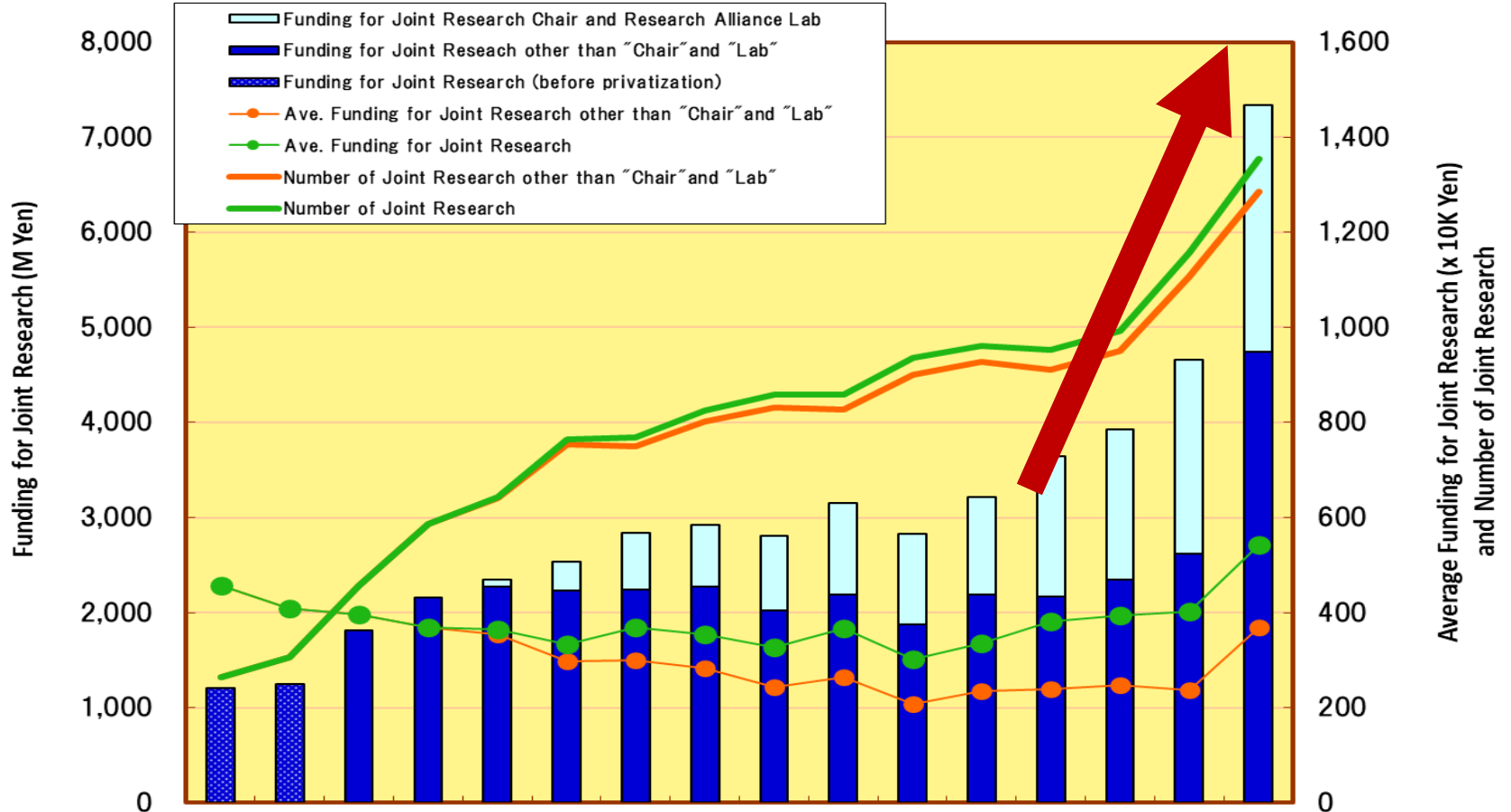


Industry on Campus &
Co-Creative Innovation Platform:
Novel Academic-Industry
Collaboration Systems Invented at
Osaka University

