & grant payment				

Ministry of SMEs and Startups	Enterprise-led R&D	technological Innovation and Development of Small and Medium Enterprises	Export-oriented type	Refer to the announcement of the detailed Program implementation plan for each Program / Ministry of SMEs and Startups: www.mss.go.kr								
			Market expansion type									
			Market responsive type									
		Development of start-up growth tech	Steppingstone (Didimdol)									
			TIPS									
	Collaborative R&D	Industry-academic cooperation R&D	Industry-Academic Cooperation tech Development									
			Development of cooperative tech for industry-union									
	Policy Purpose R&D	Development of Smart Manufacturing Innovation tech	Field application									
			Support for recruitment of new researchers									
		Support for research personnel of small and medium-sized enterprises	Support for recruitment of highly experienced researchers									
			Support for recruitment of public research personnel									
			Support for training small and medium-sized researchers tailored to the field									

Ministry of Oceans and Fisheries	Marine Fisheries Science and Tech Promotion Agency	Ocean Digital - Eco-Friendly Major Transition	Development of CO2 transportation-injection combined functional ship tech	Submission of annual report & step-by-step Award report / Check the progress of the Program / Conducted a step-by-step Award / Budget review	Information on the results of the review & Award / If necessary, the agreement will be changed	To be updated frequently on the website / Ministry of Oceans and Fisheries: www.mof.go.kr
			Development of ocean digital route demonstration tech (construction & joint research of Korea-Europe advanced ocean mobility research base)			
			tech development of the integrated terrestrial-satellite VDES system based on international standards (VDES international joint development & cooperation demonstration)			
			Development of advanced tech for terrestrial navigation system			
			Development of innovative tech for eco-friendly ships (development of 500 horsepower LPG fishing boats)			
			Development of marine methanol production & transportation tech for realization of marine carbon recirculation value chain			
			Development & demonstration of hybrid engine system with CBM + base tech			
		Future R&D for Overcoming Crisis Waves	Development of artificial meat & fishery cultivation tech for alternative solutions			
			Construction of AI-based convergence marine data analysis tech wigh & security platform using civilian military			
			Development of management tech such as emission of hazardous substances in the ocean (Development of management tech for hazardous substances in the ocean)			
			Development of underwater mobility tech for ocean sea			
		Strengthening private growth engines				
Creating R&D ecosystem for marine powerhouse	Advancement of international cooperation in marine & fisheries science & tech (supported by the Korea Research Center for marine science & tech)					
Development of ship identification tech system through radio signal detection tech						

Development of tech for infectious disease prevention & treatment	Development of vaccine self-sufficiency tech	Call for proposals & submission	Award	Program start															
Overcoming dementia research & development Program	Study on the cause & prevention of outbreak	Call for proposals & submission	Award	Program start															
	Development of prediction & diagnostic tech	Call for proposals & submission	Award	Program start															
	Development of prevention and treatment tech	Call for proposals & submission	Award	Program start															
	Global joint study on overcoming demintia	Call for proposals & submission	Award	Program start															
	Development of tech based on the promotion of skin health	Call for proposals & submission	Award	Program start															
Development of innovative growth skin health-based tech	Development of essential high value-added foundation materials	Call for proposals & submission	Award	Program start															
	Support for regulatory response Award tech	Call for proposals & submission	Award	Program start															
National new drug development Program	New drug-based expansion research	Call for proposals & submission	Award	Program start															
	Study on the establishment of new drug R&D ecosystem	Call for proposals & submission	Award	Program start															
	Clinical development of new drugs	Call for proposals & submission	Award	Program start															
	Support the development of excellent new drugs to promote global expansion & partnership	Call for proposals & submission	Award	Program start															
Cross-ministerial regenerative medical tech development Program	Development of treatment tech for regenerative medicine	Call for proposals & submission	Award	Program start															
	Development of regenerative medicine-related tech	Call for proposals & submission	Award	Program start															
Study on the techniques for responding to mental health-related social problems; drug & suicide	Solving mental health & social problems	Call for proposals & submission	Award	Program start															
Cross-ministerial regenerative medical tech development Program	Development of regenerative treatment & treatment tech	Call for proposals & submission	Award	Program start															
Patient-centered medical tech optimization research Program	Study on the comparative Award of medical tech	Call for proposals & submission	Award	Program start															
	Study on the evidence generation of medical tech	Call for proposals & submission	Award	Program start															
Research & development Program on the practical use of auxiliary devices for the elderly with disabilities		Call for proposals & submission	Award	Program start															
Advanced medical tech development (Advanced regenerative medical clinical research Program)	Practicalization of stem cell regenerative medicine (Advanced regenerative medical clinical research support Program)	Regular proposal submission 0and occasional Award (Call for proposals & submission-Award-Program start)																	
Development of Korean medicine innovation tech	Clinical study of Korean medicine				Call for proposals & submission	Award	Program start												
	Study on the intermediary of innovative Korean medicine				Call for proposals & submission	Award	Program start												
Establishment of national integrated bio bio data	Establishment & operation of bio data bank				Call for proposals & submission	Award	Program start												
Development of new drugs based on joint learning accerlerated Program	Director of the Program to accelerate the development of new drugs based on joint learning				Call for proposals & submission	Award	Program start												
	Establishment of a cooperative system for developing new drugs using joint learning data				Call for proposals & submission	Award	Program start												
	Support for activation of the use of joint learning platform (science donation)				Call for proposals & submission	Award	Program start												
National new drug development Program	New drug-based expansion research				Call for proposals & submission	Award	Program start												
	Study on the establishment of new drug R&D ecosystem				Call for proposals & submission	Award	Program start												
	Clinical development of new drugs				Call for proposals & submission	Award	Program start												
R&D Program on practical use of auxiliary devices for the elderly's independent living	Development of electronic controlled hydraulic head-train tech				Call for proposals & submission	Award	Program start												

