

Summary

Process for Developing into a "Research University That Forges the Common Sense of the Future"

1. Cultivate fertile ground (foundational system) that allows interdisciplinary research to sprout and grow, with WPI and COI-NEXT leading as the center
2. Construct a framework to support interdisciplinary research, problem solving, and social implementation
3. Collaborate with OIST for international expansion and interdisciplinary development

- Societal Implementation of studies
 - Realization of "research ecosystem"

Implement-
ation

- Centers with distinctive characteristics (WPI, COI-NEXT, etc.)
 - Diverse cohort of researchers

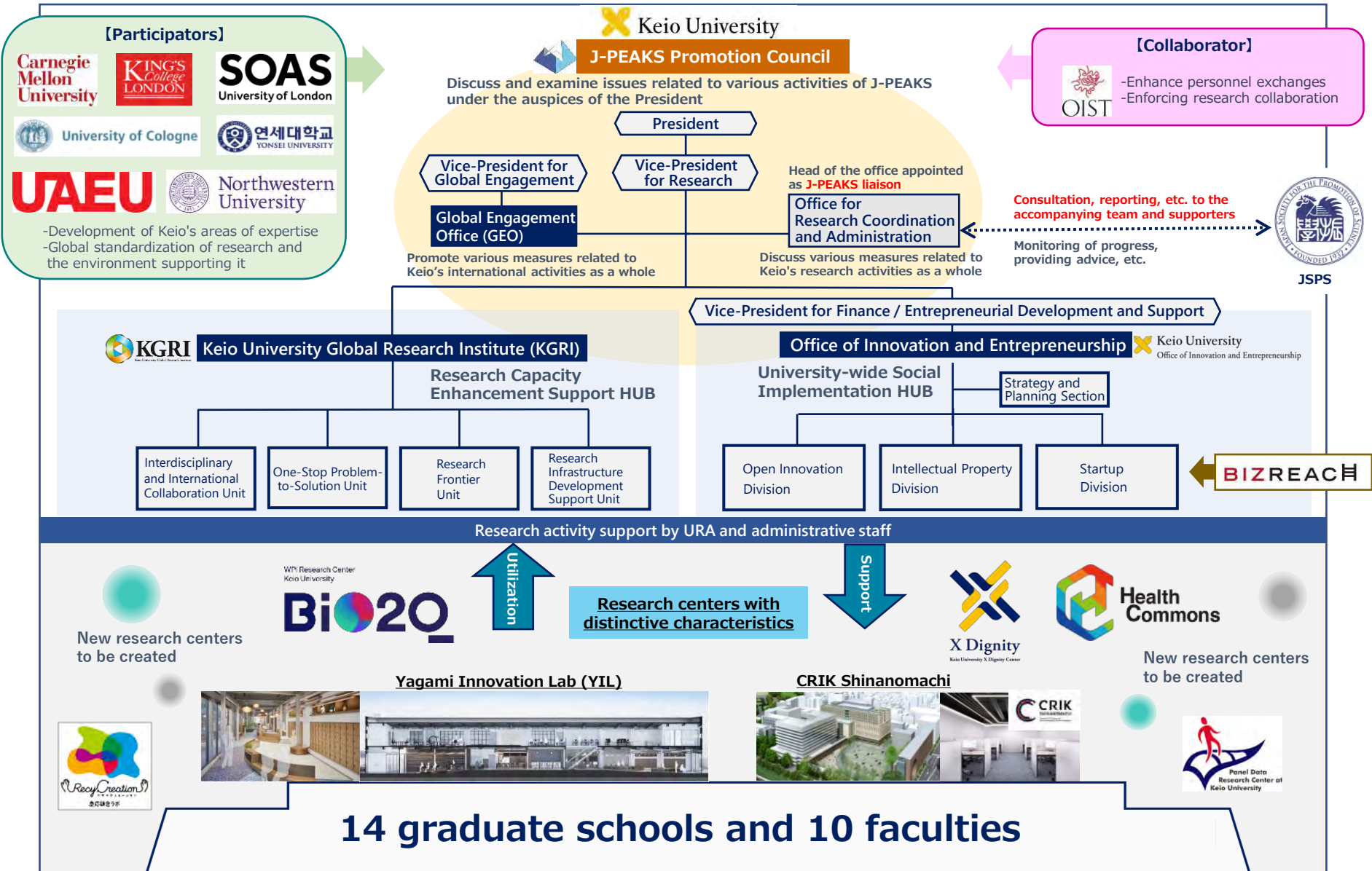
- Development of research centers
 - Creation of new research centers
 - Integration between these centers



