



Introduction of e-ASIA JRP Activities



Monday, 2nd December, 2013

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Topics

1. **Outline of e-ASIA JRP**
2. **Promotion of Research Exchange of Young Talent in e-ASIA JRP Projects**
3. **What e-ASIA JRP expects from this WS**

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What is the e-ASIA JRP (East Asia Joint Research Program)?

Concept

To build a Science & Technology community

to stimulate innovation and development

and

to resolve shared challenges

in the East Asian region

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East Asia Joint Research Program (e-ASIA JRP)

Objectives

1. Cultivate the Asian science and technology community
2. Raise the standard of science and technology in the East Asian region and realize an innovative economy and society
3. Pursue synergistic effects through multilateral cooperation
4. Respect and leverage the diversity in the East Asian region
5. Establish and develop equal partnerships

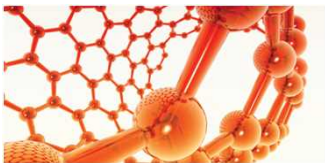


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East Asia Joint Research Program (e-ASIA JRP)

Fields of Cooperation



Nanotechnology / Materials



Biomass / Plant Science



Infectious Diseases



Disaster Prevention




Advanced Interdisciplinary Research
towards Innovation



Others

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East Asia Joint Research Program (e-ASIA JRP)

Current Members

10 countries 12 organizations (as of November 2013)


 Cambodia MOH	 Indonesia RISTEK	 Japan MEXT / JST	 Lao PDR MOH/MOST	 Malaysia MOSTI(*)
 Myanmar MOST	 Philippines DOST	 Thailand NSTDA	 U.S. NIAID (NIH) NCI (NIH)	 Vietnam MOST

*Quasi Member

■ **Prospective Members:**
Public funding institutions in the 18 East Asia Summit (EAS) participating countries

For more details → <http://www.the-easia.org/jrp/>

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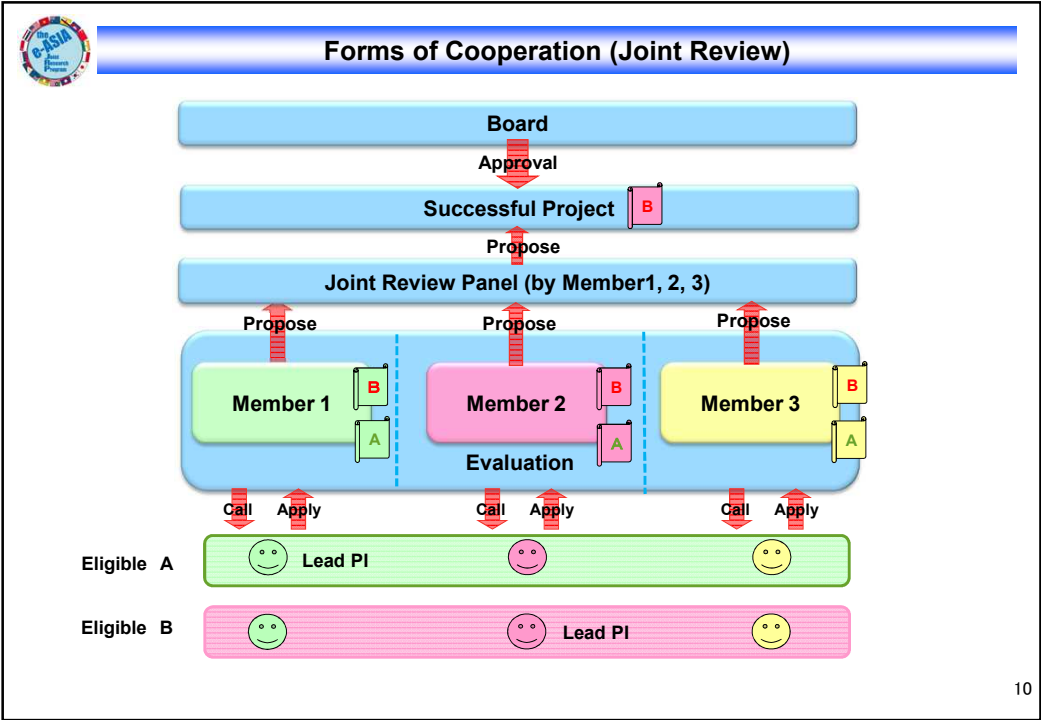
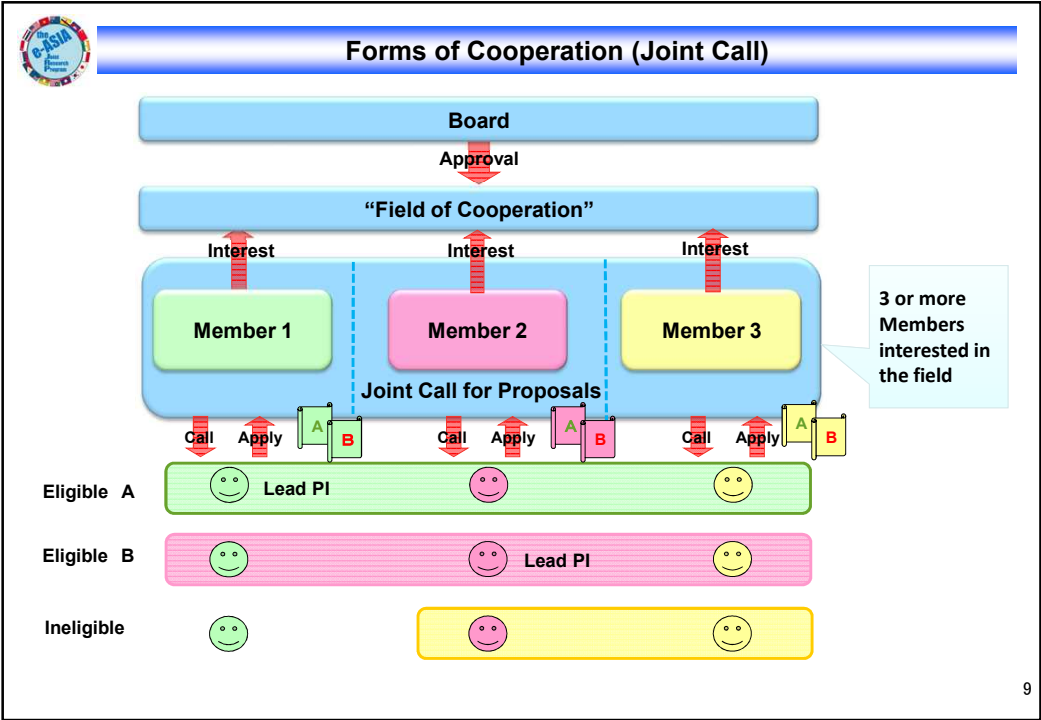
East Asia Joint Research Program (e-ASIA JRP)

