

e-ASIA JRP Call Development Workshop – Proposed 2024 Funding Calls

NHMRC, PMU-B, DOST-PCIEERD, JST and e-ASIA Secretariat will be hosting a workshop to develop the scope and text for the four proposed 2024 e-ASIA funding calls.

1. Background

This workshop will seek to finalise the call topics and texts for four broadly defined calls.

1. Health (infectious disease and immunity)
2. Food (Food and Nutrition and personal health)
3. Alternative Energy (bio resources, chemical resources and energy management)
4. Agriculture (climate-smart agriculture)

Discussion for four topics will be based on a draft text for each call that has been considered by participating MOs beforehand. Each participating MO will be given an opportunity to present their view on the text and will be able to nominate a relevant expert as a session speaker.

2. Purpose

These workshop aims to promote collaborative research in Asia through build a team of researchers to apply for the 13th e-ASIA JRP calls on Health, Food, Alternative Energy and Agriculture calls.

Country	Member Organization (Funding Agency)	Interested in			
		Health	Food	Alternative Energy	Agriculture
Australia	National Health and Medical Research Council (NHMRC)	✓			
Cambodia	Ministry of Industry, Science, Technology and Innovation (MISTI)				✓
Indonesia	Ministry of Education, Culture, Research and Technology (DIKBUDRISTEK)	✓		✓	
Indonesia	National Research and Innovation Agency (BRIN)		✓	✓	✓
Japan	Japan Science and Technology Agency (JST)			✓	✓
Japan	Japan Agency for Medical Research and Development (AMED)	✓			
Lao PDR	Ministry of Health (MOH)	✓	✓		

The Philippines	Department of Science and Technology (DOST)-PCAARRD				✓
The Philippines	Department of Science and Technology (DOST)-PCIEERD			✓	
The Philippines	Department of Science and Technology (DOST)-PCHRD	✓	✓		
Singapore	Agency for Science, Technology and Research (A*STAR)	✓			
Thailand	National Research Council of Thailand (NRCT)				✓
Thailand	Program Management Unit for Human Resources & Institutional Development, Research and Innovation (PMU-B)		✓	✓	
The US	National Institute of Allergy and Infectious Diseases (NIAID)	✓			

3. Date

9:00-17:00 (UTC+8), Tuesday 5th September, 2023

4. Meeting Venue

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia

For “Opening Session”, “Food & Health” and “Health (Infectious Diseases and Immunology)”

Theatrette on Level 1

For “Agriculture” and “Alternative Energy”

Meeting Room on Level 1



5. Zoom Meeting Details

For “Opening Session”, “Food & Health” and “Health (Infectious Diseases and Immunology)”

<https://zoom.us/j/94538780658?pwd=WTJpTC9BclVNMEw5OXBFTXI5MEk2Zz09>

Meeting ID: 945 3878 0658

Passcode: 110014

For “Agriculture” and “Alternative Energy”

<https://zoom.us/j/96436861612?pwd=YW1Bc2pwQmxiSmxrY1hJRFZTbXJUdz09>

Meeting ID: 964 3686 1612

Passcode: 218293

6. Program

Opening Session

09.00-	Door opens, house keeping announcements
09.15- 09.30	Opening Remarks
09.30- 09.45	Onsite participants in “Agriculture” session change over to Meeting Room

Session 1: Agriculture (For more details, see pages 5-6 of this program)

09.50-10.00	Welcome & Self-introduction
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10.00-10.10	Introduction of the topic
10.10-12.00	Guest speeches
12.00-12.20	Discussions
12.20-12.30	Wrap up

Session 2: Food & Health (For more details, see pages 7-8 of this program)

09.50-10.00	Welcome Remark (onsite)
10.00-10.15	Workshop and Topic Introduction
10.15-10.45	Keynote Speech
11.00-12.00	Guest speeches
12.00-12.20	Discussion
12.20-12.30	Wrap Up

Session 3: Alternative Energy (For more details, see pages 9-11 of this program)

13.30-15.55	Guest Speeches
15.55-16.15	Wrap-up

Session 4: Health (Infectious Diseases and Immunology)(For more details, see pages 12-13 of this program)