Feed-back

Society

Framework that Supports Interdisciplinary Research, Problem Solving, and Social Implementation



Timeline

		2023	1 year later 2024	2 years later 2025	3 years later 2026	4 years later 2027	5 years later 2028
Cultivate fertile ground for generating interdisciplinary research							
(1) Breaking of new ground in research and hold showcases	Construction of a system and portal site to showcase all researchers information	Surveys Deliberation	Construction	Operation	Ratio of researcher information covered		
	Transmission of information (online, events)	Video production, news distribution, researcher exchange					
(2) Development a cloud-based research data infrastructure	1. Connection to the showcase system 2. Setting up of advanced data infrastructure	Deliberation	Contracts	Maintenance Implementation		Review	
Research development efforts leading to center-based and interdisciplinary							
(1) Circular City with Resource Wisdom (Co-Creative Upcycle Society)		Apparatus introduction	Use of YIL		Interdisciplinary studies	Establishment of new discipline on urban resource monitoring	
		Lab maintenance	Operation		Collaboration with local governments	Expansion of collaboration	Symposium
(2) Creation of interdisciplinary projects (research development activities)			Employment of URA Coordination of collaborative research		Expansion	Support for new research centers projects	
(3) Development of the Yagami Innovation Lab (YIL)		Building		Simulation Workshops	Development of open science Workshops using quantum computers		Development of a new discipline on the post-information and post-digital age
Fertile ground for fostering the social implementation of studies thorough creative innovation (research commercialization)							
(1) Ideation & Activation			Employment of URA	Consideration Systematization	Identification of issues System design and	Needs analysis Sustainability considerations and implementation	Review
(2) Establishment of a support hub for university-wide social implementation	Support for large-scale academic-industrial collaborative research		Expansion of URA	Needs survey and	organizational considerations		Support
	Keio Startup Incubation Program (KSIP)	Concept design	Content preparation	Support from entrepreneurs			
	Center for Research and Incubation, Keio University (CRIK Shinanomachi)	Repairs	Employment of URA	Events, branding	(CRIK occupancy rate) Collaborative research promotion		
(3) Realization of future medicine and healthcare based on “information circulation”		Apparatus Introduction	Data infrastructure and hospital collaboration development		Linking local government	enterprise and	International expansion
			Support for collaborative research with CRIK startups		Acquisition of POC at the Hospital	Societal Implementation of studies	
(4) Development of human resources to lead innovation	Survey of the university’s innovation theory	Apparatus Introduction	Employment of project professors and surveys		Preparation of reports	Drafting of proposals	Publishing of proposals Translating feedback into university management reforms
	1. Entrepreneurship education 2. Educational program for the conduct of impact assessment	Introduction	Consideration Preparation	Beginning of 3 programs	→→→	Getting courses approved for credits	Continuation
			Development	Research presentations of assessment methods Testing and implementation		Update of assessment methods	
International expansion							
(1) Internationalization through partner university OIST		Appointment of coordinators	Collavprative research		Exchange of researchers and staff		
(2) Internationalization through exchanges with participating universities			Exchange of researchers and staff				
Construction of a system that will lead to the creation of a series of world-class research centers					Performance technological	evaluation and development	Analysis support
Establishment of an international center for analyzing nano-level 3D microstructures and the functions of biomembrane proteins			Maintenance	Apparatus Introduction	Development of structure prediction system using AI and quantum computing		