



# JSPS

**(Japan Society for the Promotion of Science)**

**-Japan's Research Funding Agency-**

**Tomo SAITO**

**Deputy Director**

**Japan Society for the Promotion of Science (JSPS)**

**October 2011**

## Introduction of JSPS

# Japan Society for the Promotion of Science

## 日本学術振興会

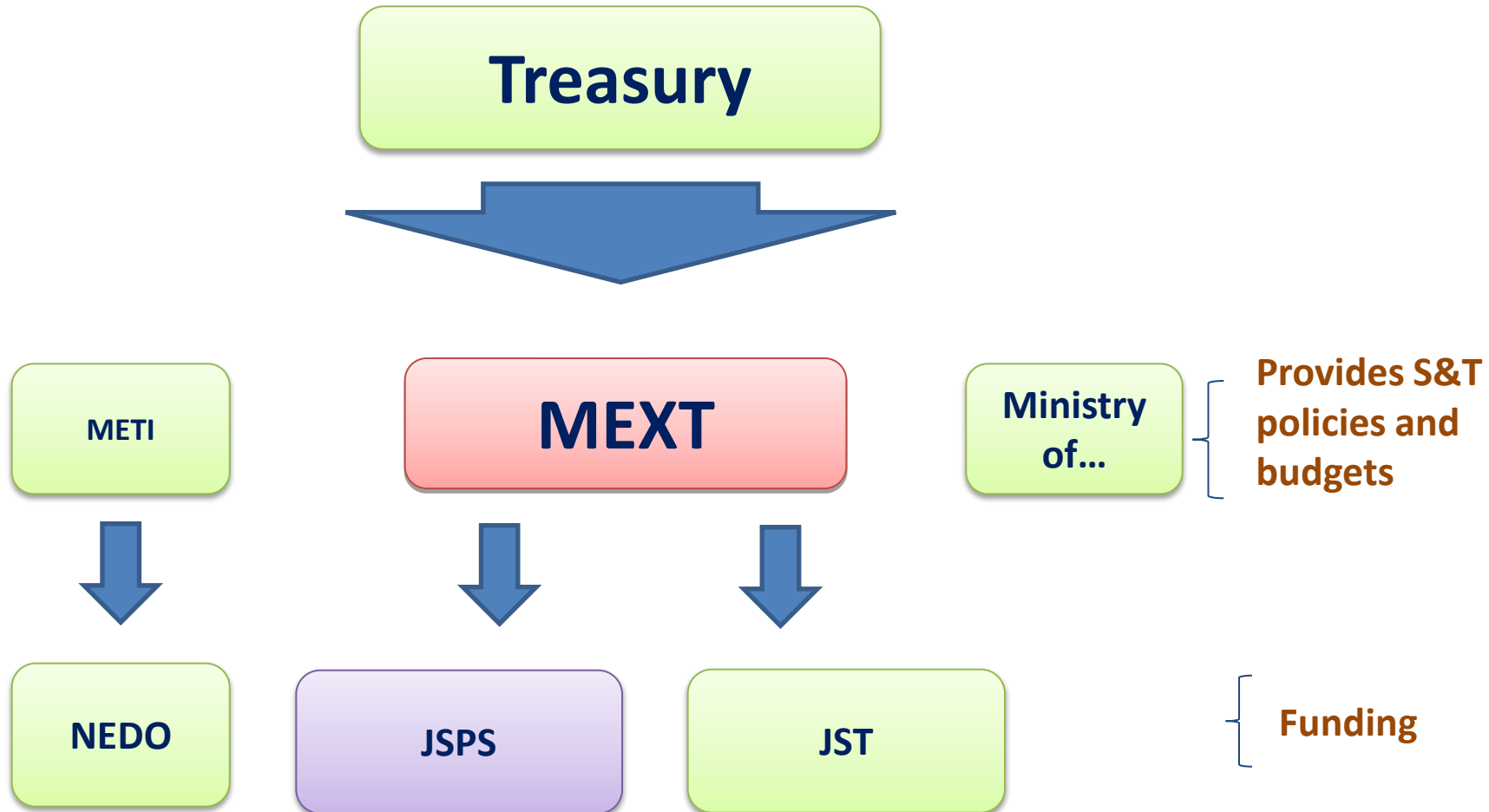
- Established through an endowment by Emperor Showa in 1932



