



# *JSPS's Collaborative Program with Thailand*

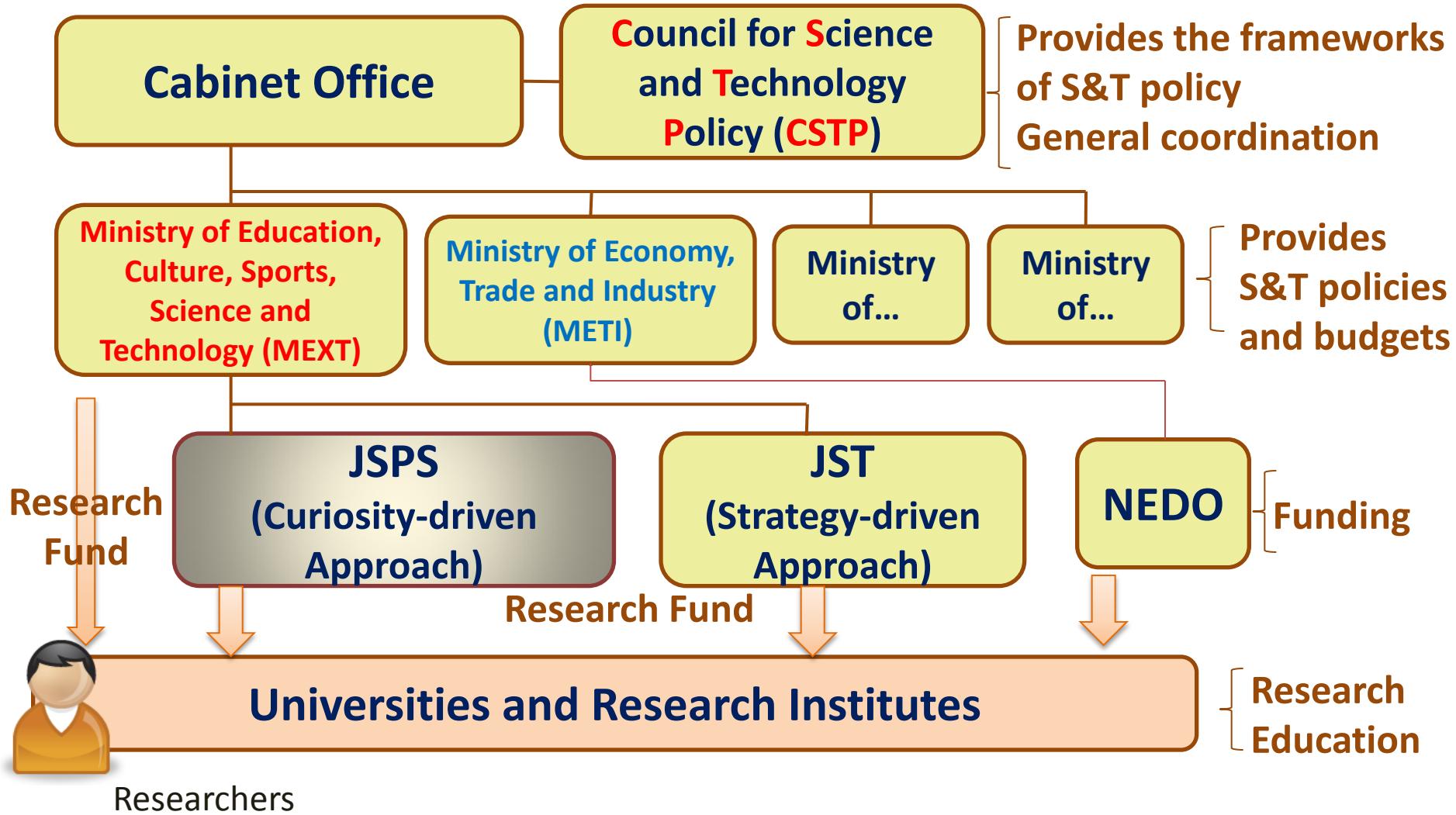
2 May 2014

