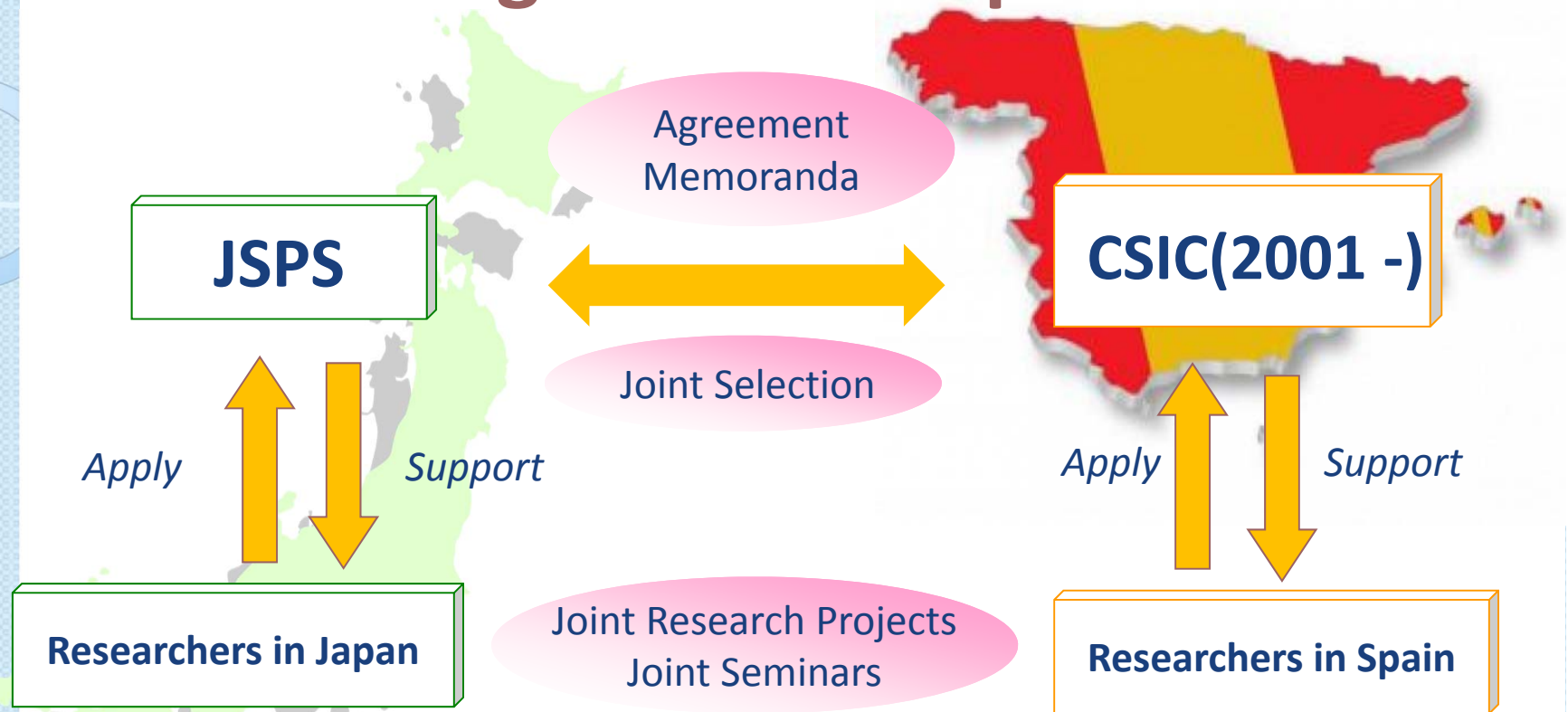


Bilateral Programs with Spain



	2010	2011	2012	2013
Joint Research Projects	5	6	6	3
Joint Seminars	0	0	0	0

- All the academic fields
- Supporting travel expenses
- From 1 year to 2 years projects (Joint Research)



Bilateral Programs with Spain

<In Spain>

Spanish National Research Council (CSIC)

Vicepresidencia Adjunta de Internacionalización
(Deputy Vice President for Internationalization)

C/ Serrano 117, 28006 Madrid

Tel. +34 915681694

Fax. +34 915681509

e-mail: vai@csic.es

Joint Research Projects with CSIC (Spain)

Term	Spain		Japan	
	PI	Organization	PI	Organization
2012.4.1- 2014.3.31	Andreu Adan LLOBERA	CSIC · Centro nacional de microelectronica (国立中央マイクロエレクトロニクスセンター) · 助教	Hiroaki SUZUKI 鈴木 博章	Professor University of Tsukuba 筑波大学 · 教授
2012.4.1- 2014.3.31	Berta RUBIO	CSIC-University of Valencia · Instituto de Fisica Corpuscular (原子核素粒子物理研究所) · 主任研究員 · 教授	Yoshitaka Fujita 藤田 佳孝	Associate Professor Osaka University 大阪大学 · 准教授
2012.4.1- 2014.3.31	Prieto Aranda PILAR	CSIC · Institute for Sustainable Agriculture · 永任研究員	Ken-ichi NONOMURA 野々村 賢一	Associate Professor Research Organization of Information and Systems 情報 · システム研究機構 · 准教授
2011.4.1- 2013.3.31	Jose Carlos DIEZ-MASA	CSIC · Institute of Organic Chemistry · 最高研究者	Manabu TOKESHI 渡慶次 学	Professor Hokkaido University 北海道大学 · 教授
2011.4.1- 2013.3.31	Juan Carlos ALONSO	Madrid Autonoma University (マドリード自由大学) · Center of Biotechnology · 教授	Kunio TAKEYASU 竹安 邦夫	Professor Kyoto University 京都大学 · 教授
2011.4.1- 2013.3.31	Francisco Javier GARCIA	CSIC · Institute of Optics · 教授	Naoki YAMAMOTO 山本 直紀	Associate Professor Tokyo Institute of Technology 東京工業大学 · 准教授