**Rooster:**  
Harbinger of new knowledge that  
promises a brilliant future for  
humankind.



# Who we are



## What we do

# Japan **S**ociety for the **P**romotion of **S**cience

- **Funding research initiatives**  
Competitive research funding: Grants-in-Aid
- **Fostering next generation of scientists**  
Research fellowships for young scientists
- **Promoting university reform**  
Joint programs with Ministry of Education and Science
- **Advancing international collaborations**  
Collaborations with overseas partners



# The facts

We have annually supported

**59,000** projects

Through Grant-in-aid

£ **1.6** billion  
distributed

**25%**

Success Rate

We have annually supported

**6000**

Foreign Researches -> Japan

**6000**

Japanese Researchers -> Abroad

We have annually supported international collaboration

**500**

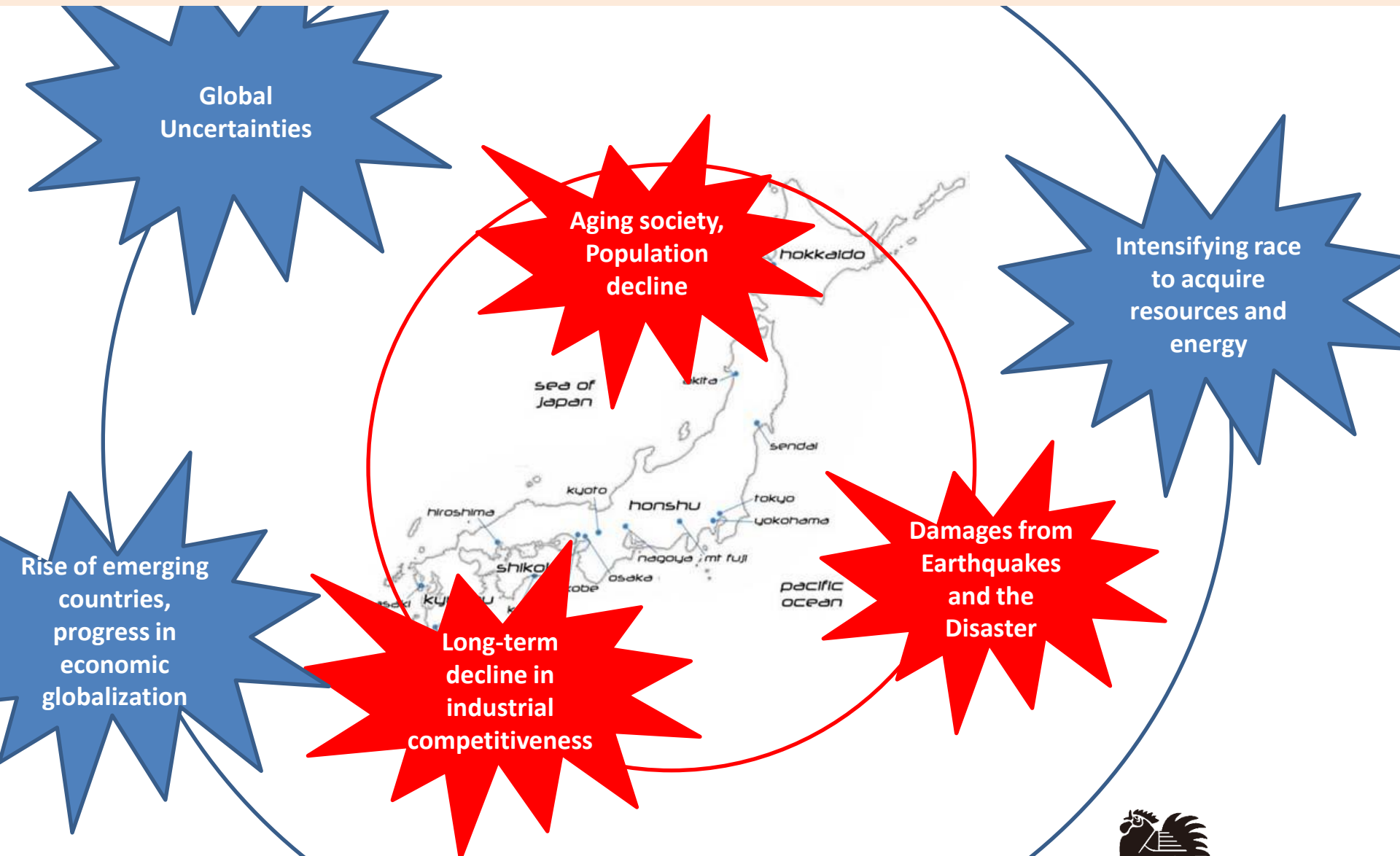
Research Projects/Seminars  
Through Bilateral Exchanges scheme