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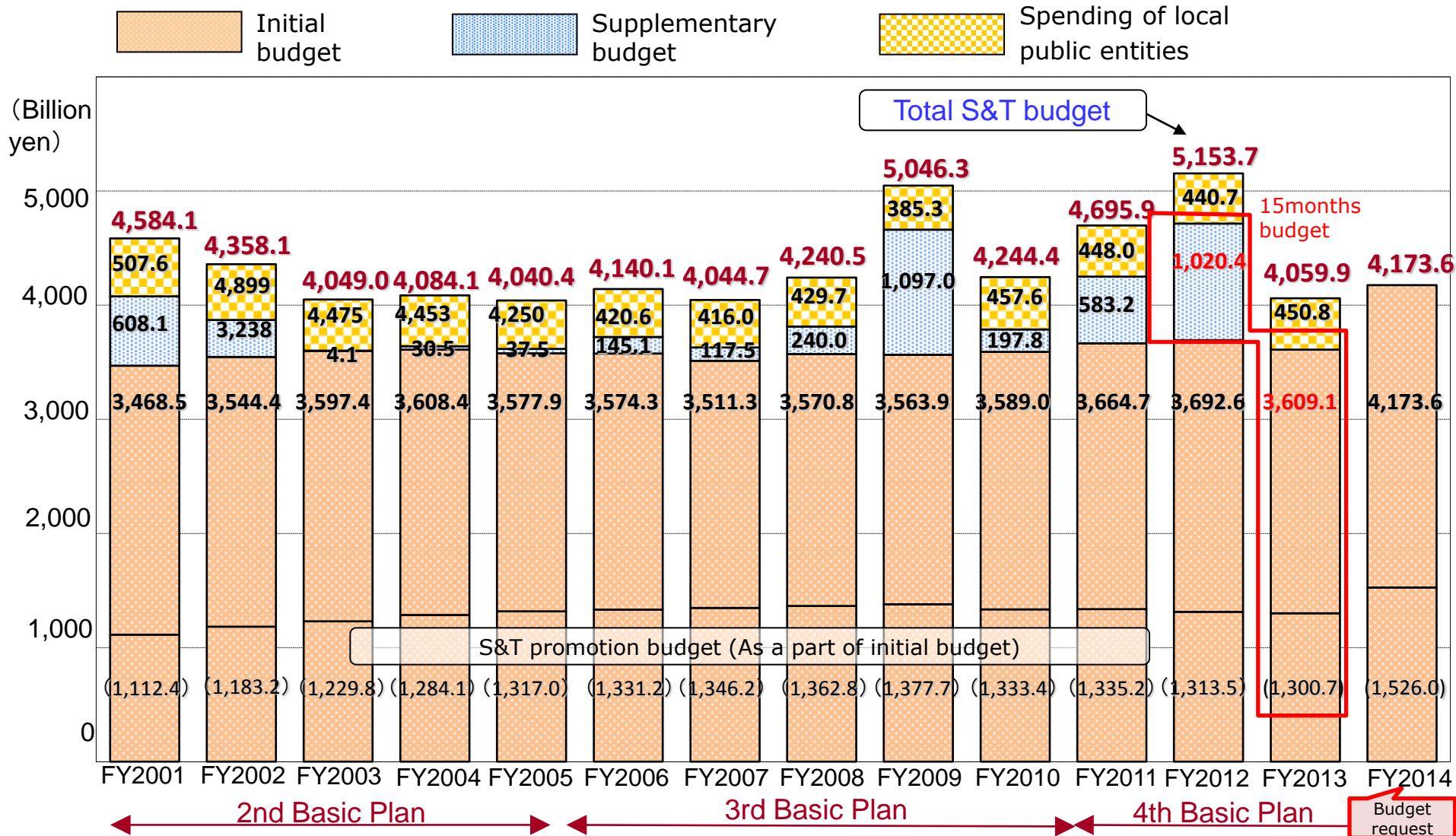
JSPS Bangkok Office