Development of industrialization tech to respond to crop viruses & pests																		
	Development of agricultural foundation & disaster response tech																	
Resoponse to high-risk anical infectious diseases technological development	Securing next generation core technologies																	
	Advancement of cooperative systems for livestock diseases																	
	Advanced quarantine system for infectious diseases of all ministries																	
Development of tech for quarantine inspection of agriculture, food and rural affairs	Development of localization-based tech for food-and-mouth disease vaccine																	
	Development of AI prevention control tech																	
	Development of livestock disease prevention & control tech																	
	Development of common infectious disease control tech																	
	Development of new technologies to respond to future changes																	
	Development of animal medicine & anical welfare tech																	
	Recognition of international standards laboratory & research advancement																	

R&D Program of the Ministry of Agriculture, Food and Rural Affairs

	Development of animal & plant quarantine tech	Call for proposals & submission	Award	To be updated frequently on the website / Ministry of Agriculture, Food and Rural Affairs: www.mafra.go.kr
	Multi-ministerial joint response to bee protection R&D			
	International joint research & development & network construction			
High value-added food technology development	Future response food			
	Food quality safety			
	Next-generation food processing			
	Development of 5G-based food safety production tech			
	Global food tech joint research			
	Smart distribution management			
	Logistics, distribution automation			
	Development of digital breeding conversion tech			
	Development of industrialization tech to responds to livestock issues in 2025			
Development of innovative tech for smart farm multi-ministerial package	Study on the demonstration & advancement of smart farms			
	Study on the source tech of next generation convergence			
	Short-term Advancement of nojiky smart agricultural tech			
	Development of agricultural machinery tech with eco-friendly power sources			
	Development of tech for promotion of mechanization of field agriculture			
	Development of industrialization tech for pet cycle			
Establishment of innovative tech for agricultural life microbiome	Development of applied tech for agricultural innovation			
	Support for industrialization of the performance-linked microbiome			
Support for technical commercialization	Promotion of commercialization of public tech			
	Support for commercialization of R&D centered on the private sector			
	Development of tech to enhance export agriculture competitiveness based on international cooperation			
	Fostering research personnel for agri-food science & tech convergence			