**90**

Research Hubs  
Through Multilateral Collaborations Scheme



# Rapidly changing world and Japan's crises



# Japan's The 4<sup>th</sup> Basic Plan for S&T

19 August 2011

**Addressing key challenges and promoting efforts to enhance Japan's basic research and human resources development as "two wheels of one cart."**

## Addressing key challenges facing Japan

1. Reconstruction and revival from the disaster
2. Green Innovation
3. Life Innovation

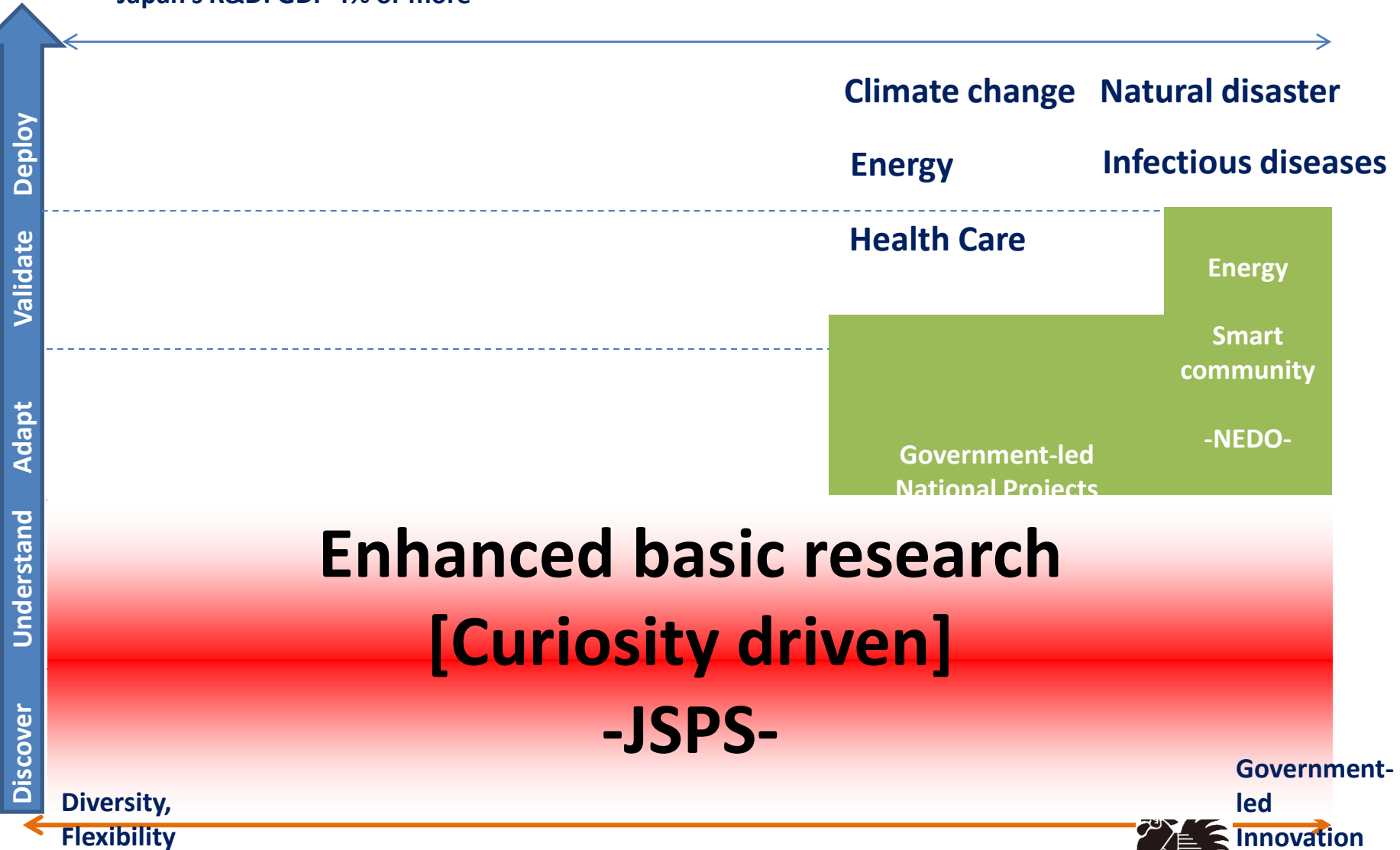
## Enhancement of basic research and human resources development