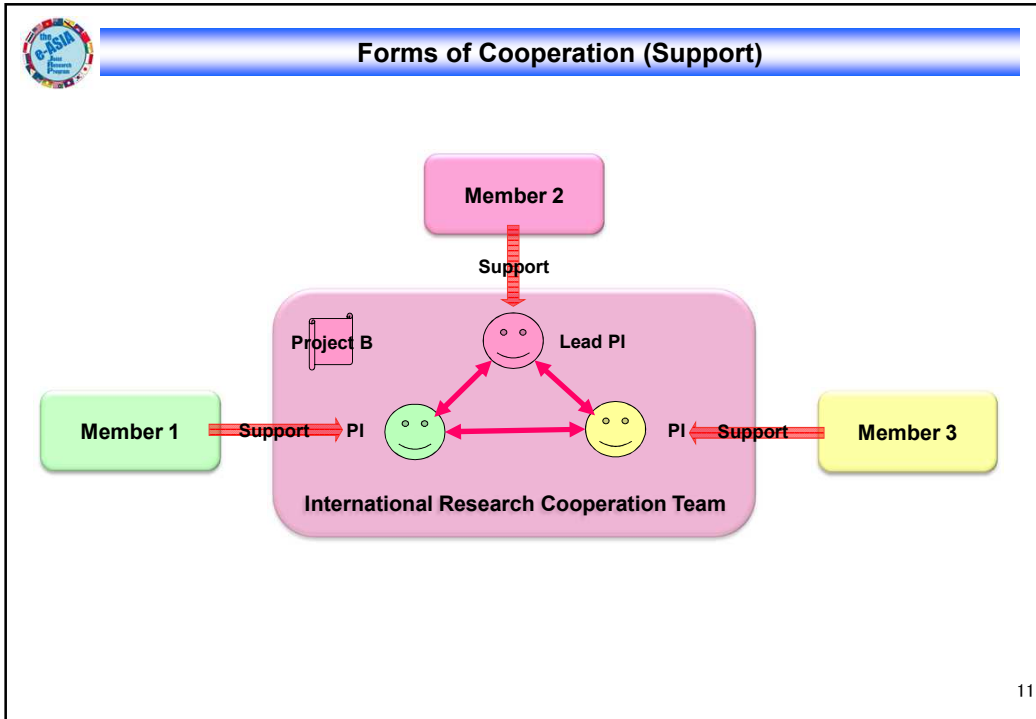
Forms of Cooperation

1. Joint research by **multilateral co-funds**
2. Research exchange by on-top funding
3. Information exchange (for example, national priorities and best practices)
4. Promotion of research exchange and networking among young researchers