Rural Development Administration R&D Program

Development of tech based on new crop protection system in export system	Rapid Award / Development of forecasting tech	Call for proposals & submission	Award	Agreement signing	Grant payment	Program start
	Development of candidate materials for new crop protection					
New agricultural climate change establishment of a response system	Forecasting & Award of changes in the production environment in the agricultural sector					
	Development of climate-adapted specification tech for concentrated acid cultivation					
	Development of damage reduction tech for agricultural weather disasters					
	Mitigating climate change & developing low carbon agricultural technologies					
Development of Innovative technologies for Smart Farm Multi-Ministry Package	Study on the demonstration & advancement of smart farms					
	Next-generation convergence & source tech research					
Development of a national-based breeding platform to secure publicity	Securing national standard breeding big data & establishing 'Deep data'					
	Development of deep data processing & linkage tech					
	Development of promising system selection platform tech using AI					
	Development of tech to increase productivity in agriculture					
	Strengthening insect tech competitiveness					

Forest Service R&D Program

	Development of high-performance wood harvesting machine equipment	To be updated frequently on the website / Forest Service: www.forest.go.kr
	Development of customized human resources at forest industry sites	
Multi-ministerial national life research resources advancement Program	National natural products cluster forest plant material bank operations	
	Prevention, rapid response & management of forest fires and landslides	
Research & development on the resolution of the current issues of disaster & disaster in the forest sector	Diagnosis and control of forest disease & insect forecasting & management of forest animal habitats	
	Development of innovative growth tech for smart forest management	

Fore	Development & diffusion of smart healthcare tech based on agriculture, forestry and marine engineering	Development of tech to utilize healing material factors										
	Development of tech based on the utilization of forest biological materials	Development of standardization tech for functional raw materials of forest resources Discovery & digitization of new materials for forest resources										
	Study on the carbon neutrality promotion foundation & empirical tech in forest sector	Establishment of industry-academic cooperation system & development of demonstration tech										

Ministry of Education	National Research Foundation of Korea	Support of the next generation of academics	Master's program research incentives	Call for proposals & submission	Award	Agreement signing			Program start								
			Ph.D. student research incentives	Call for proposals	Proposal submission	Award	Agreement signing				Program start						
			Domestic training after Ph.D.	Call for proposals					Proposal submission	Award & agreement signing	Program start						
			Post-doctoral international training	Call for proposals	Proposal submission		Award				Program start	Program start					
			Post-Doc. growth collaboration	Call for proposals	Proposal submission		Award	Agreement signing	Program start								
			Establishment of foundation for university research	Basic research capacity enhancement (infrastructure advancement)	Call for proposals	Proposal submission		Award		Program start							

Ministry of Environment	Field of water management	Tech development Program to secure stability of water resources in response to future changes	Development of advanced tech for improving flow measurement accuracy & uncertainty Award	Call for proposals & submission	Award	Agreement signing	To be updated frequently on the website / Korea Institute of Environmental Industry and tech: www.keiti.re.kr
			Development of continuous automatic measurement tech for ultrasonic & optical-based river similarity				
			Development of integrated river monitoring tech based on water quantity & water quality sensor				
			Development of AI-based water resource big data quality management tech				
			Development of safety Award tech for trans-river water resources facilities based on convergence measurement tech				
			Development of water quality Award tech for river termination water resources facilities considering changes in the physical environment of rivers				
			Development of tech for repair & reinforcement of old-age control using natural-based solutions				
			Development of tech to improve water & environmental safety of rivers based on water treatment experiments				
			Development of integrated asset management tech for water resources facilities using digital twin				
			Development of early detection & response tech for water resources facilities based on physical-virtual sensor network				
	Development of optimized tech for planning, operation & maintenance of urban flood facilities	Development of tech to improve underground infrastructure water supply capacity & design enhancement in response to urban flooding					
		Improvement of underground infrastructure storage capacity & development of multi-functional utilization tech in response to urban flooding					
		Development of optimal operation tech for underground infrastructure in response to urban flooding					
		Development of tech to improve underground infrastructure maintenance & management in response to urban flooding					
	Development of tech to ensure health of aquatic ecosystems	Development of tech for tracking baseline leakage & prediction of nutrient inflow					
		Development of tracking tech for trace pollutants of concern for aquatic ecosystems in sediments					
	Field of resource circulation	Secondary battery circulation availability improvement tech development Program	Development of battery pack material and structure improvement & Award tech due to secondary battery circulation propensity				
			Demolition of multiple types of waste secondary batteries / Development of separation automation & resource recovery tech				
			Development of contaminant reduction tech for secondary battery recycling process				