

**Thailand-Japan Environmental Solutions Week
in Bangkok, 14-16, January, 2020
Co-organized by
Ministry of the Environment, Japan and
Ministry of Natural Resources and Environment, Thailand**



Supported by



[Program as of 14 January]

****Details of the Program Subject to Changes****

Growing threats of changing climate and climate related disasters, emerging concern of waste including marine plastics and e-waste, air pollution, and other types of pollution and environmental degradation are posing challenges to sustainability of our society and economy, while addressing these issues has become a priority and the responses mainstreamed both in policy and business domains. This has been evident in a series of key intergovernmental meetings as exemplified by G20 Summit and ASEAN Summit, hosted by Japan and Thailand respectively in 2019.

On the other hand, some reports indicate that our sustainable development goals (SDGs) cannot be achieved by 2030 without accelerating our efforts. Fulfilling the gaps calls for policies, technologies, services, innovation, research, collaboration, and partnerships for our environment. Such "**Environmental Solutions**" can be co-created, enhanced and disseminated through the collaboration between Thailand and Japan. The gaps also represent huge opportunities, particularly, for both countries' business sectors.

In this context, [Ministry of the Environment \(MOE\), Japan](#) and [Ministry of Natural Resources and Environment \(MONRE\), Thailand](#) will jointly organize the event '**Thailand-Japan Environmental Solutions Week**' in Bangkok, from 14 to 16 January, 2020, in collaboration with relevant partners to facilitate partner matching and exchange of innovative ideas for Environmental Solutions.

OBJECTIVES

Leaders, executives, and experts from national and local governments, business, research institutes, and other key stakeholders from both Japan and Thailand will meet together, and present and discuss how they can collaborate for environmental solutions and achieve SDGs.

DATE & VENUE

14-16 January, 2020

11th Floor, [The Berkeley Hotel Pratunam in Bangkok](#)

EVENT STRUCTURE

Date: 14th January 2020

Preliminary Event: Thailand-Japan Policy Dialogue (Closed Event)

Date: 15th January 2020 [9:00 – 17:30]

Open Seminars on Environmental Solutions - Day 1- (Plenary Sessions)

Please be noted that the start time has been changed 30 min. earlier from 9:30 to 9:00

Date: 16th January 2020 [9:00 – 17:00]

Open Seminars on Environmental Solutions - Day 2- (Parallel Sessions)

Date: 15th and 16th January 2020 [15th 8:15 – 17:00 / 16th 8:30 – 17:00]

Business Match and Exhibition at Foyer (Day 1 & Day 2)

REGISTRATION

Preregistration is required for the participants for the Open Seminar for Day 1 and Day 2 through online registration system:

<https://a10.hm-f.jp/index.php?action=R1&a=436&g=62&f=123>

Registrations accepted on first-come-first-served basis. Please be advised that we may not be able to accommodate all applications due to the capacity of the venue.

EXPECTED PARTICIPANTS

Main expected participants include:

- ✧ National and local governmental officials;
- ✧ Business managements and experts interested in the topics;
- ✧ Research entities and NPOs; and
- ✧ International and sub-regional institutions

Program of Thailand-Japan Environmental Solutions Week

Date: 14th January 2020

Preliminary Event: Thailand-Japan Policy Dialogue (Closed Event)

- Policy Dialogue between MOE, Japan and MONRE, Thailand

Date: 15th January 2020 [9:00 – 17:30]

Open Seminars on Environmental Solutions - Day 1- (Plenary Sessions)

8:15- Registration

9:00-17:00

Venue: Mayfair A+B

Organized by: MOE, Japan; and
MONRE, Thailand

- ✧ All Sessions are open upon preregistration
- ✧ The plenary session can accept approx. 300-400 participants
- ✧ Thai-Japanese simultaneous translation will be available
- ✧ Presentation materials will be prepared in English.

Opening Ceremony of Environmental Solution Week

- Ministerial Opening

9:00-9:30

- Opening remarks and Keynote Speech

H.E. Mr. Varawut Silpa-archa
Minister of Natural Resources and Environment, Thailand

- Opening remarks

H.E. Ms. Yukari Sato
State Minister of the Environment, Japan

- Photo Session @Stage

- Guest Speech

9:30-9:40

- Remarks

Mr. Torchai Supatwanit
Director of committee on Energy and Environment Conservation
Thai Chambers of Commerce

- Remarks

Mr. Souji Sakai
Vice president
Japanese Chamber of Commerce, Bangkok

9:40-10:00

- Keynote Speech/Framing Presentations

- Environmental Solutions through Co-innovation for Achieving SDGs

Dr. Kazuhiko Takemoto
President, OECC/
Project Professor, Institute for Future Initiatives, University of Tokyo

10:00-10:20 Coffee Break @ Foyer

Plenary Session 1: Innovative Technologies – the Key for Sustainable Development

10:20-11:45

Innovative technologies will be presented by several leading companies in innovation for environment in this session. Presented technology will be the key to tackle the most urgent challenges such as marine plastic and to support Thailand's priority agenda such as circular economy, climate policy and Thailand 4.0.