# S&T Policy System in Japan



# S&T Budget

## Transition of Japan's S&T Budget in the 2000s



**1st Plan (FY1996-2000)**  
Investment under the basic plan  
Approx.17 trillion yen  
Actual budget: 17.6 trillion yen

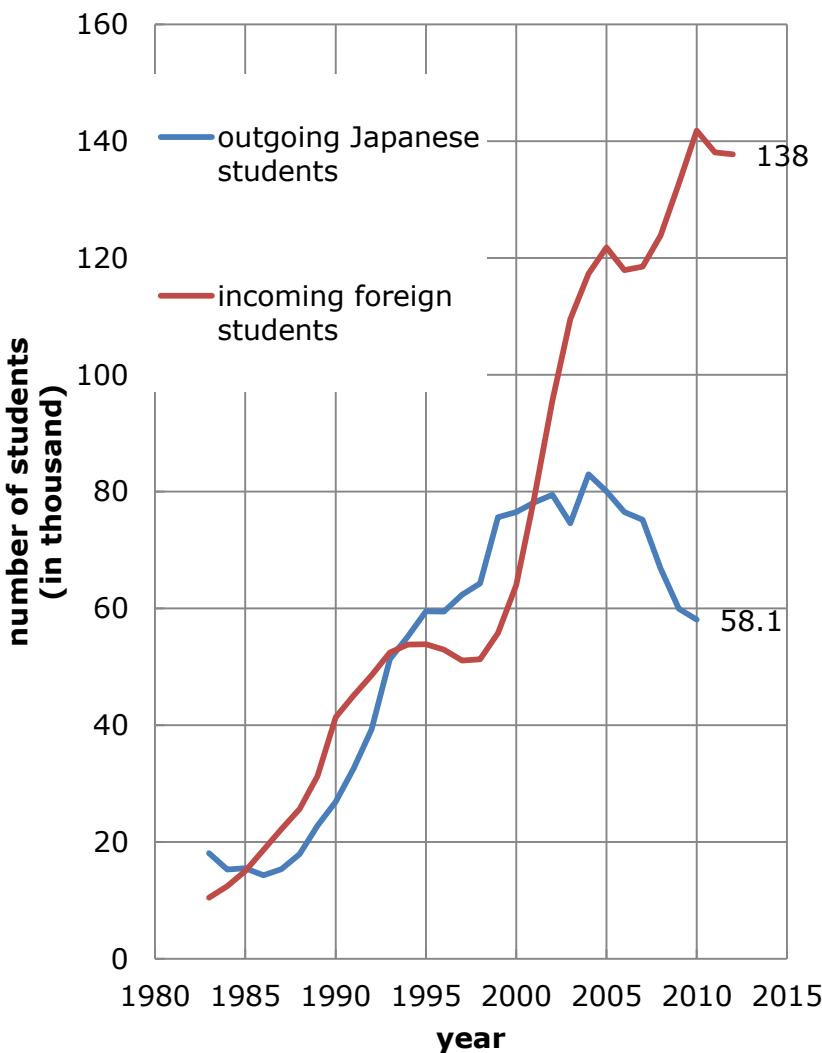
**2nd Plan (FY2001-2005)**  
Investment under the basic plan  
Approx.24 trillion yen  
Actual budget: 21.1 trillion yen

**3rd Plan (FY2006-2010)**  
Investment under the basic plan  
Approx.25 trillion yen  
Actual budget: 21.7 trillion yen

**4th Plan (FY2011-2015)**  
Investment under the basic plan  
Approx.25 trillion yen

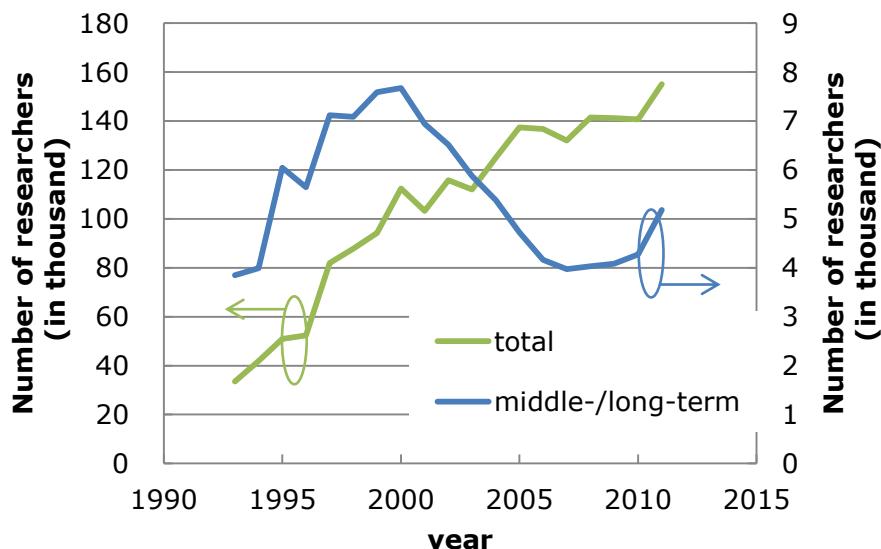
# Mobility of ST&I Human Resources in Japan