Kosuke Kato, PhD, RTTP

Joint Research with Industries at Osaka University

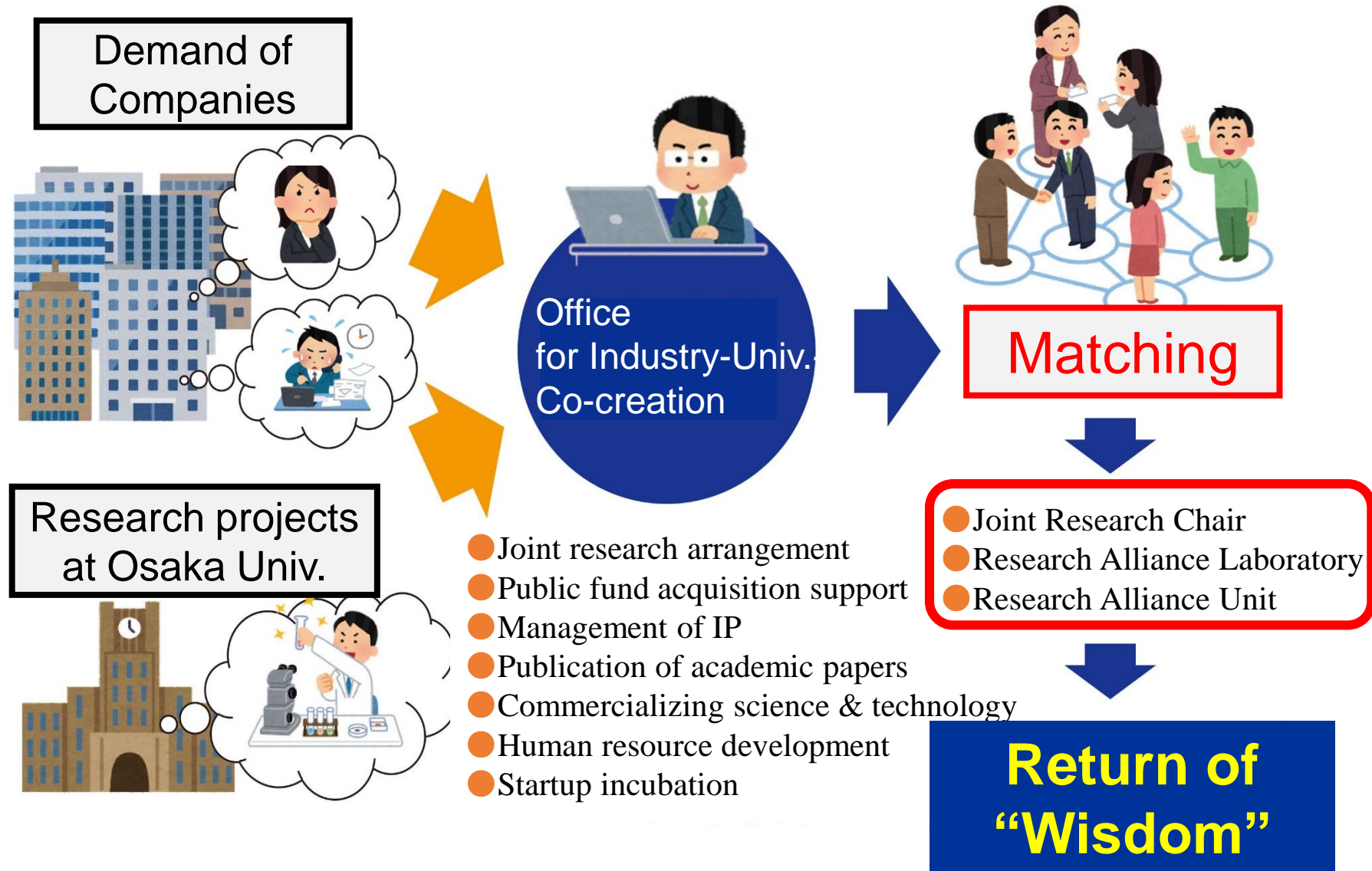
Funding for Joint Research (incl. Joint Research Chair and Research Alliance Laboratory)



		Year	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Joint Research (A I)	Number		265	306	457	586	643	764	768	826	859	859	935	961	952	993	1158	1354
	Funding (M Yen)		1,211	1,250	1,810	2,160	2,350	2,540	2,840	2,920	2,810	3,150	2,830	3,220	3,640	3,923	4,662	7,338
	Ave. Funding (10K Yen)		457	408	396	369	365	332	370	354	327	367	303	335	382	395	403	542
Joint Research Chair and Research Alliance Lab. (Only)	Number					3	11	18	24	28	32	34	34	42	42	50	69	
	Funding (M Yen)					81	304	595	649	785	960	949	1,032	1,469	1,575	2,040	2,593	
	Ave. Funding (10K Yen)					2,700	2,800	3,300	2,700	2,800	3,000	2,800	3,000	3,500	3,800	4,100	3,800	

\$66.7M
\$49.3k
\$23.6M
\$345k
(\$=\110)

Industry on Campus



Osaka university systems for “Industry-on-Campus”

Joint Research Chair

A research organization which accepts funds from a single company and set up a chair at Osaka University. Faculty researchers of Osaka University and researches from companies set up a team to proceed a research project on an equal standpoint. At least a loaned researcher from a company should work on one of the campuses of Osaka University to conduct the project. Research expenses to be paid by a company should be over 150k US\$/year.