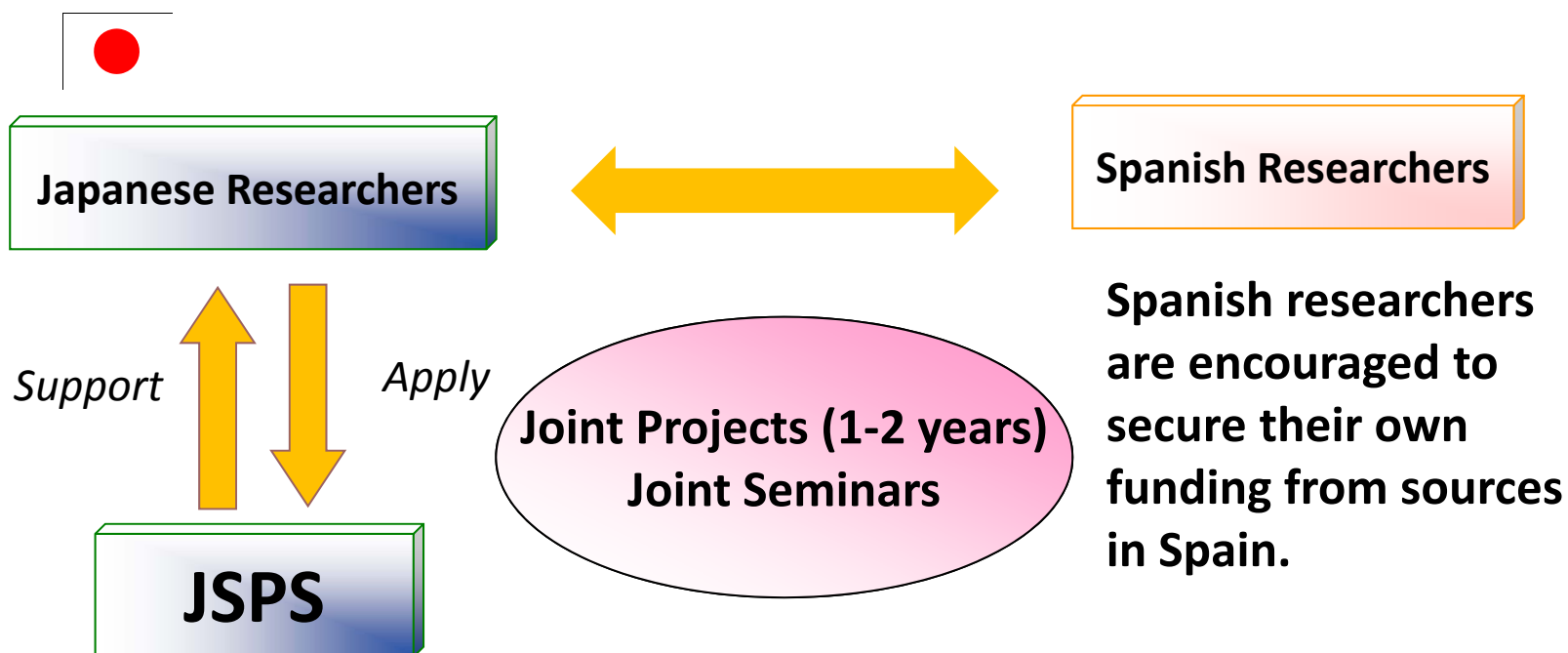
Joint Research Projects with CSIC (Spain)

Term	Spain		Japan	
	PI	Organization	PI	Organization
2010.4.1- 2012.3.31	Isabel MERIDA	CSIC • Dept. of Immunology and Oncology • 研究者	Naoaki SAITO 齋藤 尚亮	Professor Kobe University 神戸大学 • 教授
2010.4.1- 2012.3.31	Clara VINAS	CSIC • Institut de Ciencia de Materials de Barcelona (バルセロナ物質科学研究所) • 教授	Hiroyuki NAKAMURA 中村 浩之	Professor Gakushuin University 学習院大学 • 教授
2010.4.1- 2012.3.31	Sanchez Monedero MIGUEL	CSIC • Department of Soil and Water Conservation and Organic Waste Management • 准教授	Tomonori SONOKI 園木 和典	Associate Professor Hirosaki University 弘前大学 • 准教授
2009.4.1- 2011.3.31	Francisco I PUGNAIRE DE	Estacion Experimental de Zonas Aridas(国立乾燥地研究所) • Department of Functional Ecology and Evolutionary • 主任研究員	Kenji FUKUDA 福田 健二	Professor University of Tokyo 東京大学 • 教授
2009.4.1- 2011.3.31	Eulogio OSET	Valencia University • Department of Theoretical Physics and IFIC • 教授	Satoru HIRENZAKI 比連崎 悟	Professor Nara Women's University 奈良女子大学 • 教授
2009.4.1- 2011.3.31	Juan Manuel DIEZ TASCON	CSIC • Instituto Nacional del Carbon (国立炭素研究所) • 研究教授	Takashi KYOTANI 京谷 隆	Professor Tohoku University 東北大学 • 教授

NEW !