## Trends in Student Exchange (higher education stages)

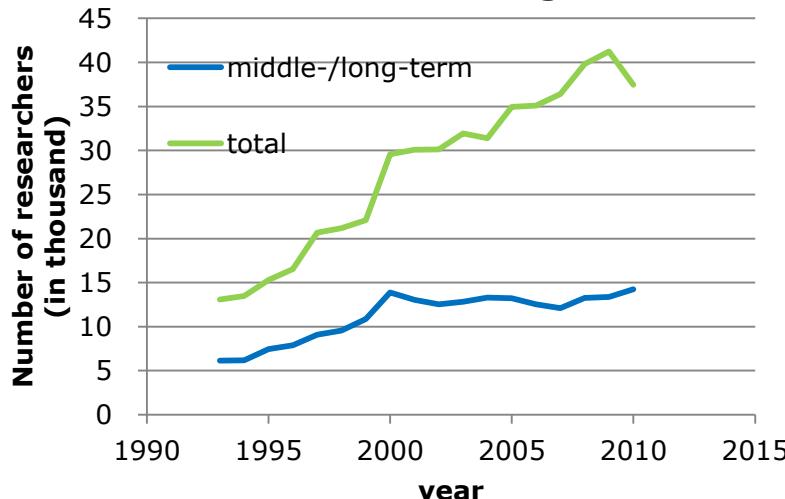


White Paper on Education, Culture, Sports, Science and Technology, 2013

## Number of outgoing researchers



## Number of incoming researchers



Middle-/long-term means that period of stay for research is over 30 days

# Japan Society for the Promotion of Science



## 日本学術振興会

- Established through an endowment by Emperor Showa in 1932

80<sup>th</sup> anniversary!