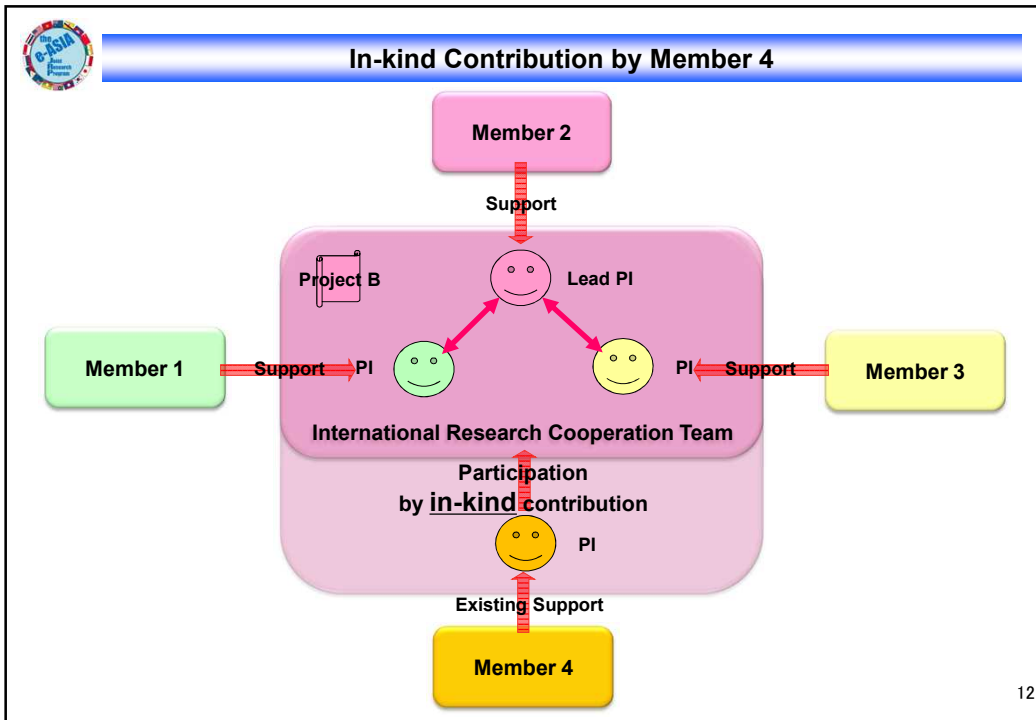
Mechanism

- **On a Call by Call basis**
Participating members will decide whether participate or not to participate
- **Co-funds**
Members participating in each Call (min. 3) fund their own researchers:
funding should not cross national borders






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Joint Call for Proposals in e-ASIA JRP

1st Pilot Joint Call for Proposals

☐ **Participating members:**
JST (Japan), MOST (Vietnam) and NSTDA (Thailand)


☐ **Fields of research:**
“Nanotechnology and Materials” and “Biomass and Plant Science”

☐ **Call duration:**
2nd - 31st May 2012




☐ **Outcome:**
2 proposals approved in “Nanotechnology/Materials” (11 received)
1 proposal approved in “Biomass/Plant Science” (3 received)

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Joint Call for Proposals in e-ASIA JRP

1st Pilot Joint Call for Proposals

☐ Budget provided to each project (in total):

	Japan :	39 million JPY (roughly 390,000 USD)
	Vietnam:	2.5-3.7 billion VND (roughly 120,000-177,000 USD)
	Thailand:	2-5 million THB (roughly 65,000-163,000 USD)

*All budget items must conform to the rules and regulations of each participating member

☐ Research project duration: 3 years (36 months)

- Corrosion Mapping of Structural Materials in Asian Area with Understanding Effects of Environmental Factors (Materials)
- Plasmonic Bio-Sensor for Detecting Serious Diseases in Southeast Asia (Nano-tech)
- Advancement of Asian Cassava Molecular Breeding by Cutting-edge Technologies (Biomass)

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Joint Call for Proposals in e-ASIA JRP

2nd Pilot Joint Call for Proposals

☐ **Participating members:**

JST (Japan), DOST (the Philippines) and MOST (Vietnam)