- Photovoltaic Recycling

Mass processing technology can contribute to mass disposal. This presentation will provide our mass processing technology development status.

Mr. Makoto Harita
President, HARITA METAL Co., Ltd.

- Tokyo Gas Group's Measures for Environment

This presentation will provide Tokyo Gas Group's future goals including Net-Zero CO2.

Mr. Nobuhisa Kobayashi
Chairman, Tokyo Gas Asia Pte. Ltd.

- Innovative Distillation Technology "Originated from Thailand to the World"

Cutting-edge distillation-concentration-drying technologies will contribute to solving the problem of highly contaminated wasted water, which is difficult to be treated.

Mr. Yoshifumi Iwata, Managing Director
Mr. Atsushi Sugiyama, Director
ROCK ENGINEERING CO., LTD.

- Infrastructure and bioplastics; key of successful Circular Society

Industrial sector, in particular, chemical industry is seeking solutions to pressing social problems such as climate change and resource depletion. On the other hand, the issue of plastic waste, despite misuse of plastic, has inhibited formation of "Circular Society". Mitsubishi Chemical believes that proper infrastructure development and use of materials such as bioplastics are key to approach to Circular Society.

Dr. Hiroshi Sano
Advanced Polymers Planning Department
Mitsubishi Chemical Corporation.

- TISTR Technology Platform to Support SDGs

This presentation will introduce TISTR's Infrastructure & Technology Platforms to achieve SDGs via Bio Economy-Circular Economy-Green Economy (BCG) Model.

Dr. Aparat Mahakhant

Deputy Governor, R&D for Sustainable Development
Thailand Institute of Scientific and Technological Research

- Q&A

Lunch provided only for the pre-registered participants.

Plenary Session 2: Collaboration between Thai and Japanese Companies on Environmental Businesses

13:30-14:40

Even though collaboration is the essential for advancing Environmental Solutions, the current situation in Thailand is in an early stage where many business cases are dominated with limited and fragmented activities such as "selling and buying by pieces" particularly in the environmental area. The session will explore the possibilities and benefits of various modalities of deeper collaboration and integration of Thai and Japanese private companies through presentations on actual cases.

- Waste management operations in Thailand

Waste Management Siam Ltd. (WMS) is one of group companies of DOWA ECO-SYSTEM Co., Ltd. WMS provides professional, fully permitted and environmentally responsible waste collection, treatment and disposal services throughout Thailand.

Mr. Akio Yoshinari

President, Waste Management Siam Ltd.

- Hitachi Zosen's Waste to Energy Technology & Business

Hitachi Zosen would like to introduce our WtE technologies and our worldwide reference that can contribute to solve the waste management in Thailand.

Ms. Warinthorn Assavamukkul

Business Manager, Hitachi Zosen Corporation

- Waste Landfill Planning Experiences from Japan to Thailand

Mr. Halem Jemarigan

Director Regional Environmental Office 11 (Nakhonratchasima)

- Presentation

Dr. Wandee Khunchornyakong
CEO, S.P.C.G.Public Co., Ltd.

- Q&A

Plenary Session 3: Smart Cities for the Environment - Needs and Experiences

14:40-15:50

Smart City has become a top agenda in Thailand. Japan has been supporting the agenda through the bilateral cooperation and the ASEAN-Japan framework. However, environmental aspects of the Smart City have not necessarily been discussed intensively. Prior to the technical discussion under Session 4, this session will look at Thai policies on the Smart City and useful experiences in Thailand Japan.

- **Smart Cities for Environment**
This presentation will provide overview of the Eastern Economic Corridor (EEC) smart city initiative.

Mr. Korthong Thongtham Na Ayutthaya
Assistant Director/Urban Planner
Eastern Economic Corridor Office of Thailand
- **Kitakyushu “FutureCity” initiative and city-to-city collaboration**
This presentation will provide Smart Community Creation Project in Kitakyushu and city-to-city collaboration addressing environmental issues in Asia.