Bilateral Programs

Open Partnership Joint Projects/Seminars



JSPS supports the expenses of the Japanese teams.

Application in Japan

through Japanese Researchers

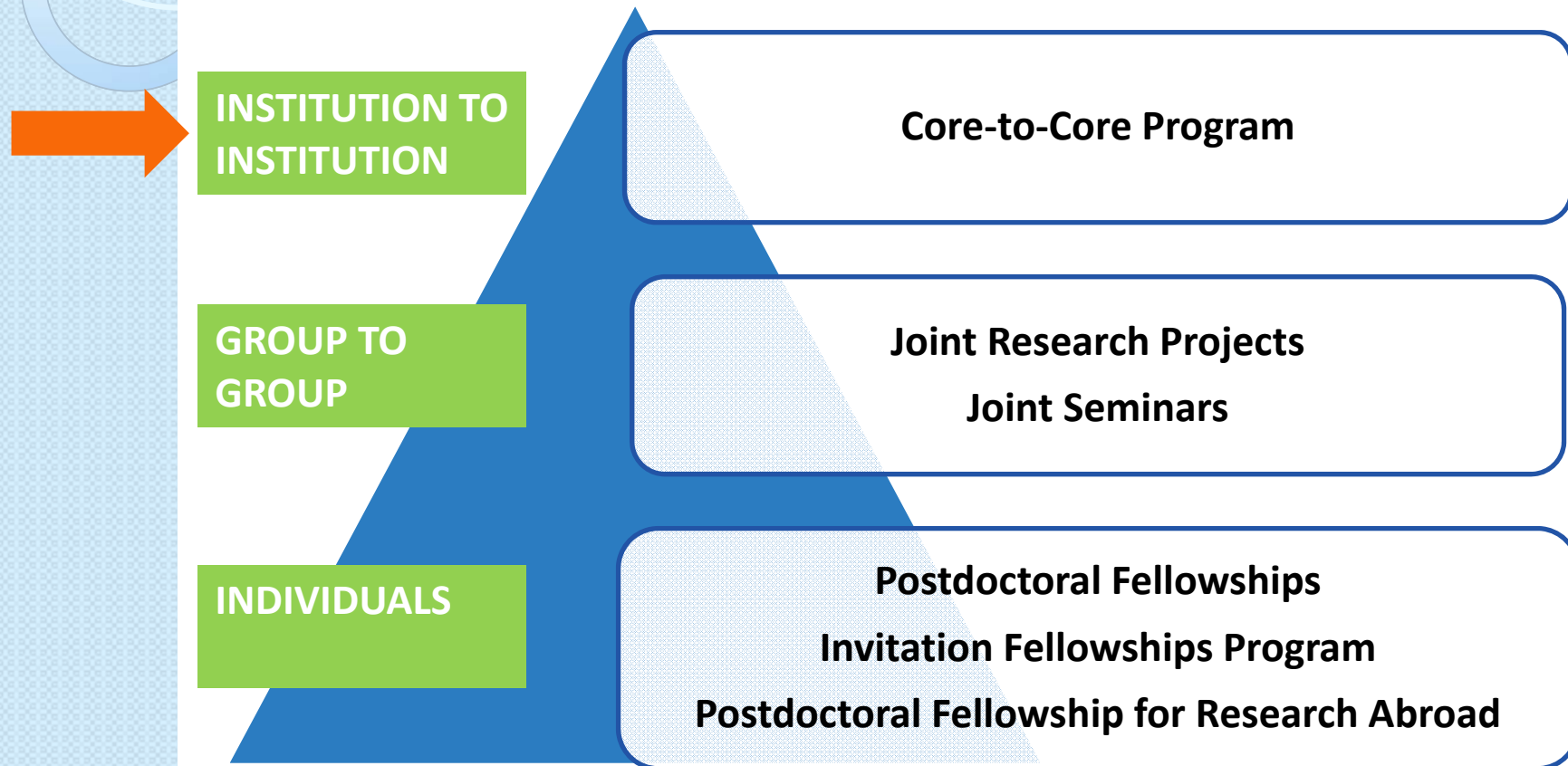
In total 40 Joint Projects & Joint Seminars / year

