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KEIT Europe Office
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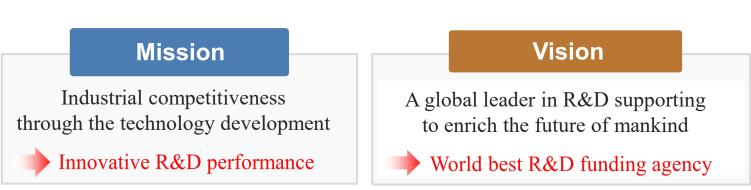
IV) R&D Project Planning for 2025



1. Innovative R&D Partner, KEIT (1/4)



KEIT is a government funding agency
 under the Ministry of Trade, Industry and Energy(MOTIE) in South Korea







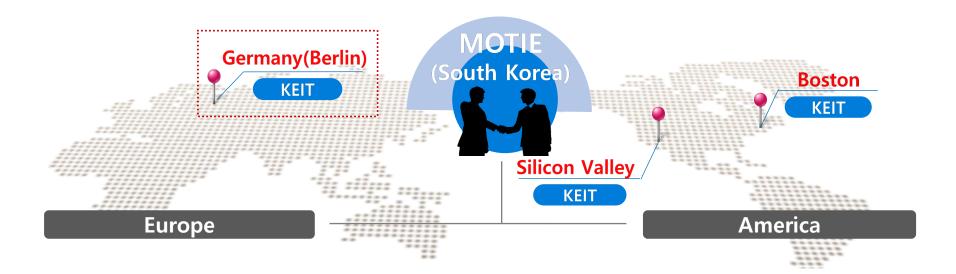
1. Innovative R&D Partner, KEIT (2/4)

International R&D Collaboration

Facilitate Exchange of Information & Experts and Promote R&D

Support international joint R&D and provide recent technology information

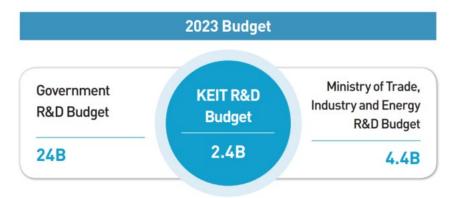
- Support Korean companies to enter the local markets
- Gather technological information, industry, and policy on a regular basis
- Provide analysis reports
- Build cooperation platforms to develop international R&D cooperation





2. KEIT's Budget and R&D Programs (1/2)

■ R&D programs by industry field



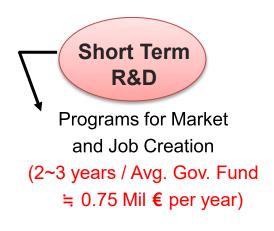


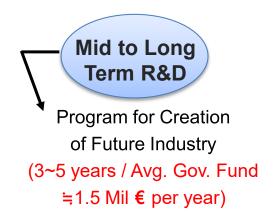
Project Sector	Description	2023 Budget	Percentage(%)		
Material-components- equipment technology	Developing materials-components technology Building technological independence for strategic core materials Developing industrial machinery technology	1,133			
Transportation technology	Developing automotive industry technology Developing shipbuilding, marine and offshore technology Developing and innovating connected automated vehicle technology	300	12.4		
Manufacturing-based technology	Developing robot industry technology Developing design industry technology Developing knowledge service technology	228	9.4		
Bio-health technology	Developing bio-industrial technology KMDF (Korea Medical Device Development Fund) project KDDF (Korea Drug Development Fund) project	211	8.7		
Smart electronics technology	Developing next-generation intelligence semiconductor technology Developing electronic system industrial technology Developing PIM artificial intelligence [AI] semiconductor core technology	167	6.9		
Carbon-neutral technology	Developing core technology for carbon neutral industry Developing technology for manufacturing carbon dioxide reactive hardening cement Developing chemical process for carbon-reduction type petroleum-based raw material substitute	for manufacturing hardening cement 102 occss for carbon-			
Disaster-safety technology	56	2.3			
Others	225	9.3			
Total		2,422	100		



2. KEIT's Budget and R&D Programs (2/2)

Industrial Technology R&D Programs

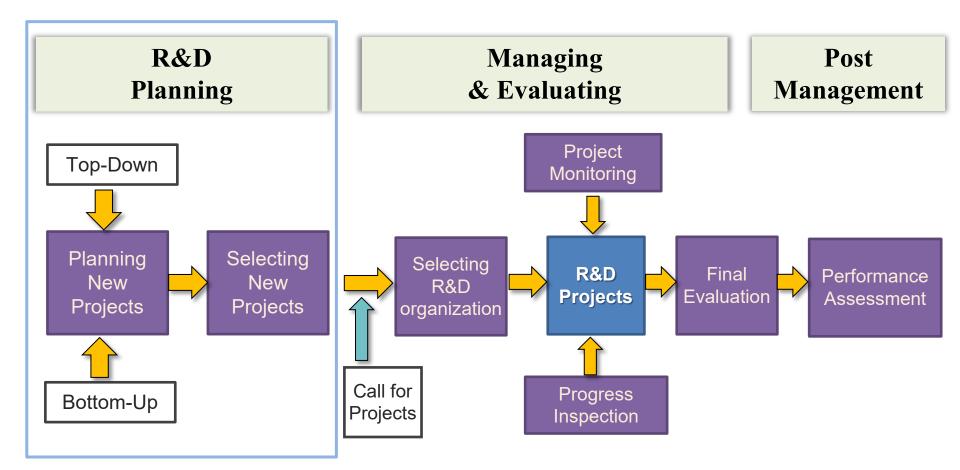




Mid to Long Term R&D New Growth Engine Development R&D Industrial Strategic Technology Development R&D Public R&D Commercialization Linked R&D