☐ **Fields of research:**

"Infectious Diseases"



☐ **Call duration:**

8th Feb – 15th April 2013

☐ **Research project duration: 3 years (36 months)**

- International study on pulmonary diseases infected with influenza virus and *Mycobacterium tuberculosis*
- Comprehensive study on virus quasi-species and vascular permeability factors in severe dengue infection in humans for innovative epidemic and clinical managements


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Promotion of Research Exchange among Young Researchers


GOJ Scholarships related to e-ASIA JRP Projects 2013

Special Scholarships for e-ASIA Projects

- ☐ **5 Special Reserves**
- ☐ **for a PhD lasting 3 years (36 months)**

Provided by:
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

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Promotion of Research Exchange among Young Researchers

Requirements

Applicants must:

- ☐ Hold a Master's Degree in the field of e-ASIA JRP projects
- ☐ National of e-ASIA JRP member country
- ☐ Born after 2nd April 1979

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Promotion of Research Exchange among Young Researchers

Application and Selection

- ☐ Due date for Pre-screening by JST: mid December
- ☐ Applicants who pass JST screening are then put in touch with e-ASIA JRP project PIs to **go through the university admissions process** – exams, interviews, etc. depending on the university
- ☐ Applicants who pass university admissions process will go to the final stage – **Final Decision by MEXT**

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Promotion of Research Exchange among Young Researchers

Further Details

General scholarship details:
www.mext.go.jp/a_menu/koutou/ryugaku/boshu/1319066.htm

e-ASIA JRP selected projects:
www.jst.go.jp/pr/info/info922/Attachments1_e.html


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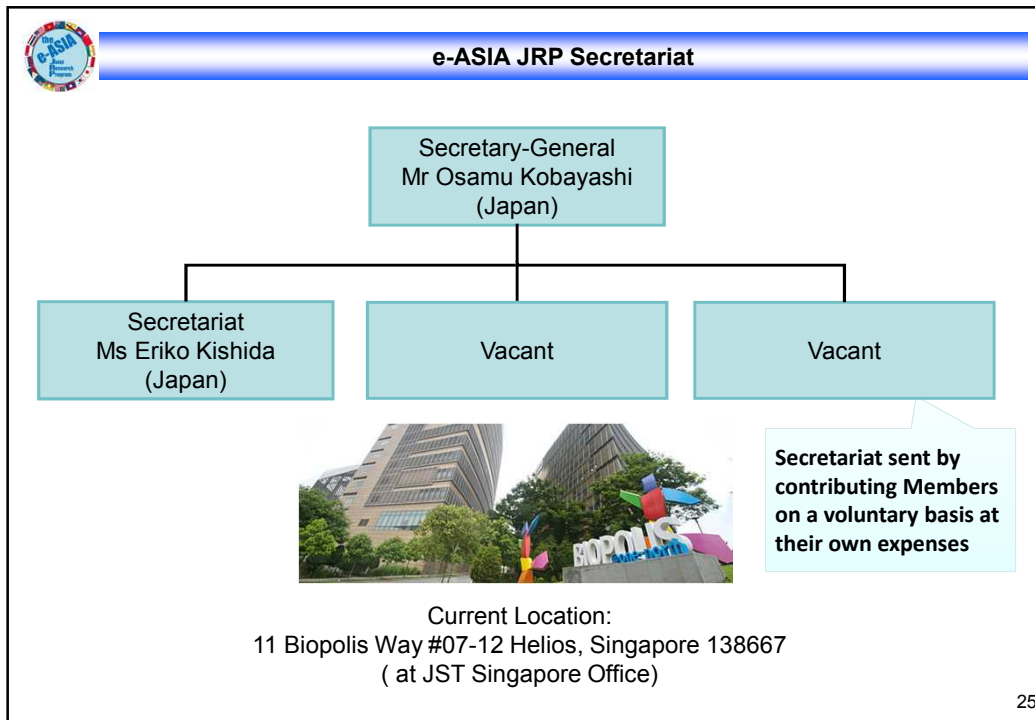
What expected from this Workshop

Discussion Points

**Theme of WS:
“Intelligent Infrastructure”**

1. Importance of research in this field
2. Potential research areas or topics for future joint research and possible multilateral joint research projects
3. Necessity of international collaboration and expected synergistic effects
4. Possible composition of research teams and scientific contribution from each country

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Thank you for your attention!

If you have any questions, please feel free to contact me or Ms. Kishida (at the e-ASIA Secretariat)
easiajrp@jst.go.jp / e2kishid@jst.go.jp

<http://www.the-easia.org/jrp/>

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