Deadline : February 2014



■ *Further advance existing cooperation*

JSPS's International Programs



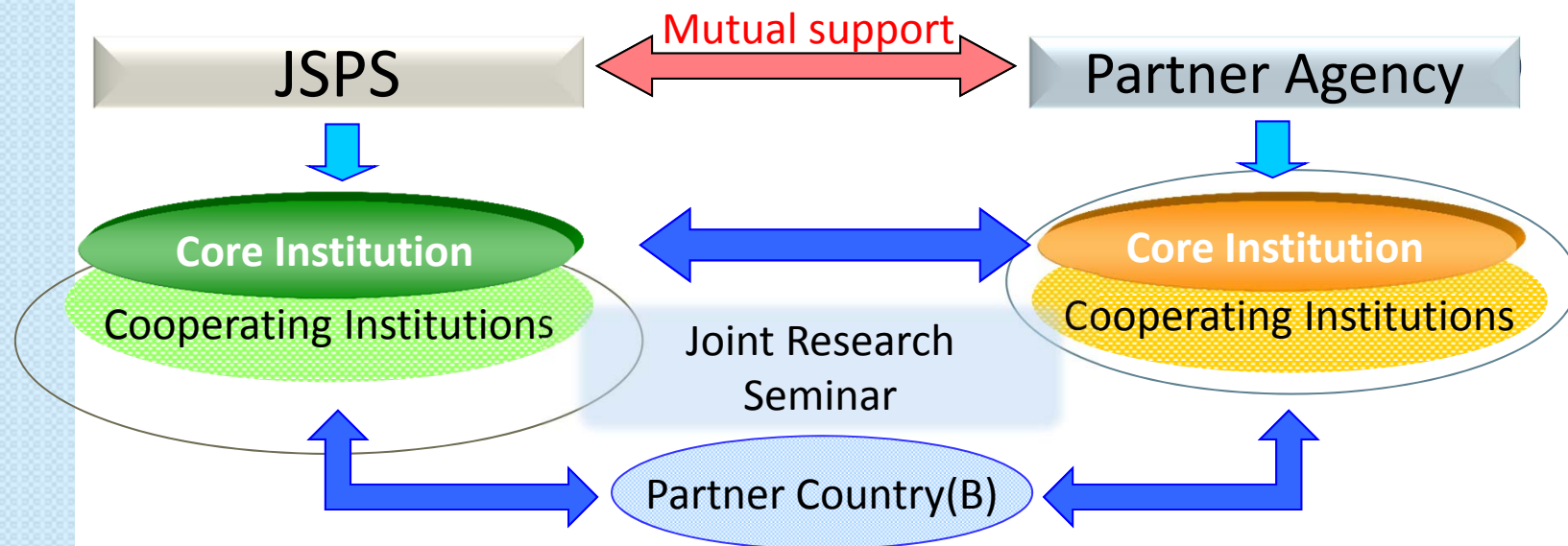
JSPS Core-to-Core Program

OBJECTIVE

- Promote International Collaboration in Cutting-edge Fields and Create World-class Research Hubs
- Foster Young Researchers through Networking among the Most Advanced Research Institutions in Japan and Other Countries

FUNDING

- 10-20 million yen(≒€ 77,000-154,000) a year /project x 2-5 years



Application in Japan
through Japanese Researchers

10 Projects / year
Deadline : **Autumn 2014**

JSPS Core-to-Core Program

<Advanced Research Networks>

FY2012 Project: 1 Apr. 2012 - Mar. 2017

Research Theme	Core Institute in Japan (Co-Chair)	Country	Partner Research Institutes (Co-chair)
New Insights into the Molecular Basis of Prevention of Diseases in the Aging Society Caused by Modulation of Insulin-Like Activities	University of Tokyo Graduate school of Agricultural and Life Sciences (Associate Professor Shin-ichiro TAKAHASHI)	Spain	Cajal Institute, The Spanish Research Council (Professor Ignacio TORRES-ALEMAN)
		Sweden	Karolinska Institute (Associate Professor Leonard GIRNITA)
		USA	Tulane University (Research Assistant Professor Yusuke HIGASHI)
International Collaborative Research Center on Atomically Controlled Processing for Ultralarge Scale Integration	Tohoku University Research Institute of Electrical Communication (Specially Appointed Professor Junichi MUROTA)	Germany	Innovations for High Performance microelectronics (IHP) (Professor TILLACK Bernd)
		Belgium	Interuniversity Microelectronics Center (imec) (Senior Scientist LOO Roger)
		France	Centre National de la Recherche Scientifique (CNRS) – Centre Interdisciplinaire de Nanoscience de Marseille (CINaM) (Professor LE THANH Vinh)
		Spain	University of Vigo (Professor CHIUSI Stefano)
		USA	State University of New York (Professor HIRAYAMA Makoto)

JSPS Core-to-Core Program

<Strategic Research Networks>

FY2012 Project: 1 Apr. 2012 - Mar. 2015

Research Theme	Core Institute in Japan (Co-Chair)	Country	Partner Research Institutes (Co-chair)
Center for Magnetic Self-Organization in Laboratory and Astrophysical Plasmas	Graduate School of Frontier Sciences, The University of Tokyo Prof. Yasushi ONO	USA	Princeton University, Principal Research Physicist Ji Hantao
		Italy	University of Padova, Prof. Martin Piero
		UK	Culham Science Center, Principal Research Physicist Gryaznevich Mikhail
		Germany	Max Plank Institute for Solar System Research , Prof. Sami K. Solanki
		Spain	Instituto de Astrofisica de Canarias, Prof Javier Trujillo Bueno