13.30-13.10	Introduction of the topic
13.40-16.20	Guest speeches
16.20-16.50	Discussions
16.50-17.00	Wrap up

Session 1: Agriculture (Climate-Smart Food Production) Call Development Workshop

Format: Hybrid (Online/ Onsite)

Date: September 5th (Tuesday), 2023

Facilitator: Dr. Takumi Katsumata, JST

Reporter at the Annual Board Meeting: Dr. Reynaldo Ebor, DOST-PCAARRD

Speaker: 15 min presentation + 5 min Q&A

Purpose: To finalize the "Call for Proposal Document"

The scope would be to ask specialists from each country for their opinion and how each country can contribute to this call

Place:

At Meeting Room on Level 1

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia

Zoom link:

<https://zoom.us/j/96436861612?pwd=YW1Bc2pwQmxiSmxrY1hJRFZTbXJUdz09>

Meeting ID: 964 3686 1612

Passcode: 218293

Perth Time	Schedule
9.50-10.00	Welcome & Self-introduction of Participating MOs
10.00-10.10	MMO (JST) introduce topic
10.10-10.30	Guest speaker 1 (MISTI, Cambodia)/Environment (Online) Dr. Kongkea Phan, Dean of Faculty of Science and Technology, International University Phnom Penh
10.30-10.50	Guest speaker 2 (BRIN, Indonesia)/ Farming the Future: IoT and AI-Powered Climate Resilience in Agriculture (Online) Dr. Hanif Fakhurroja, Senior Researcher, Research Center for Smart Mechatronics, Research Organization for Electronics and Informatics, National Research and Innovation Agency (BRIN)

10.50- 11.10	Guest speaker 3 (JST, Japan)/Research on ICT Application to Agriculture: Achievements and Prospect (Online) Prof. Makie KOKUBUN, Professor Emeritus, Tohoku University
11.10- 11.20	Break (10 min)
11.20- 11.40	Guest speaker 4 (DOST-PCAARRD, Philippines)/ Mutually exclusive benefits and challenges for AI and big data in agriculture (Online) Dr. Decibel F. Eslava, Professor, School of Environmental Science and Management, University of the Philippines Los
11.40- 12.00	Guest speaker 5 (NRCT, Thailand)/ Climate Smart Agriculture Thailand (Onsite) Dr. Yupin Lerdburoos, Director, Group of Area Based Approach and Community Development, NRCT
12.00- 12.20	Participating MO Discussion (Any topics to Add or Delete, Any points to Emphasize, etc.) About the Networking WS (When, Where and How)
12.20- 12.30	Session Wrap up (Online) Prof. Agus Haryono, Deputy Chairman for Facilitation of Research and Innovation, BRIN



**e-ASIA JRP Call Development Workshop – Proposed 2024 Funding Calls
“Food & Health (Personalized Nutrition, Functional & Future Food)”**

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia
& Zoom Online Workshop
5 September 2023 9:50-12:30 (AWST UTC+8)

Purpose

This workshop aims to promote collaborative research in Asia through build a team of researchers to apply for the 13th e-ASIA JRP calls on **Food (Personalized Nutrition & Future Food)** focusing on topics such as Nutrition multi-omics, particularly on macro-nutrient deficiency, stunting, obesity, and their complications; Development of functional foods from grains and aquatic/sea products; Personalized Nutrition including nutrigenomics and alternative proteins.

Time (AWST)	Session 2: Food & Health Call Development Workshop
09.50 - 9.55	Workshop Introduction and Objectives <i>(Onsite)</i> Dr. Worajit Setthapun Deputy Director of PMU-B
09.55 - 10.00	Welcome Remark <i>(Onsite)</i> Prof. Dr. Sompong Klaynongsruang Director of Program Management Unit for Human Resources & Institutional Development, Research and Innovation (PMU-B), Thailand
10.00-10.20 (9.00 – 9.20 Thailand time)	Introduction for Food & Health (Personalized Nutrition, Functional & Future Foods) Call <i>(Online)</i> Prof. Dr. Chatchai Muanprasat, M.D., Ph.D Lead Coordinator of PMU-B BCG Frontier Research Cluster
10.20 - 10.50	Keynote Speaker on the Future Research Trend & Industry for