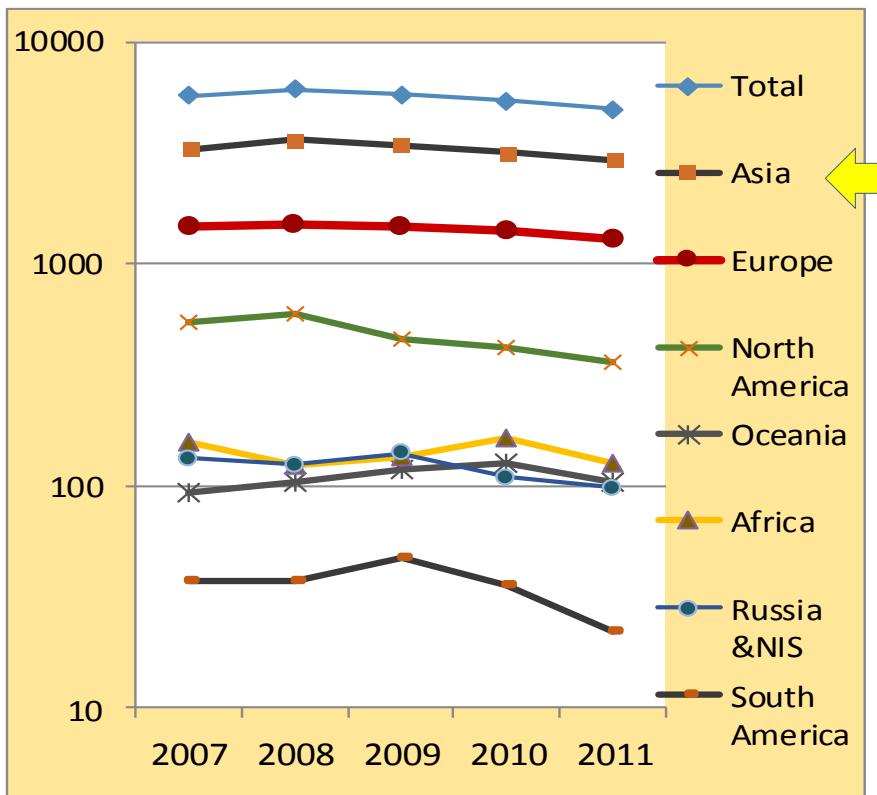


## Major Functions of JSPS

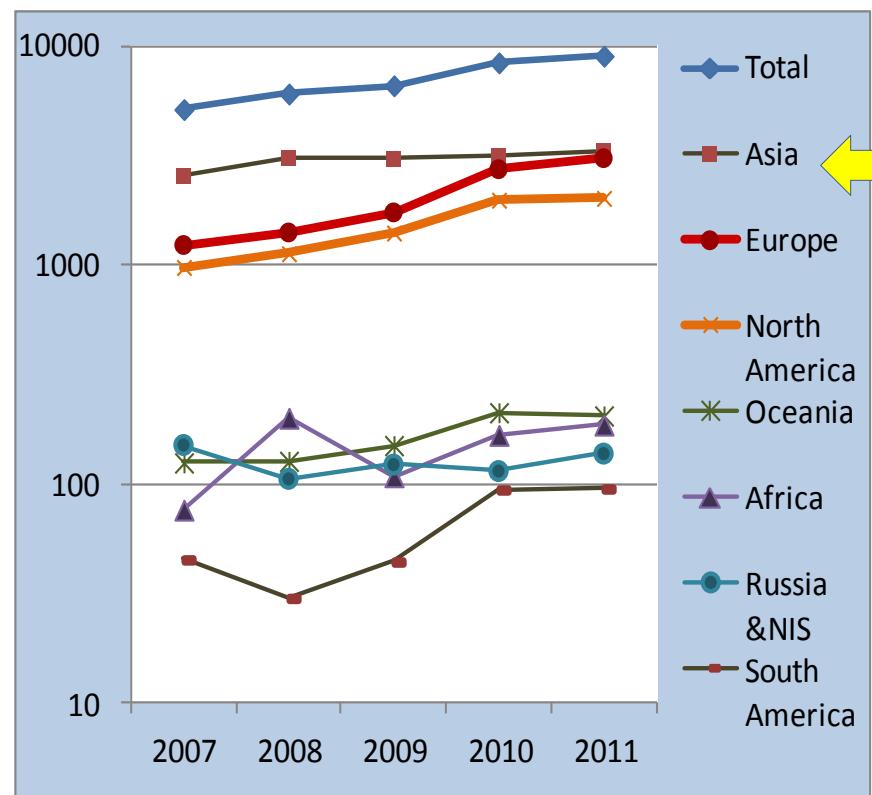
- Funding research initiatives
- Fostering next generation of scientists
- Advancing international collaborations
- Promoting university reform

# Number of Researchers Exchanged under JSPS Programs

## <To Japan>



## <From Japan>



## Thailand → Japan

| 2010 | 2011 | 2012 |
|------|------|------|
| 306  | 324  | 160  |

## Japan → Thailand

| 2010 | 2011 | 2012 |
|------|------|------|
| 293  | 399  | 280  |

# International Programs of JSPS

**Collaborative ties with 83 institutions in 45 countries**

## **(1) Supporting International Joint Research and Seminars**

- Bilateral Programs
- Core-to-Core Program
- G8 Research Councils Initiative
- A3 Foresight Program

etc.

## **(3) Inviting Researchers to Japan**

- Postdoctoral Fellowships for Foreign Researchers
- Invitation Fellowship Programs for Research in Japan

etc.

## **(4) Sending Young Researchers Overseas**

- Postdoctoral Fellowships for Research Abroad
- Strategic Young Researcher Overseas Visits Program for Accelerating Brain Circulation

etc.