Welcoming Japanese Researchers to Spain under JSPS programs

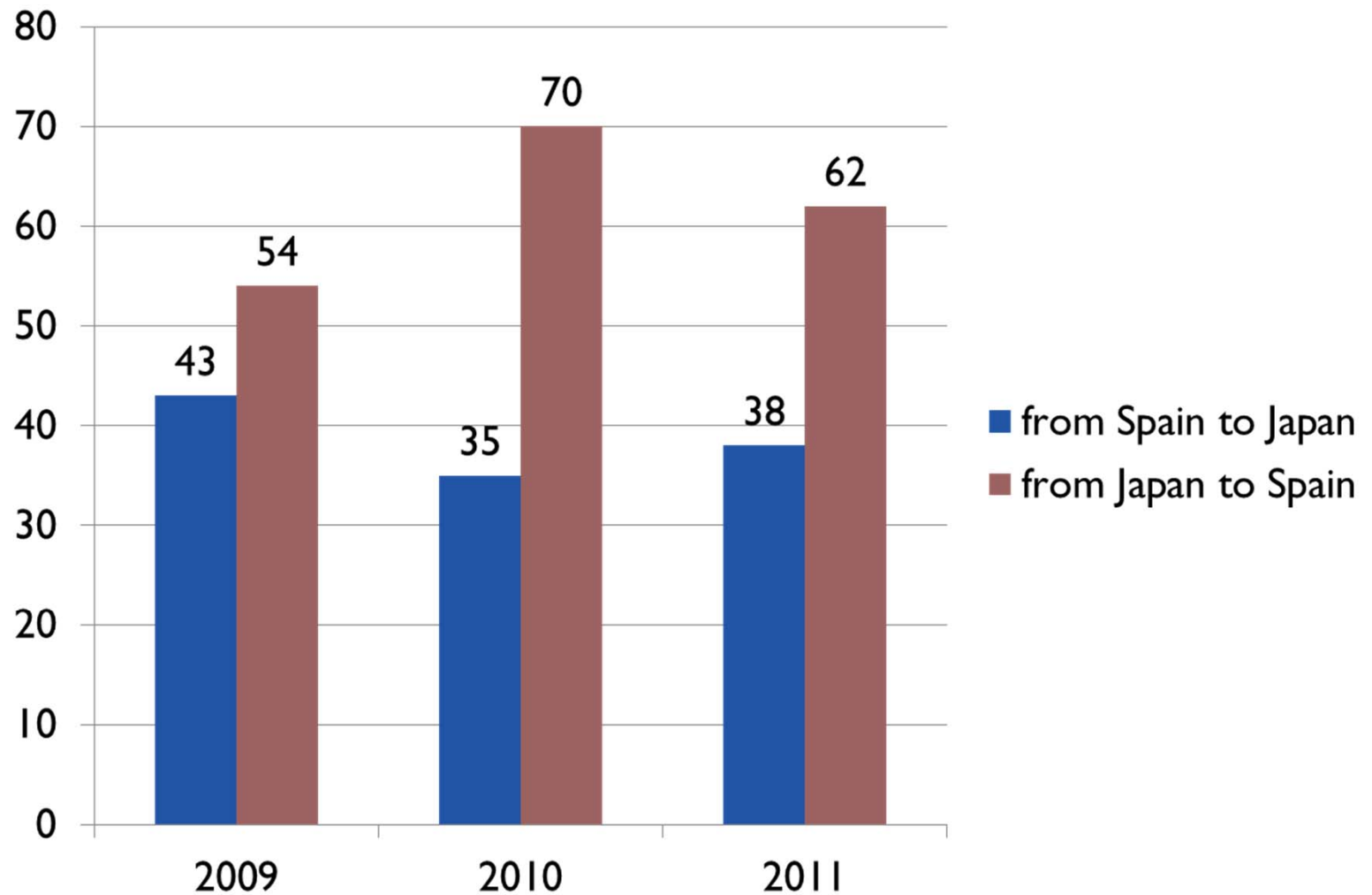
- **JSPS Postdoctoral Fellowship for Research Abroad**
 - Sending Post-doc researchers for 2 years
- **Others**

Under the framework of **Joint Research Projects**, or **Grants-in-aid**, **Strategic Young Researcher Overseas Visits Program** etc.

* In Spain, UAM has been a partner institution of Japanese Tokyo University of Foreign Studies under JSPS International Training Program(ITP) since 2009.

http://www.jsps.go.jp/english/e-itp/data/04_list/fy2009/01_tokyogaigo.pdf

Number of Researchers exchanged through JSPS Programs





Number of Researchers from Spain to Japan under the JSPS Programs

Program	2009	2010	2011
Postdoctoral Fellowships (Short/Standard)	21	16	14
Invitation Fellowships (Long-term)	0	1	1
Invitation Fellowships (Short-term)	5	2	5
Bilateral and other programs	17	16	18
Total	43	35	38

JSPS Alumni fellows in Madrid (recent)

- Postdoctoral Fellowship (Short-term)

SAUVAGEOT Myrto Dept. of Mathematics, The Complutense University of Madrid (UCM) (2006-2007)

GARCIA DE OTEYZA FELDERMANN Dimas Department of Prof. Dosch, The Autonomous University of Madrid (2007)

- Invitation Fellowship (Short-term)

GAVELA Maria Belen Department of Theoretical Physics, The Autonomous University of Madrid (2006)

GARCIA-RUANO Jose Luis Department of Organic Chemistry, Faculty of Science, The Autonomous University of Madrid (2006)



