

e-ASIA Joint Research Program (e-ASIA JRP)
Joint Research Project in the field of “Advanced Interdisciplinary Research towards Innovation”

Within the framework of the e-ASIA Joint Research Program (e-ASIA JRP)*¹, the following 1 collaborative project was newly selected in the field of “Advanced Interdisciplinary Research towards Innovation” on the topic of “Intelligent Infrastructure for Energy” with the approval of the e-ASIA Board. 6 organizations from 6 countries participated in this joint call for proposals*².

“Research of Expandable Cluster-based Energy Infrastructure in e-Asia

Countries” to be conducted jointly by:

Japan: Yosuke Nakanishi, Professor, Graduate School of Environment and Energy Engineering, Waseda University

Thailand: Udom Lewlomphaisarl, Unit Director, Advanced Automation and Electronics Research Unit, National Electronics and Computer Technology Center (NECTEC)

Philippines: Noel Estoperez, Professor, Department of Electrical Engineering, Mindanao State University - Iligan Institute of Technology

Indonesia: Abraham Lomi, Professor, Research Center of Renewable Energy, Department of Electrical Engineering, National Institute of Technology Malang

This collaborative research aims to introduce an expandable and environmentally conscious electric power system in the countries of Southeast Asia where expansion of smart energy infrastructure is urgently needed. It is also expected as an effort toward “realizing super smart society (Society 5.0)” which is one of the basic guidelines for science and technology policy in Japan.

A total of 3 proposals was submitted in response to the 6th joint call for proposals (call period: 23/01/2017-23/03/2017) in the field of “Advanced Interdisciplinary Research towards Innovation” on the topic of “Intelligent Infrastructure for Energy”. Based on the peer review results, the participating funding organizations jointly decided on the one successful project to select for support. Support to the projects will continue for three years.

***3 The e-ASIA Joint Research Program (e-ASIA JRP)**

Through the acceleration of science and technology research exchange and collaboration in the East Asian region, the e-ASIA Joint Research Program (e-ASIA JRP) aims to strengthen research and development capabilities towards resolution of shared challenges across the region, including those associated with environmental protection, natural disaster mitigation and prevention of infectious diseases.

As part of that objective, the e-ASIA JRP is intended to support collaborative research implemented among 3 or more of its member countries. Through the implementation of joint research among participating countries in agreed fields of research, it is the goal of

the e-ASIA JRP to contribute to economic and human resource development, as well as the resolution of various challenges in the region.

e-ASIA JRP's homepage: <http://www.the-easia.org/jrp/>

*4 The list of organizations participating in the 6th joint call for proposals in the field of “Advanced Interdisciplinary Research towards Innovation (topic: Intelligent Infrastructure for Energy)” :

- Ministry of Research, Technology and Higher Education (RISTEKDIKTI), Indonesia
URL: <http://international.ristekdikti.go.id/>
- Japan Science and Technology Agency (JST), Japan
URL: <http://www.jst.go.jp/EN/index.html>
- Ministry of Education (Science and Technology) (MOE), Myanmar
URL: <http://www.moe-st.gov.mm/>
- Department of Science and Technology (DOST), The Philippines
URL: <http://pcieerd.dost.gov.ph/>
- Russian Foundation for Basic Research (RFBR), Russia
URL: <http://www.rfbr.ru/rffi/eng/>
- National Science and Technology Development Agency (NSTDA), Thailand
URL: <http://www.nstda.or.th/>

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