1. Enhancing creative and diverse basic research (Further expansion of scientific research subsidies)
2. Enhancing globally top-level basic research

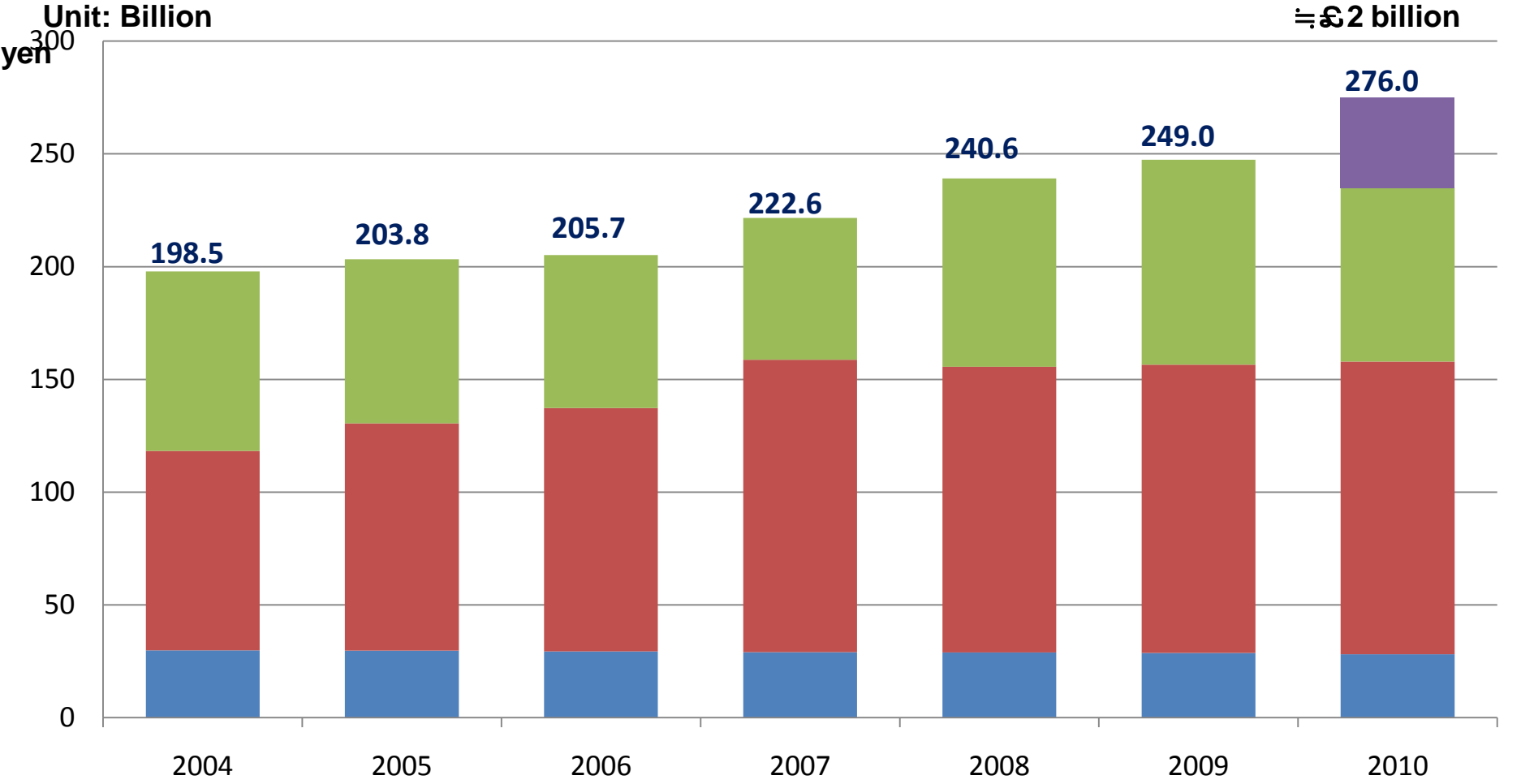


# Where we are, and our funding approach

Japan's R&D: GDP 4% or more



# Budgets of JSPS



- Government subsidies for JSPS
- Grants-in-Aid for Scientific Research
- Indirect funding
- Grants for Strategically Advancing Cutting-edge R&D





## **Assistance during your stay in Japan**

# JSPS Postdoctoral Fellowship Programme Guidelines

平成 22 年度  
日本学術振興会外国人特別研究員事業  
諸手続の手引

The JSPS Postdoctoral Fellowship  
For Foreign Researchers

PROGRAM GUIDELINES  
FY2010

**-These booklet provide the details of the terms, conditions, and procedure of this fellowship.**

平成 22 年度  
日本学術振興会  
外国人特別研究員（欧米短期）事業  
諸手続の手引

The JSPS Postdoctoral Fellowship for  
North American and European  
Researchers (Short-Term)

PROGRAM GUIDELINES  
(FY2010)