## **(5) Supporting University Internationalization**

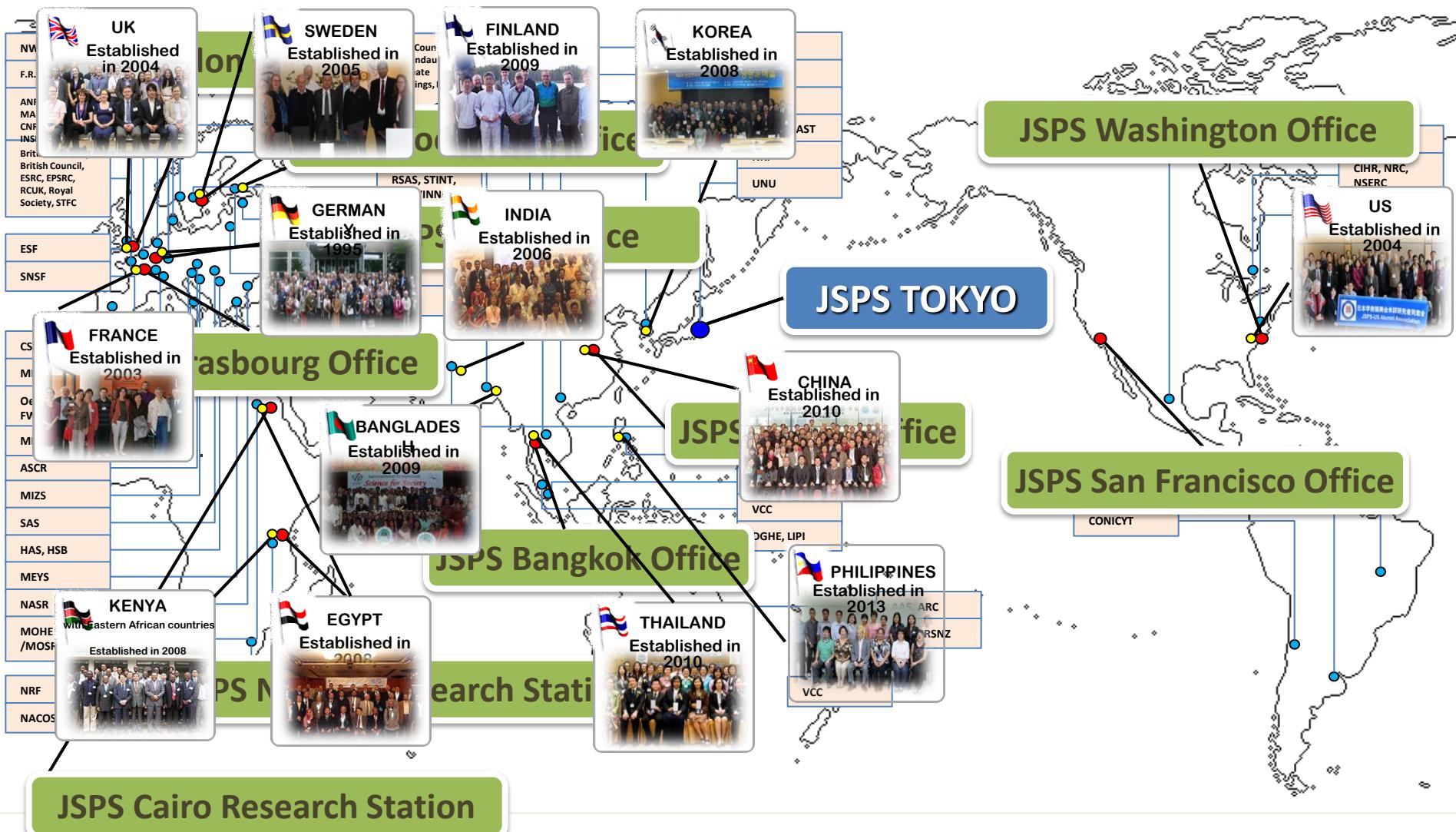
- Supporting the Overseas Development of Japanese Universities
- Providing Practical Overseas Training for University Administrative Staffs

etc.

# JSPS's International Cooperative Networks

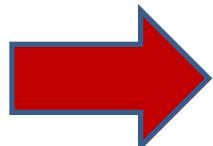


Build robust international cooperative networks through 1) partnership with overseas agencies, 2) JSPS Overseas Offices and 3) JSPS Alumni Associations.



# JSPS International Programs

- ◆ Want to do research in Japan
- ◆ Want to get Ph. D. degree! But no time to go to Graduate school
- ◆ Want to do collaborative research with Japanese researchers



Yes! JSPS supports your demands!

- ◆ Fellowship Programs to Japan
- ◆ Ronpaku (Dissertation PhD) Program
- ◆ Bilateral Joint Research Projects and Seminars
- ◆ Core-to-Core Program

# Fellowship Programs to Japan



## Career Stages of Researchers

Ph.D. Courses

6 years after Ph.D.

Mid career

Professor

### Postdoctoral Fellowships (Standard)

1 - 2 years

About 240 grantees

### Invitation fellowships For Research in Japan

(Long-Term)

2 - 10 months

About 70 grantees

(Short-Term)

14-60 days

About 210 grantees

### Number of Thai fellows invited to Japan

|                         | 2010  | 2011 | 2012 |   |
|-------------------------|-------|------|------|---|
| Postdoctoral Fellowship | 19    | 15   | 15   |   |
| Invitation Fellowship   | Short | 0    | 3    | 2 |
|                         | Long  | 0    | 1    | 3 |

(Short-term S)  
for Nobel laureates  
or recipients of  
similarly high-level  
international prizes

7-30 days  
About a few grantees



# Fellowship Programs to Japan

## Application Process

Find a host researcher in Japan



Contact made between candidate and applicant (host researcher)



Applicant (host researcher) submits application to institution's head office



Office submits application to JSPS

Deadline: First Week of September/May  
Duration: 1 – 2 years



Notification: Next January/August



Commencement: Next Financial Year ( Apr.-Sep./Sep.-Mar. )