Mr. Hiroshi Yasutake
Kitakyushu Asian Centre for low Carbon Society, City of Kitakyushu
- **Yokohama Smart City Project and city-to-city collaboration with Bangkok**
Realization of a smart city, Yokohama City has launched “Zero Carbon Yokohama” as a long-term direction toward the middle of this century. Yokohama City has concluded a partnership agreement with BMA and is sharing knowledge and experience on urban development.

Mr. Kimihiro Kuromizu
Director of Climate Change Policy Headquarters, City of Yokohama
- **Best Practice-Implementation of Smart Campus in Thailand (Khon Kaen University case)**
*1)Concept of the Smart Campus, technologies and organizational aspects
2)Best Practice in Thailand Khon Kaen University’s case
3)Comparison with Japan’s Mie University case, lessons and way forward*

Dr. Masaaki Bannai
Technical Expert, The Energy Conservation Center, Japan
- **Q&A**

15:50-16:10 Coffee Break @ Foyer

Plenary Session 4: How Can Smart Technologies Solve Environmental Problems?

16:10-17:30

Following the previous session, this session will focus on the technologies for Smart City. Several entrepreneurs in Thailand and Japan will present their smart technologies such as online platform and ICT management system that can support the Smart City concept and materialize circular economy, environment and sustainability management in innovative and smart ways.

- **Digital solutions for waste management**
GEPP believes that we need to change our “Waste Disposal” mindset to “Waste Management” to stop the waste crisis. Technology and data will enable us to do that job with better efficiency by increasing the transparency and traceability of our waste journey.

Ms. Mayuree Aroonwaranon
Co-founder & CEO, GEPP Sa-Ard Co., Ltd.
- **E-manifest management system to prevent illegal dumping and visualize waste situation - Current situation in Japan and trial in Thailand**
To contribute to the development of Thai electronic manifests, we have built a Thai version of the “ASP service” that is contributing to the development of electronic manifests in Japan. Let me introduce the project to start the demonstration.

Mr. Yoshito Usami
JEMS Inc.

- Technology for Environmental Problems by PIRIKA -The Challenge of the Japanese Tech Company toward SDGs Goal 11 & 14-

The technology company in Japan, Pirika aims to resolve the environmental problem using the power of science and technology. In this presentation, we show how the technology contributing to SDGs, especially Goal 11 and 14 through AI, SNS App, etc.

Mr. Yoshikazu Miwa
Researcher, Pirika, Inc.

- Q&A

Date: 16th January 2020 [9:00 – 17:00]

Open Seminars on Environmental Solutions - Day 2 -

- ✓ All Sessions are open upon preregistration
- ✓ Sessions to be organized by collaborating organizations and supported by MOEJ
- ✓ Lunch will be served only for the preregistered participants who will join the morning session. *(Just in case the number of the participants exceed the planned threshold, fixed number of lunch voucher will be provided at the registration in first-come and first-service basis)*

8:30- Registration

Parallel Session 1: Marine Plastic Debris and Land Based Waste Management

9:20-12:20

Room: Mayfair A

Organized by: MOE, Japan; and
MONRE, Thailand

- ✧ Thai-Japanese simultaneous translation will be available.
- ✧ Presentation materials will be prepared in English.

This session will discuss how the collaboration between Thailand and Japan can contribute to the ongoing discussions and frameworks at regional and global levels such as United Nations Environment Assembly (UNEA), Basel Convention, G20, ASEAN, and Greater Mekong Sub-region. The session features (i) emerging policies on plastic waste managements in Thailand and Japan, and ASEAN regions; (ii) developing scientific bases for designing efficient strategies such as monitoring including harmonization and leakage identification; (iii) glowing commitments and pilot projects by the business sector and citizens.

Moderator: Dr. Panate Manomaivibool, Mae Fah Luang University

9:20-9:40

- Opening remarks

H.E. Ms. Yukari Sato
State Minister of the Environment, Japan

- Opening remarks

Dr. Pinsak Surasawadi
Deputy Director General, Department of Marine and Coastal Resources

9:40-10:35

(1) Emerging policies and international cooperation on marine plastic waste managements in Thailand and Japan, ASEAN

- Japan's policy for Marine Plastic Litter

This presentation will provide outcomes of G20 on marine plastic litter and Japan's policy to realize the Osaka Blue Ocean Vision. Possible International Cooperation including collaboration between Thailand and Japan will also highlighted.