**-These are very important for both you and your host researcher.**

独立行政法  
Japan Society for

独立行政法人日本学術振興会  
Japan Society for the Promotion of Science



# Life in JAPAN



## PICK UP

**Living Accommodations in Japan**

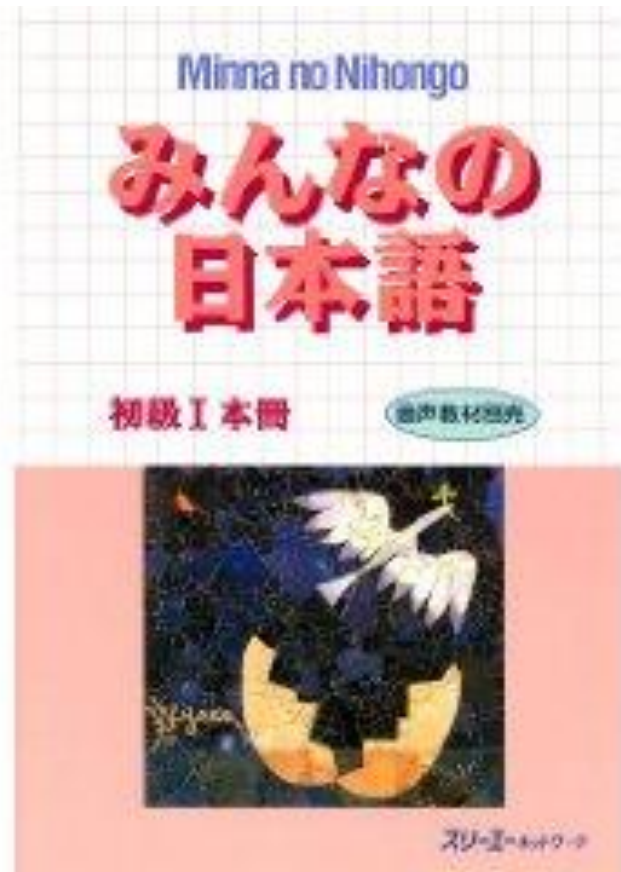
**Opening a Bank Account**

**Mobile phone**

**Internet access**



# Japanese Language Textbook



Available online



# Science Dialogue



10 Dec 2008, Aichi,  
Aichi Zuiryo High School  
Dr. B. J. RIPLEY(U.K.)  
*The Science of Green Tea*



JSPS science dialogue

Search



JSPS London



What kind of Programmes does JSPS run to facilitate international collaboration?

## **WHAT DOES JSPS DO FOR INTERNATIONAL COLLABORATION?**



# Program schemes based on the configuration of research collaboration

INSTITUTION  
To  
INSTITUTION

Core-to-Core Program  
Young Researcher Overseas Visits Program

GROUP  
To  
GROUP

Joint Research Projects  
Joint Research Seminars

INDIVIDUALS

Postdoctoral Fellowships  
Invitation Fellowships  
Scientist Exchanges  
Symposiums



# Collaboration between Individuals

## Fellowship Programs to Japan



Post Graduate

PhD

6 years after PhD

Mid-career

Professor

Nobel Prize level

Postdoctoral Fellowships (Standard)

1 - 2 years

Postdoctoral Fellowships (Short-term)

1 - 12 months

Summer Program

2 months during summer

Invitation fellowships (Long-Term)

61 days - 10 months

(Short-Term)

14 - 60 days

Award for Eminent Scientists

Up to 12 months



# Collaboration between Groups

## Bilateral Cooperation

Natural Science

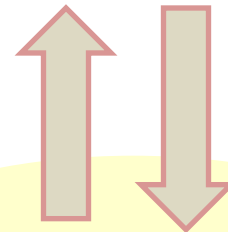
JSPS will cover the costs of the Japanese team only