Application Deadline

1<sup>st</sup> Recruitment: September  
2<sup>nd</sup> Recruitment: May

COMMENCEMENT OF FELLOWSHIPS

For the 1<sup>st</sup> Recruitment:  
April 1 – September 30

For the 2<sup>nd</sup> Recruitment:  
September 1 – November 30

**\*Invitation Fellowship Program for long term has only one deadline in September and commencement is from Apr. to March in the same fiscal year.**

## Overview

- Aims to give opportunities for young researchers mainly in Asian and African countries to obtain PhD degrees from Japanese universities by submitting dissertations
- Fellows are invited every year to visit their Japanese host researchers within maximum period of 3 years
- Their host Japanese researchers are also allowed to visit the fellows in their countries
- Approximately 30 fellows are newly selected every year



Successful  
Ronpaku fellow  
with her host  
researcher

# Ronpaku (Dissertation PhD) Program

## Eligibility of Japanese Host Researchers:

- A full-time researcher
- Engaged in implementing a doctoral course at the Japanese University

## Eligibility of Ronpaku Fellow:

- Hold a full-time position as a researcher in a university or research institution in his/her home country
- Under age 45

## Duration of Fellowship:

- Up to 3 years

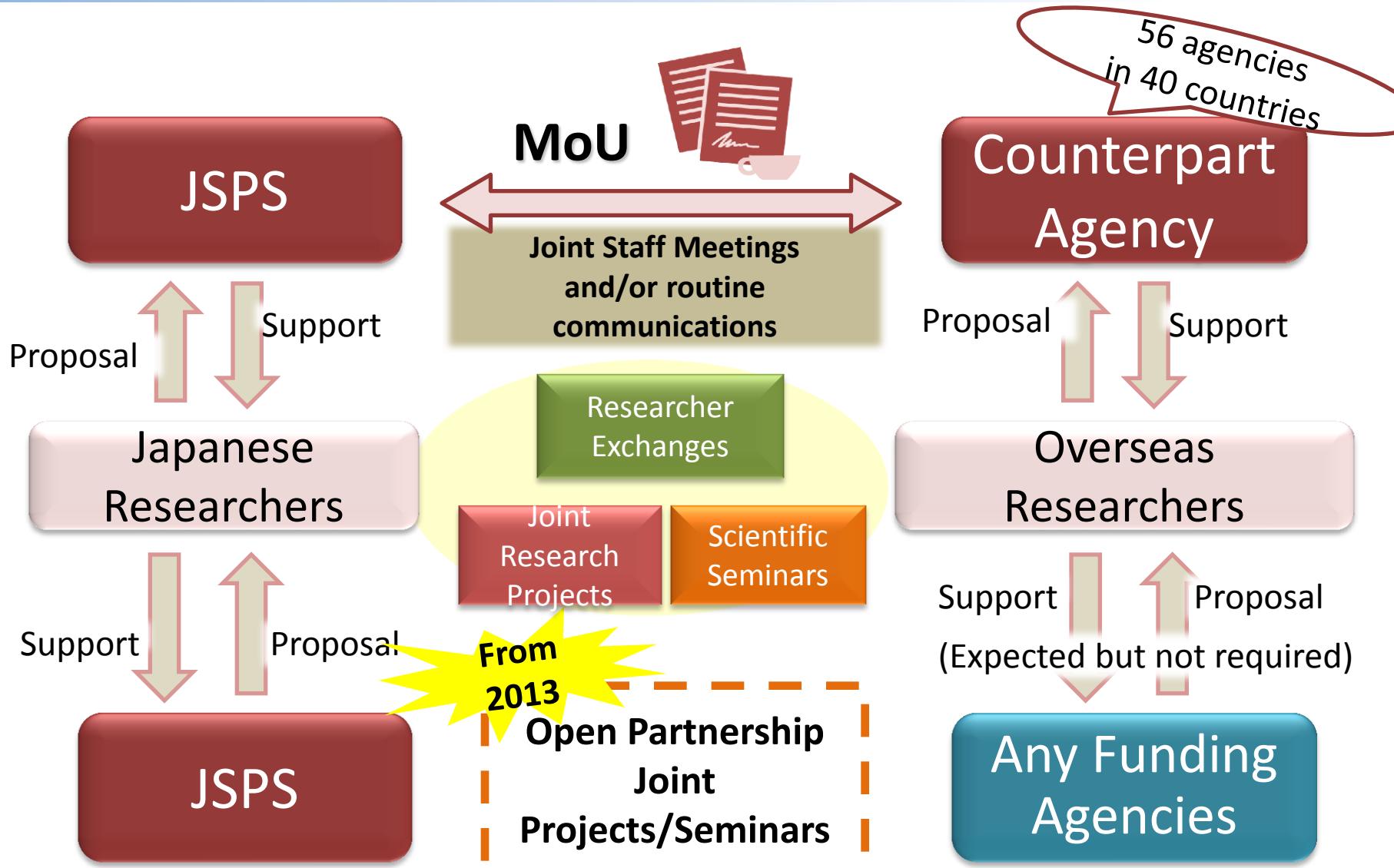
## Financial Support:

- Total funding 3.6 million yen, or 1.2million Bahts
- Travel expenses between Japan and Thailand and within Japan by the fellow and host researchers

# of fellows successfully received PhD  
(1978-2011)

| Country     | #   | Country                              | #   |
|-------------|-----|--------------------------------------|-----|
| Thai        | 197 | Malaysia                             | 24  |
| Indonesia   | 135 | Vietnam                              | 25  |
| Philippines | 76  | Bangladesh                           | 10  |
| Korea       | 70  | Singapore                            | 4   |
| China       | 60  | Mongolia                             | 1   |
| India       | 30  | TOTAL<br>(including other countries) | 639 |

# Bilateral Joint Research Projects / Seminars



In Thailand, NRCT is responsible for applying for Bilateral cooperation program. Please contact NRCT and see brochure for details.

# Core-to-Core Program



## A. Advanced Research Networks

- Promote International collaboration in cutting edge fields by creating world-class research hubs and fostering new generations of talented researchers in Japan and other countries
- Target: **Any country** in the world
- Grants: Up to JPY 20 million /year from JSPS + matching funds from counterpart countries required
- Project Duration: 5 years
- Number of projects per fiscal year: 10

## B. Asia-Africa Science Platform

- Japanese research institutions take the lead in building research hubs and fostering young researchers to jointly contribute to Asia/Africa region
- Target: Asian and/or Africa countries
- Grants: Up to JPY 8 million/year from JSPS (doesn't require any matching funds)
- Project Duration: 3 years
- Number of projects per fiscal year: 10

Japanese research institutions are eligible to apply for this program as a core institution. Institutions in counterpart countries join and create research hubs with core institution.



# Deadlines #1



## Postdoctoral Fellowships (Standard)

1<sup>st</sup> recruitment: **September** for starting April-September

2<sup>nd</sup> recruitment: **May** for starting September-November

## Invitation Fellowship Program for Research in Japan

### <Short term>

1<sup>st</sup> recruitment: **September** for starting April-September

2<sup>nd</sup> recruitment: **May** for starting October-March

### <Long term>

**September** for starting all year

## RONPAKU (Dissertation PhD) Program

August

※Candidates must send their application documents to their prospective Japanese advisor well in advance of deadline.

\*As some universities and institutions have their own deadline, please consult prospective Japanese host researchers with regard to the time frame.

# Deadlines #2



## Bilateral Joint Research Projects

**Please contact NRCT for application (see brochure).**

[With JSPS's Counterpart Institutions (NRCT in Thailand)]: September

## Core-to-Core Program

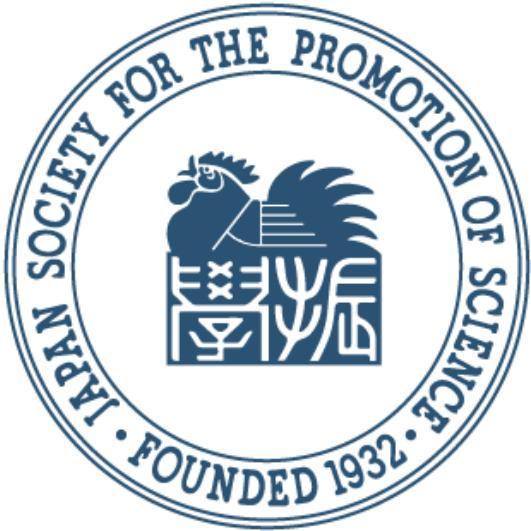
- A. Advanced Research Networks
- B. Asia-Africa Science Platforms

**October**

\*As some universities have their own deadline, please consult prospective Japanese host researchers with regard to the time frame.



# Thank you !!



**For details, please visit our website:**  
**[www.jspst-h.org](http://www.jspst-h.org)**