Time (AWST)	Session 2: Food & Health Call Development Workshop
(9.20 – 9.50 Thai Time)	Food for Personalized Nutrition, Functional & Future Food <i>(Online)</i> Prof. Pavinee Chinachoti, Ph.D. Chair, Food Innovation and Regulation Network (FIRN) Former President, Food Science and Technology Association of Thailand (FoSTAT)
10.50-11.10	Break
11.10-11.30 (10.10 – 10.30 Indonesia Time)	Dr. Ratih Pangestuti <i>(Online)</i> Senior researcher at Research Organization for Agriculture and Food National Research and Innovation Agency/ BRIN, Indonesia
11.30-11.50	Dr. Imelda Angeles-Agdeppa <i>(Online)</i> Department of Science and Technology Food and Nutrition Research Institute, Philippines
11.50-12.10	Dr. Liezl M. Atienza <i>(Online)</i> Institute of Human Nutrition and Food University of the Philippines Los Baños (UPLB), Philippines
12.10-12.30	Discussion on Food & Health (Personalized Nutrition, Functional & Future Foods) Call with All MOs & Researcher <ul style="list-style-type: none"> - Topic refinement - Facilitation for Impactful Research Collaboration Wrap up Moderator: Dr. Worajit Setthapun, Deputy Director of PMU-B

Zoom Info.: <https://zoom.us/j/94538780658?pwd=WTJpTC9BclVNMEw5OXBFbTl5MEk2Zz09>
 Meeting ID: 945 3878 0658
 Passcode: 110014

Please rename your login-name to 'Name of MO, your full name' (ex. 'JST, John Smith') so that we can identify and allow you to enter the meeting room.

Place: At Theatre on Level 1

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia

Workshop Coordinator: Dr. Worajit Setthapun, PMU-B, worajit.set@nxpo.or.th, +6689-839-8049

e-ASIA JRP Call Development Workshop in the field of Alternative Energy

DOST in cooperation with (PMU-B) and e-ASIA Secretariat will be hosting a workshop to develop the scope and text for the field of Alternative Energy.

1. Background

This workshop will seek to finalize the call topics and texts for the field of Alternative Energy.

ASEAN has recognized the importance of transitioning towards a cleaner energy system that includes renewable energy sources such as bioenergy and advanced energy materials. The region aims to increase the share of renewable energy in its total primary energy supply to 23% by 2025 towards cleaner and more efficient energy systems that include bioenergy, advanced energy materials for energy conversion, and energy management systems are crucial for achieving environmental sustainability and emission reduction. For this workshop, each participating MO will be given an opportunity to present their view for each topic to come up with the guidelines for Alternative Energy.

2. Purpose

This workshop aims to promote energy research in Asia through building a team of researchers to apply for the 13th e-ASIA JRP in the field of Alternative Energy.

Country	Member Organization (Funding Agency)	Funding modality
Indonesia	Ministry of Education, Culture, Research and Technology (DIKBUDRISTEK)	New
Indonesia	National Research and Innovation Agency (BRIN)	New
Japan	Japan Science and Technology Agency (JST)	New
New Zealand	Ministry of Business, Innovation and Employment (MBIE)	New
Philippines	Department of Science and Technology (DOST-PCIEERD)	New
Thailand	Program Management Unit for Human Resources & Institutional Development, Research and Innovation (PMU-B)	New

3. Details

(1) Date

Date: 5 September 2023

(2) Place

At Meeting room on Level 1

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia

(3) Zoom link

<https://zoom.us/j/96436861612?pwd=YW1Bc2pwQmxiSmxrY1hJRFZTbXJUdz09>

Meeting ID: 964 3686 1612

Passcode: 218293

(4) Format

On-site and Online (Hybrid)

Participants: The workshop will be semi-closed. Participants are made up of session-chairs, presenters, and e-ASIA officials. Researchers recommended by e-ASIA's member organization will be allowed to participate as observers.