10 projects annually

Proposal

Support



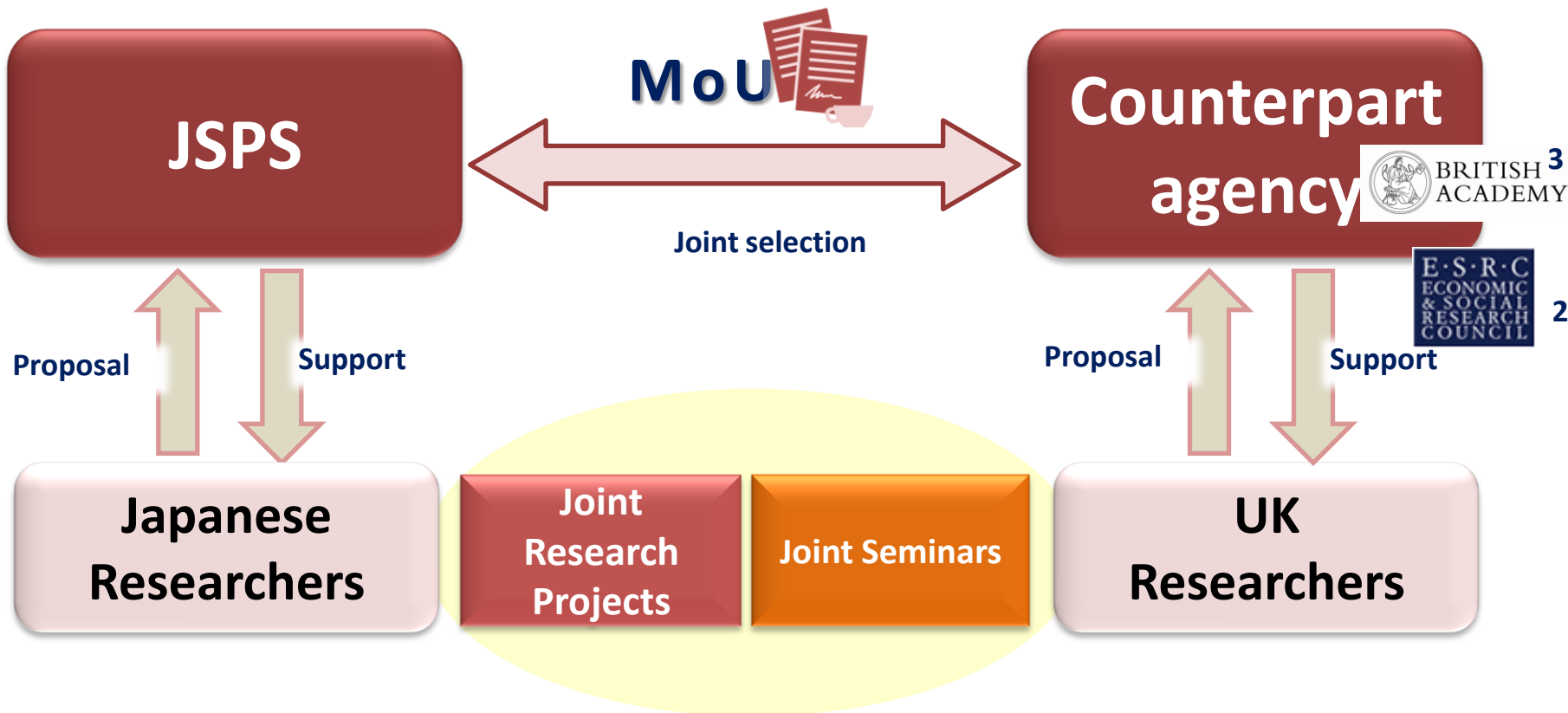
- Projects receive annual funding from about £20,000 per year for up to 2 years.



# Collaboration between Groups

## Bilateral Cooperation Based on MoUs

Humanities and Social  
Science



- Projects receive annual funding from about £20,000 per year for up to 2 years.



## Multilateral

Research Funding



10 projects