3. R&D Process - Planning (1/3)

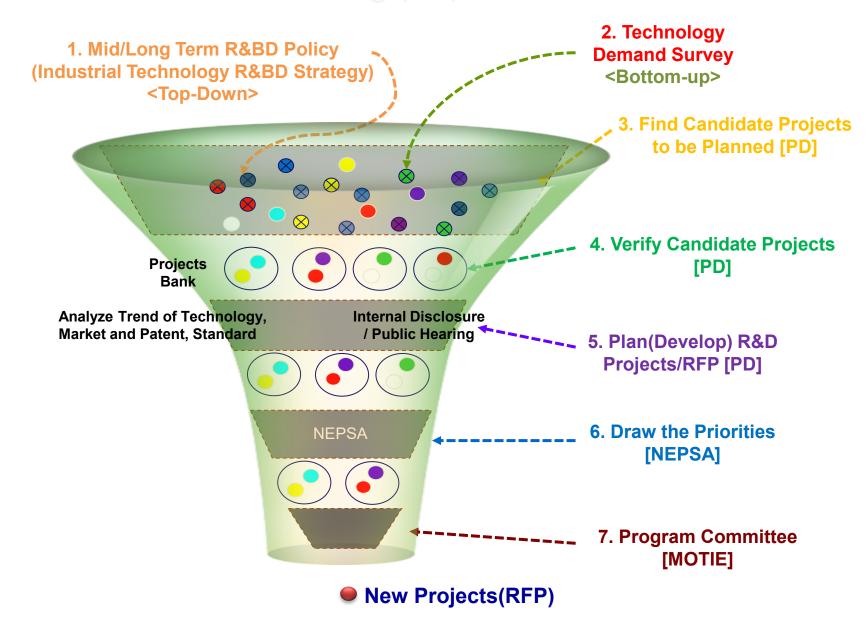


Program Directors(23 PDs)

PDs: Specialists for managing whole R&D process(Planning–Evaluation–Commercialization)
 of projects in each technology area (Adv. Machinery, Robot, Display, Biotech, etc.)



3. R&D Process - Planning (2/3)





3. R&D Process - Planning (3/3)

Industrial R&D Strategy

Project Planning (RFP) Identify areas(strategical/politically relevant) to be funded

Narrow down to projects level (Reflecting domestic/overseas tech. demands)

Rigorous verification & Public Hearing

Finalize Projects (RFP, Request For Proposal)

Managing & Evaluating

Announce Programs and Planned RFP through homepage, newspaper etc.

Selecting researchers (R&D consortium) and Contracting with KEIT

Conduct Mid-term Evaluation(yearly) and Decide whether to go or stop

Conduct Final Evaluation

Post Management

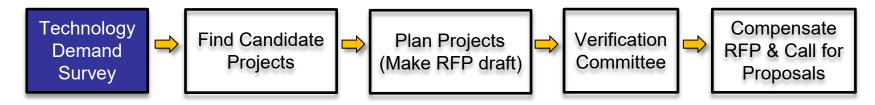
Follow-up & Survey for implementation/Impact of Projects



4. R&D Project Planning for 2025

Global Demand Survey for Technology

- Purpose: To utilize the survey result for Korean R&D programs planning by looking into various technology demands of R&D fields
- Planning Process of R&D Programs led by PDs



(ex) Robot, Display, Knowledge service, Smart Electronics, Medical Device

Project planning schedule for new project 2025

Establishment of R&BD Strategy		~ April of the Previous Year (~4.2024)	
	Technology Demand Survey	~ June of the Previous Year (3~6.2024)	
	R&D Projects Planning	~ Nov. of the Previous Year (6~11.2024)	
	Verify and Announce New Projects	~ Dec. of the Previous Year (11~12.2024)	



[Ref. 1] Template for Technology Demand Survey

[Attachment 1] Technology Demand Survey for Industrial Technology R&D Program(FY 2023) (the survey should be preferably about 3 pages). ↑ 1. Applicant Category PD Survey Category: (PD Category) Related Technology Theme. ex. (Carbon-nano) Carbon fiber composite manufacturing and application technology.			am(FY 2023). ages). Theme	Competitiveness factor. * Specify the level of technology, maturity, and successful commercialization cases of proposing Organization(applicant). Industrial R&D Trend and applicable industrial field. * focus on Korea and local industry environment and trend. * 5. Expected Effects.
2. Technology	Overview			0
Technology Title		а		* Specify intended technological, industrial, social effects and impacts
Applicant's Information	Applicant's (Office). (Office).			3
Proposing Organization's Name and Country	ex. Seoul National University:	Asia(Sapari), Europe(Germany):		
R&D Type	Fundamental Technology Development		ve Product opment.	
R&D Objectives Core Technology Components	pport/Grand and Co	ology. mpetitiveness factor.		



Thank you!