Mr. Fumio Ito
Director for International Strategy Division
Ministry of the Environment, Japan

- Thailand government's policy, and actions among ASEAN countries

Mr. Supawat Kan-Atireklap
Acting Marine and Coastal Ecosystem Resources and Environmental
Research Specialist

- International Cooperation Projects on Combating Marine Debris by Japan

This presentation will share 1) Japan's Cooperation Project for Marine Debris Reduction in ASEAN Region funded by Japan-ASEAN Integration Fund and 2) Outline of "Guidelines for Harmonizing Ocean Surface Microplastic Monitoring Methods"

Mr. Satoshi Sasakura
Director, Overseas Projects Department, IDEA Consultants, Inc.

- Q&A

10:35-11:30

(2) Developing scientific bases for designing efficient strategies such as monitoring including harmonization and leakage identification in Thailand

- Current marine microplastics research in Thailand under the collaboration between Thailand and Japan

Dr. Voranop Viyakarn
Head of the Department of Marine Science, Faculty of Science
Chulalongkorn University

- Current progress of plastic leakage regional model development under UNEP-Countermeasure Project

Dr. Kavinda Gunasekara
Asian Institute of Technology

- Plastic material flow analysis in Thailand

Dr. Manit Nithitanakul
Chulalongkorn University

- Q&A

11:30-11:45 Coffee Break @ Foyer

11:45-12:40

(3) Project cases on reduction of plastic waste in Thailand

- Project case on reduction of marine plastic waste in community based project
PPP Plastic
- Study of solid waste in Bangkok canals and its impact to drainage function
This study aims to exhibit an urban flood risk reduction strategy which solves urban drainage problems by managing solid waste, through administrative services and citizen's cooperation to waste disposal.
Mr. Rawit Thaweesub
Kasetsart University
- Japanese Chemical Industries' activities for reducing marine plastic waste
This presentation will provide activities by Japanese private company and training seminar on plastic waste management by JaIME.
Mr. Toshihiko Higuchi
Japan Chemical Industry Association (JCIA)
- Q&A

Parallel Session 2: Seminar on Municipal Solid Waste Management in Thailand - Challenges and Opportunities

14:00-17:00

Room: Mayfair A

Organized by: Japan Waste Research Foundation (JWRF); and
Solid Waste Management Association Thailand (SWAT)

- ◇ Thai-Japanese simultaneous translation will be available
- ◇ Presentation materials will be prepared in English.

The seminar will be organized to review the current situation of solid waste management in Thailand, to identify the pressing issues, and to explore opportunities for Japan-Thailand collaboration for achieving better solid waste management in Thailand. At the same time, the seminar aims at developing a foundation for future collaborative activities between SWAT of Thailand and JWRF of Japan.

14:00-16:05

- Opening
Mr. Tomonori Kikuchi
Director, JWRF
- Keynote: Municipal waste management: current situation and pressing issues
Dr. So Sasaki
Professor, Chuo University/Chulalongkorn University

- Introduction of SWAT: Implementation of 3Rs in Thailand - what has been done and what needs to be done

Mr. Patarapol Tularak
Secretary General, SWAT

- Introduction of JWRF: Japanese experience in sorted garbage collection and recycle

Ms. Sachiko Tsukahara
Principal Researcher, JWRF

- Case Presentation 1: Introduction of initiatives to solve social issues in the environmental field

Mr. Yasunori Tanaka
President and CEO, REMATEC Holdings Corporation

- Case Presentation 2: Generation of Electricity and Compressed Biomethane Gas (CBG) from Organic fraction of Municipal Solid Waste (OFMSW) using Dry Fermentation Technology

Dr. Apipong Lamsam
Managing Director, PAPOP Co., Ltd.

- Case Presentation 3: Potential Challenges for Proper Waste Management - Comparative study of municipal and industrial solid waste in Thailand-

Mr. Gen Takahashi
General Manager, JFE Engineering Corporation

- Case Presentation 4: Long-term Waste Management Master Plan for Local Governments

Mr. Taisuke Odera
Manager, Eight-Japan Engineering Consultants Inc

16:05-16:30 Coffee Break @ Foyer

16:30-17:00

- Q&A and Discussion

Facilitator: Dr. So Sasaki

- Closing

Dr. Chindarat Taylor
Vice President, SWAT

Parallel Session 3: Thai-Japan Cooperation for promotion of scientific based Climate Change Adaptation and development of Adaptation Information Infrastructure

9:40-12:20

Room: Mayfair B

Organized by: MOE, Japan; and
Office of the Natural Resources and Environmental Policy and
Planning (ONEP), MONRE, Thailand
In collaboration with: TGO-CITC, T-PLAT Secretariat
(DEQP/ERTC), BMA, AIT RRC.AP, JICA ADAP-T, NIES, IGES
Regional Office in Bangkok, OECC

- ◇ Thai-Japanese simultaneous translation will be available
- ◇ Presentation materials will be prepared in English.