- Projects receive annual funding from about **£160,000** per year for 5 years.

- JSPS currently supports 6 projects with UK research institutions.

- Culham Science Centre
- The University of Manchester
- The University of Southampton
- Rutherford Appleton Laboratory
- The University of Edinburgh
- The University of Aberdeen

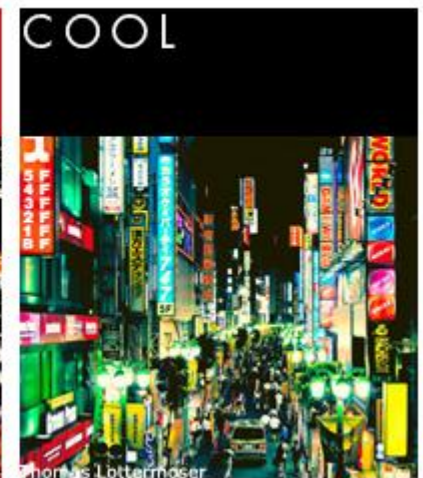
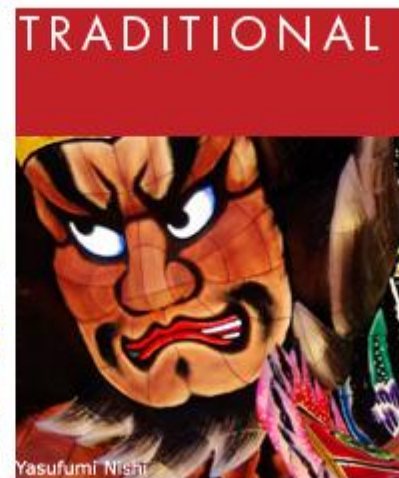
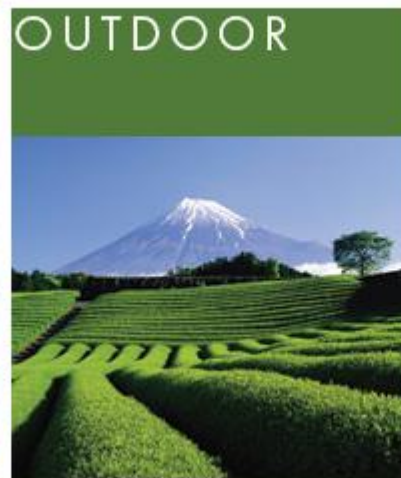