Research Alliance Laboratory

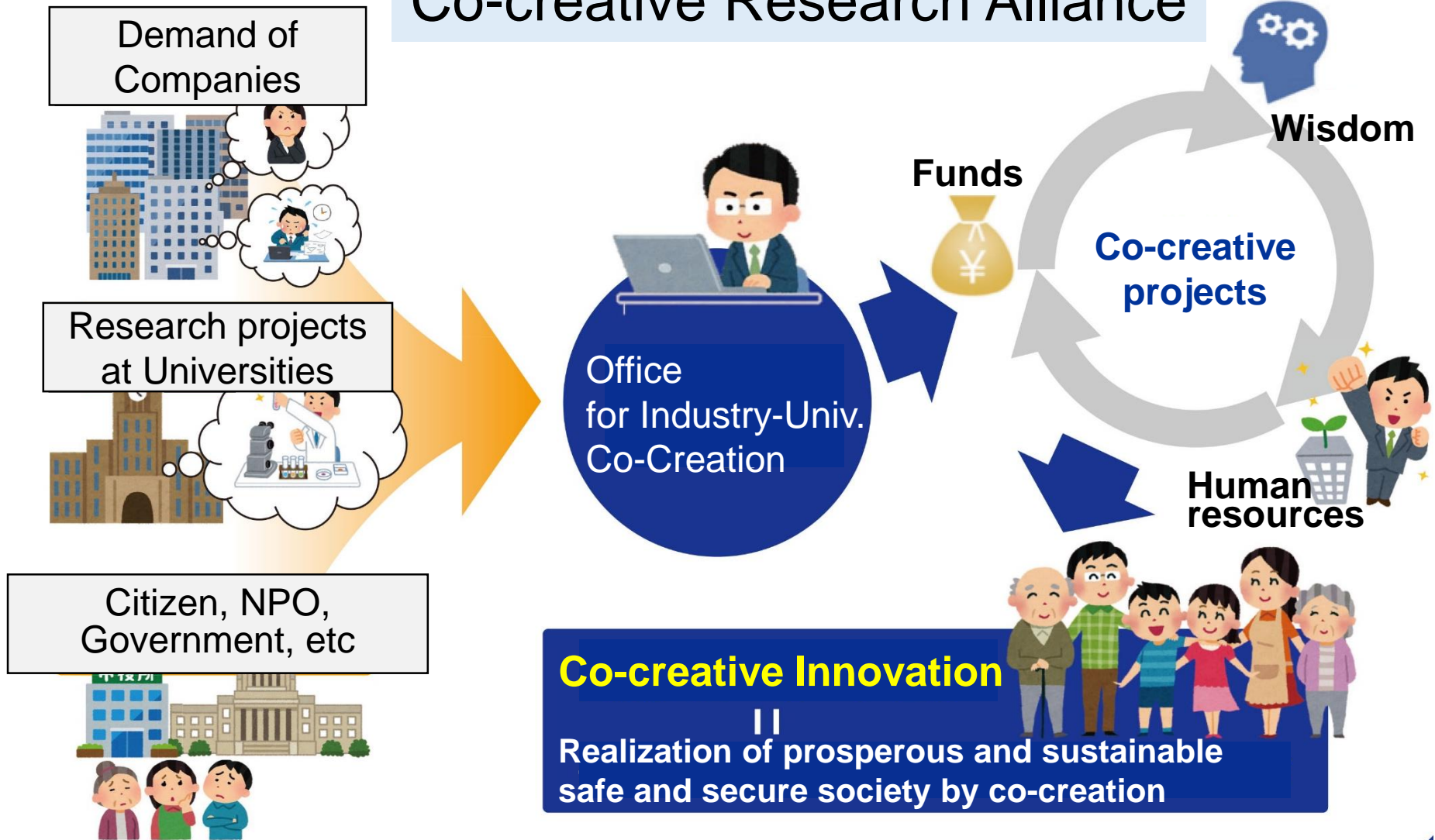
A research organization which set up enterprise in Osaka University. In this system, researchers from various faculties and researchers from enterprise proceed multiple projects. At least a loaned researcher from an enterprise should work on one of the campuses of Osaka University to conduct the project. Research expenses to be paid by a company should be over 150k US\$/year.

Research Alliance Unit

A kind of research consortium. Researchers from various faculties and researchers from various enterprises set up a project to solve common issues of the industry.