Building upon AP-PLAT (Asia-Pacific Adaptation Information Platform), "T-PLAT", a product of an ongoing collaboration between MONRE and MOEJ, aims to build an online Platform where Climate Change Adaptation Information can be widely shared in the context of Thailand. The event also introduces some other key bilateral adaptation projects across various stakeholders, while synergizing with other research and capacity development projects in this field.

9:40-10:45

- Opening Remarks
H.E. Ms. Yukari Sato
State Minister of the Environment, Japan
- Opening Remarks
Dr. Phirum Saiyasitpanich
Deputy Secretary General, ONEP, MONRE
- Thai's Climate Change Policy
Dr. Natthanich Asvapoositkul
Director of Climate Change Management and Coordination Division, ONEP
- Introduction of the session and MOEJ's Adaptation measures on integrated information infrastructure
Mr. Takeshi Abe
MOEJ
- Introduction of AP-PLAT and A-PLAT (Japan's Climate Change Adaptation Platform)
Dr. Kazutaka Oka
National Institute of Environmental Studies (NIES) (TBD)
- Thai's Climate Change Policy
ONEP (TBD)
- Climate Change Information needed for Thailand' NAP implementation
ERTC/DEQP (TBD)

- Recent updates of Advancing Co-Design of Integrated Strategies with Adaptation to Climate Change in Thailand (ADAP-T)

Dr. Thanya Kiatiwat
Vice President of Kasetsart University
and Project Manager of ADAP-T project

10:45-10:55 Coffee Break @ Foyer

10:55-12:20

- Adaptation policies and measures under the Bangkok Masterplan on Climate Change 2013-2023
Bangkok Metropolitan Administration (BMA)(TBD)
- Case study by private sector on Climate Change Adaptation: “Pladam Method” and “New Trench Method” for prevention of river flood and land subsidence
Mr. Takatsugu Ozaki
Chichibu Chemical Co., Ltd.
- Capacity building activities in Thailand and ASEAN through Climate Change International Technical and Training Center (CITC)
Mr. Thawatchai Saengkhamasuk
Director, CITC, TGO
- Capacity building and knowledge sharing through Climate Change Cluster
AIT RRC.AP (TBD)
- Panel Discussion and QA Session
Moderator: Mr. KUYAMA Tetsuo, IGES Bangkok Regional Centre (TBD)
Panelist: All the speakers (TBD)

Guiding Questions: (TBD)

1. What practical challenges have you encountered, and any early lessons drawn to make such Adaptation actions in Thailand?
 2. How to start/scale-up Adaptation actions in Thailand using technical support from Japan?
 3. How to utilize adaptation related information and data to enhance actions?
- Closing Remarks (TBD)

Parallel Session 4: Innovations for a Circular Economy: Unlocking Business Opportunities for driving towards a circular economy in Thailand

14:00-17:00

Room: Mayfair B

Organized by: Regional Office for Asia and the Pacific, United Nations
Environment Programme (UNEP ROAP)

The transition to a circular economy represents an enormous business opportunity globally. Alongside this trend, there is a growing interest in innovative and entrepreneurial businesses as the startup wave sweeps across Asia. These two trends combined provide an exciting opportunity to achieve sustainable consumption and production (Sustainable Development Goal 12).

Innovation ecosystems are being developed to bring together governments, large businesses, entrepreneurs and intermediaries to bridge the innovation and circular economy trends. The Ministry of Environment Japan and the United Nations Environment Programme is one example of supporting innovative business solutions for circular economy and sustainable lifestyles under the One Planet network. There are now a number of growing environmental startups in Thailand that are filling the gaps between the reality and the sustainability goals with viable business models. The collaboration between Thailand and Japan can support such startups by financially, technically or other means and, on the other hand, can support the growth of partner companies by innovation and challenging the areas that are unreachable by big cooperates. The session will provide the opportunity of dialogue among the stakeholders and potential partners.