Japanese Universities & Research Institutes

Research Institutions in Japan

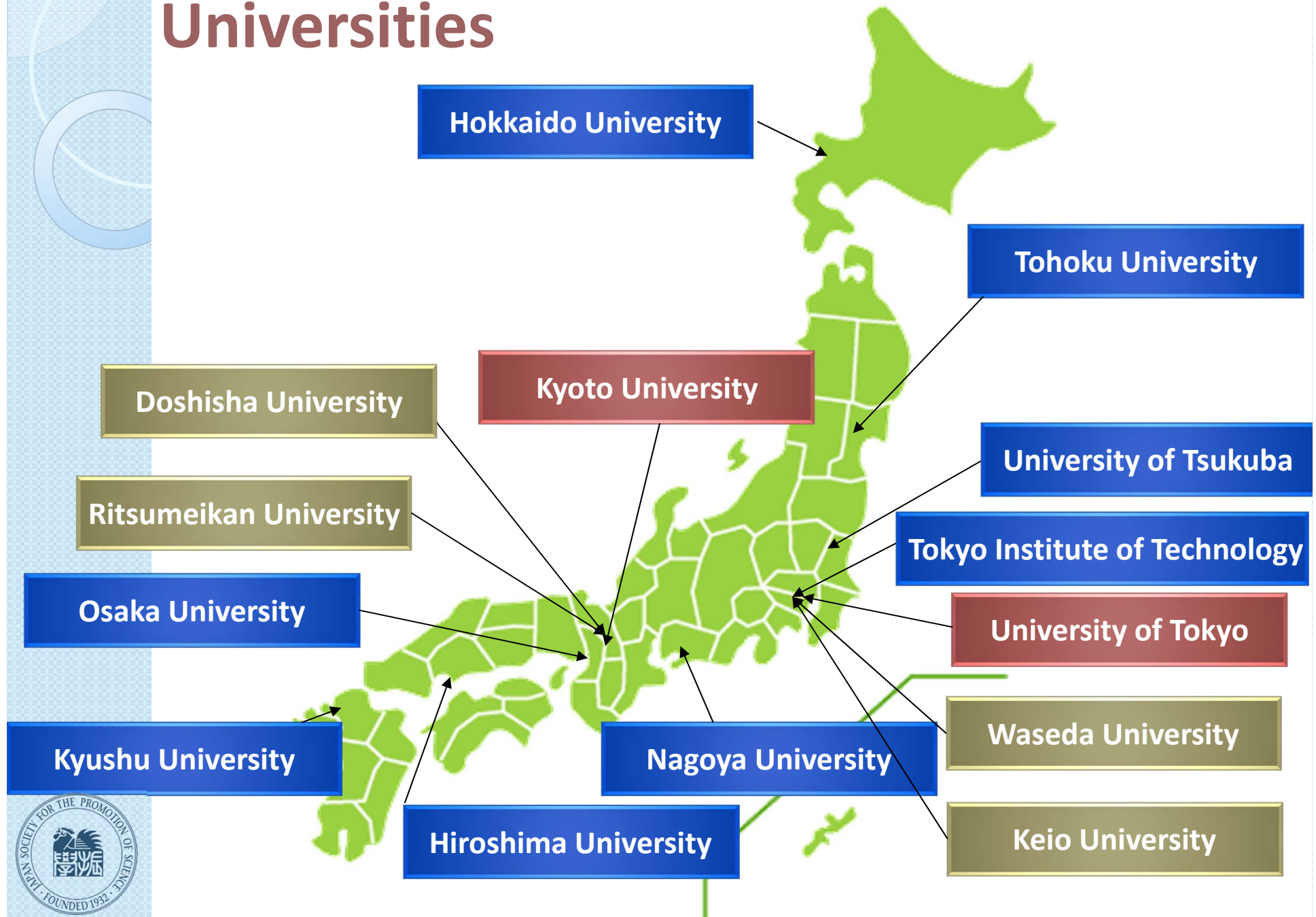
- **Universities** (as of 2011)
 - National Universities: 86 (National University Cooperation since 2004)
 - Public (prefectural or municipal) Universities: 81
 - Private Universities: 596
- **Public Research Institutes**

Independent Administrative Institutions since 2001

 - Thematic sciences decided by each Ministry
- **Database for universities/research institutes**

http://read.jst.go.jp/index_e.html <READ>
<http://ge.nii.ac.jp/genii/jsp/index-e.jsp> <NII>

Universities



The University of Tokyo



東京大学
THE UNIVERSITY OF TOKYO



Kyoto University



Nagoya University

名古屋大学



Hiroshima University

 広島大学



National Institutes

**High Energy Accelerator
Research Tsukuba**



AIST Tsukuba



**RIKEN (Spring-8)
Synchrotron Radiation Facility Harima**



**NIMS (Material
Science) Tsukuba**



JAMSTEC Yokosuka



**NIBB (Basic
Biology) Okazaki**



Thank you very much for your attention
-日西研究者のネットワーク形成を目指して-
to form the Spain-Japan researchers network