2024 Call Development Workshop Agenda

5 September 2023 (afternoon)

Time (Australia)	Program
Session 1: Alternative Energy Chair: Dr. Enrico C. Paringit , Executive Director, DOST-PCIEERD Moderator: Asst. Prof. Dr. Worajit Setthapun , Deputy Director for Global Partnership, PMU-B	
1:30 - 1:35 (5 mins)	Welcome Remark DR. LEAH J. BUENDIA (ONSITE) Undersecretary for Research and Development Department of Science and Technology (DOST) Speaker 1-1 Introduction (workshop overview)
1:35 – 1:50 (15 mins)	DR. ENRICO C. PARINGIT (ONSITE) DOST PCIEERD
Sub-topic 1: Renewable Energy (bioenergy, green hydrogen, wind, thermal)	
1:50 – 2:35 (45 mins) 15 mins per speaker	Speaker 1-2: DIRBUDRISTEK: DR. EKO AGUS SUYONO , S.Si., M.App.Sc (ONLINE) University of Gadjah Mada

15 mins per speaker	<p>JST: PROF. MAKIE KOKUBUN (ONLINE) Professor Emeritus, Tohoku University</p> <p>PMU-B: DR. NUWONG CHOLLACOOP (ONLINE) Low Carbon Energy Research Group Director, and Renewable Energy and Energy Efficiency Research Team Leader, National Energy Technology Center, Thailand</p>
2:35 – 2:45 (10 mins)	Panel Discussion
2:45 – 2:55 (10mins)	Break/Network
2:55 – 3:15 (20 mins)	Continuation of Panel Discussion
	Sub-topic 2: Energy Storage (Advanced Materials for Energy Storage for EV and Large scale and off-grid applications)
3:15 – 4:00 (45 mins)	<p>Speaker 1-3:</p> <p>DIRBUDRISTEK: PROF. DR. ENG. AGUS PURWANTO (ONLINE) Sebelas Maret University</p> <p>DOST: DR. BERNARD TONGOL (IN-PERSON PARTICIPATION) Associate Professor, University of Santo. Tomas</p> <p>PMU-B: DR. NONGLAK MEETHONG (ONLINE) Associate Professor, Khon Kaen University</p>
	Sub-topic 3: Energy Management Systems
4:30 – 4:45 (15 mins)	Discussions on the topic (no nominated speaker)

4:45 - 5:00 (15 mins)	Wrap-up ASST. PROF. DR. WORAJIT SETTHAPUN PMU-B
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e-ASIA JRP Call Development Workshop in the field of Health (Infectious Diseases and Immunology)

Place

At Theatre on Level 1

Western Australia Department of Health, 189 Royal Street, East Perth WA, Australia

Zoom link

<https://zoom.us/j/94538780658?pwd=WTJpTC9BclVNMEw5OXBFTXI5MEk2Zz09>

Meeting ID: 945 3878 0658

Passcode: 110014

Country	Member Organization (Funding Agency)
Australia	National Health and Medical Research Council (NHMRC)
Indonesia	Ministry of Education, Culture, Research and Technology (DIKBUDRISTEK)
Japan	Japan Agency for Medical Research and Development (AMED)
Lao PDR	Ministry of Health (MOH)
The Philippines	Department of Science and Technology (DOST-PCHR)
Singapore	Agency for Science, Technology and Research (A*STAR)
The US	National Institute of Allergy and Infectious Diseases (NIAID)

2024 Call Development Workshop Agenda

5 September 2023 (Tuesday)

Time (AWST)	Program
	Session 4: Health Call Development Workshop Chair: Prue Torrance
13.30-13.40	MMO (NHMRC) introduce topic
13.40-14.00	Guest speaker 1 – AMED Dr. Haruo Watanabe, Program supervisor/officer (Online)
14.00-14.20	Guest speaker 2 – NHMRC Professor Diana Hansen, Monash University

	(Online)
14.20-14.40	Guest speaker 3 – NHMRC Dr. Win Han Oo and Dr Katherine O’Flaherty, Burnet Institute (Online)
Break	
15.00-15.20	Guest speaker 4 - NIAID Candice Beaubien, Regional Officer – Asia, Office of Global Research (Onsite)
15.20-15.40	Guest speaker 5 - DIKBUDRISTEK Professor Inge Maria Lusida, Airlangga University (Onsite)
15.40-16.10	Participating MO Discussion
16.10-16.20	Session 4 Wrap up
End of Workshop	