# Collaboration between Institutions

| Duration           | Research Theme   | Core Institute in Japan       | Partner Research Institute in UK            | Partner Research Institutes except UK  |
|--------------------|--|-------------------------------|---|--|
| 2010/4/1-2012/3/31 | centre for Magnetic Self- Organization in Laboratory and Astrophysical Plasmas               | The University of Tokyo       | Culham Science centre                       | <ul style="list-style-type: none"> <li>•Princeton University(USA)</li> <li>•University of Padova(Italy)</li> </ul>   |
| 2010/4/1-2012/3/31 | Photoionisation- induced switch in aromatic molecule- solvent recognition                    | Tokyo Institute of Technology | The University of Manchester                | <ul style="list-style-type: none"> <li>•Technical University of Berlin (TU Berlin)(Germany)</li> </ul>   |
| 2009/4/1-2012/3/31 | International Research Network for Dark Energy   | The University of Tokyo       | University of Edinburgh                     | <ul style="list-style-type: none"> <li>•Princeton University(USA)</li> <li>•Institute for Astrophysics at Paris(France)</li> </ul>   |
| 2009/4/1-2012/3/31 | High Energy Density Science  | Osaka University              | Rutherford Appleton Laboratory              | <ul style="list-style-type: none"> <li>•Ecole Polytechnique(France)</li> <li>•University of California San Diego(USA)</li> </ul>   |
| 2009/4/1-2012/3/31 | centre for Magnetic Resonance Molecular Imaging of In Vivo Redox System                      | Kyushu University             | University of Aberdeen                      | <ul style="list-style-type: none"> <li>•The Ohio State University(USA)</li> <li>•Monash University(Australia)</li> <li>•Martin Luther University of Halle-Wittenberg(Germany)</li> <li>•Chinese Academy of Science(China)</li> </ul>   |
| 2010/4/1-2013/3/31 | Studies on Ecological Interaction Networks that Promote Biodiversity—From Gene to Ecosystem— | Kyoto University              | Rothamsted Research, Southampton University | <ul style="list-style-type: none"> <li>•University of Amsterdam(Netherlands)</li> <li>The University of Western Ontario(Canada)</li> <li>Max Planck Institute of Chemical Ecologyz(Germany)</li> <li>Free University of Berlin(Germany)</li> <li>•University of MinnesotaDuluth(USA)</li> <li>University of Turin(Italy)</li> <li>University of Nuchatel(Switzerland)</li> </ul> |
| 2009/4/1-2014/3/31 | Collaborative Research centre on Ultrahigh-speed Optical Communication                       | Tohoku University             | University of Southampton                   | <ul style="list-style-type: none"> <li>•Heinrich Hertz Institute(Germany)</li> <li>•Technical University of Denmark(Denmark)</li> </ul>  |



# Thank you.



**Tomo SAITO**

**Deputy Director  
Japan Society for the Promotion of Science (JSPS)**

**14 Stephenson Way, London, NW1 2HD, United Kingdom  
+44 (0)20 7255 4660 saito@jsps.org**



**JSPS London**