New Challenges of Osaka University "Co-creation"

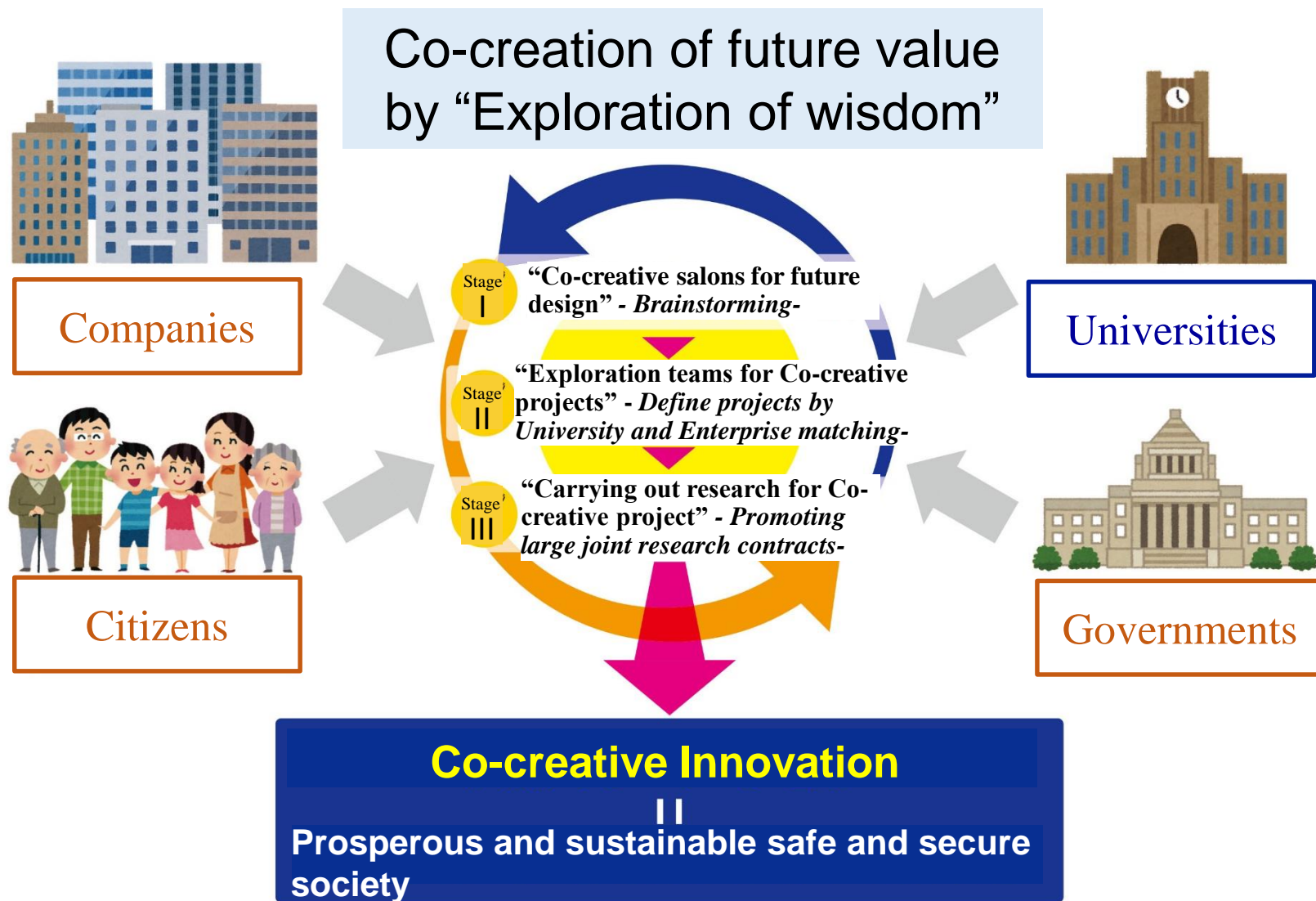
Co-creative Research Alliance



Why “Co-creation” by multiple stakeholders?

1. The first step of innovation starts from **“Creation of new value”**.
The principle of creating new value is “new combination of existing wisdoms”
2. Closed organization (university and enterprise) can only combine existing wisdom.
*Combinations of wisdom is going to run out soon (**Exhaustion of wisdom**).*
3. University and enterprise researchers are good at deepening existing wisdom:
“Deepening of wisdom”, but this approach cannot create disruptive innovation.
4. In order to explore “different wisdom” it is important to exchange wisdom with people who has different way of knowledge, thinking, job and gender.
“Exploration of another wisdom”
5. Conducting together “New combination of existing wisdom“, we can facilitate
“Co-creative value”
6. **“Innovation based on Co-creation (Open Innovation)”** can be started by drawing images of future society based on the new value co-created by multiple stakeholders.

Co-creative Innovation Platform



The most Innovative University in Japan



Based on the analysis of how to quote from papers to patents, [Osaka University](#) is the 1st place in Japan and 31st place in the world. “Nature Index 2017 Innovation Table” ...from Nikkei news paper 20/8/2017

Aiming for Innovative University TOP of the world

*Co-creation to
the summit*



Thank you for listening.
Questions?

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