JSPS website <http://www.jsps.go.jp/english/index.html>

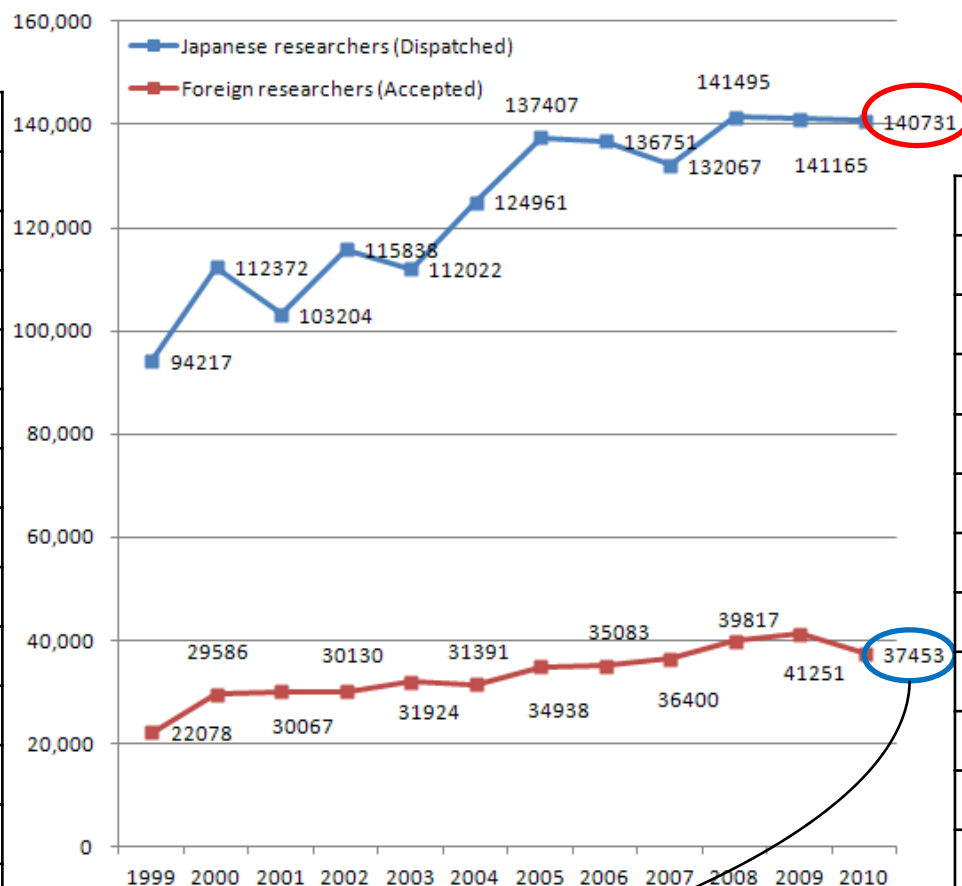




Q & A

Number of Outgoing and Incoming Researchers

Accepted in Japan in 2010		
	Country	Number
1	China	7,195
2	US	5,658
3	Rep. of Korea	4,535
4	Germany	1,734
5	UK	1,684
6	France	1,653
7	Thailand	1,244
8	Taiwan	1,175
9	India	1,049
10	Australia	853
...		
21	Switzerland	280
...		
-	Others	10,393
Total		37,453



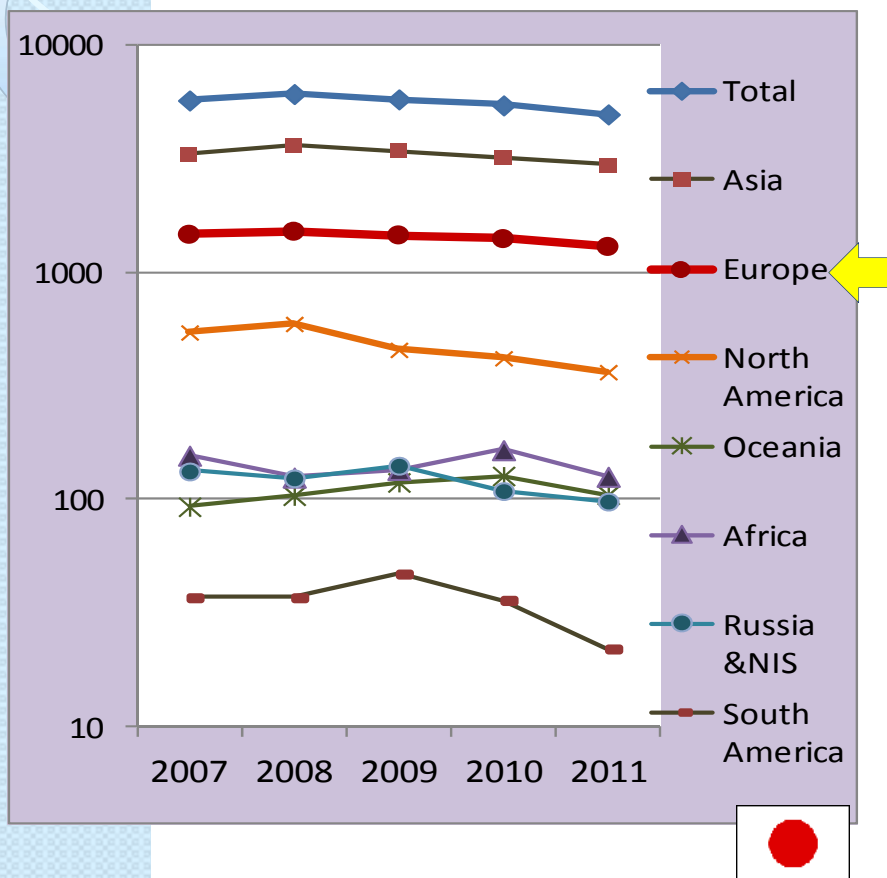
Dispatched abroad in 2010		
	Country	Number
1	US	30,651
2	China	17,197
3	Rep. of Korea	12,294
4	Germany	6,530
5	France	6,342
6	UK	5,694
7	Taiwan	5,329
8	Thailand	3,836
9	Italy	3,835
10	Australia	3,643
...		
15	Switzerland	2,251
...		
-	Others	43,129
Total		140,731



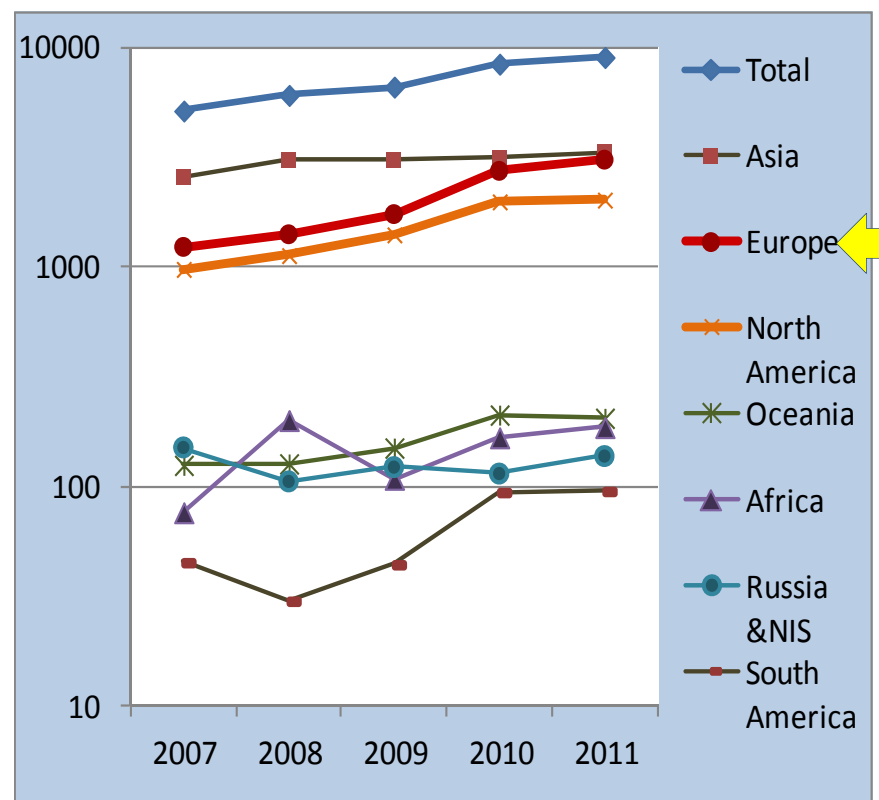
Reference: MEXT. "Outline of the International research collaboration, FY2010".
http://www.mext.go.jp/b_menu/houdou/24/05/1321178.htm

Number of Researchers Exchanged under the JSPS Programs

<To Japan>



<From Japan>



Promoting Global Human Resource Development

“Global 30”

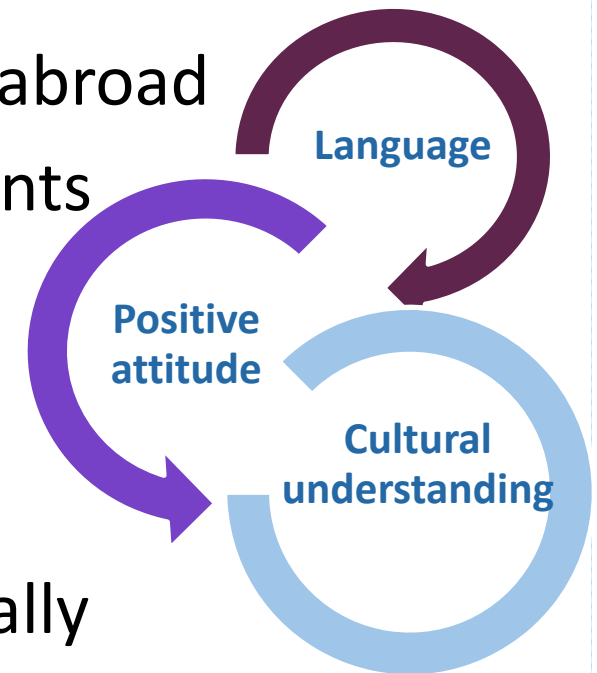
- New curriculum for acquiring diploma in English
- Good infrastructure to attract foreign students

“Project for Promotion of Global Human Resource Development”

- Encourage Japanese students to go abroad
- Develop language skills of the students
- Support teachers to become global
- Internship in foreign countries

“Re-inventing Japan Project”

- Welcome foreign students strategically
- Co-education of Japanese and foreign students



Global 30

Number of International Students As of 2011: **21,429** in total



Support for JSPS French Alumni Association

New Webpage Opened!

<http://anciens-jspss.unistra.fr/>



Established in 28 November 2003, the JSPS Alumni Association now has over 400 members.
President: Dr. Isabelle Sasaki
General Meeting in June 2012 (Photo) →