- Welcome
Embassy of Japan, Thailand
- Opening Remarks
Mushtaq Memon
Regional Resource Efficiency Coordinator
UNEP ROAP
- Circular economy – the opportunity for sustainable consumption and production (SDG12)
Janet Salem
Innovation for Sustainable Lifestyles
UNEP ROAP
- Sustainable Consumption: Preparing markets for greener products – the case of the Nissan LEAF
Sanpetch Tangsawapark
Vice President - Corporate Planning and Marketing & Sales Strategy
Nissan Thailand
- Building consumer demand for circularity: Creating a movement towards circular fashion supply chains
Kamonnart Ongwande
Fashion Revolution Thailand, Circular Futures Lab Delegate

Coffee Break @ Foyer

- Panel discussion: How do young entrepreneurs see business solution for the circular economy?

Chair: Asian Development Bank Ventures (Dominic Patrick Mellor TBC)

Panelists:

- Amorpol Huvanandana
Co-founder, moreloop (surplus fabric platform), and Closedloop
- Nattapak Atichartakarn
Co-founder, Trash Lucky (incentivising recycling)
- Ittikorn
Co-founder, Orgafeed (circular farming)
- Panchita Taradolsirithitikul
Co-founder, Thai's ecoLeathers (upcycling leather scraps and local textiles)
- Naps Nophol Techaphangam
Founder of Circularity Co, and norrnorn (mattress leasing and recycling for hospitality sector) (TBC)
- Boat Worakorn
Co-founder, BChu Runway (fashion rental) (TBC)

Each Panelist will start with a 5 minutes pitch of their business solution, followed by a panel discussion on the following questions:

- What is the business case for circular economy in your case?
- What are the barriers you have encountered so far?
- What types of policies would support your business?
- How can large companies support startups to scale?

- Closing remarks

Mushtaq Memon
Regional Resource Efficiency Coordinator
UNEP ROAP

Parallel Session 5: Air pollution in Thailand: Current status and challenges toward better air quality

9:00-16:05 (through morning and afternoon)

Room: Jubilee A&B

Organized by: Ministry of the Environment, Japan (MOEJ);
Pollution Control Department (PCD), MONRE, Thailand; and
Japan International Cooperation Agency (JICA)

This full-day session on air pollution cosponsored by JICA, promotes multi-stakeholder discussion with the focuses on the latest knowledge on the pollution and the solutions including outcomes of Japan-Thailand Air Pollution Partnership (JT CAP) jointly implemented by MOEJ and MONRE. AM session will focus on science-based discussions on the current state of air pollution in Thailand, pollution sources, health concerns, and policy measures, while PM session will shed light on ongoing cases of technical cooperation projects by JICA and the private sector (demonstration of emission gas purification is planned in the venue).

9:00-10:55

Introduction of participants, Opening remarks, Photo session

- Opening remarks

H.E. Ms. Yukari Sato
State Minister of the Environment, Japan

- Opening remarks

Mr. Pralong Dumrongthai
Director General, Pollution Control Department

- Opening remarks

Mr. Katsura Miyazaki
Chief Representative
Japan International Cooperation Agency(JICA) Thailand office

- Current situation on air pollution and policies in Thailand

(TBC)

Pollution Control Department, MONRE

- Administrative activities for atmospheric environment in Japan and international cooperation (JT CAP, EANET etc.)

Dr. Keiichi Sato
Principal Senior Researcher, Asia Center for Air Pollution Research

- Particulate Matter Reduction Strategy and Measures Development Project by JT CAP

(TBC)

Pollution Control Department, MONRE

10:55-11:10 Coffee Break @ Foyer

11:10-12:15

- Administrative Policy Concerning Health Effects of Fine Particulate Matter (PM_{2.5}): Experiences in Japan

Dr. Kazuhiko Sakamoto
Emeritus professor, Saitama University

- Environmental-related policies by BOI

Mr. Chokedee Kaewsang
The Board of Investment of Thailand

- Public-private partnership for verification of countermeasure technology

Mr. Kazuo Takeuchi
Senior Representative, JICA Thailand Office

General discussions in morning session

12:15-13:30 Lunch time

13:30-15:00

- Technical Session 1: International cooperation of air pollution measures by JICA, Future prospective of cooperation in Thailand

Dr. Shinji Wakamatsu
Emeritus professor, Ehime University; Representative Director,
Institute of Integrated Atmospheric Environment

- Technical Session 2: PM2.5 monitoring by using satellite observation

Mr. Takehiro Nakamura
Deputy Director, Japan Aerospace Exploration Agency (JAXA)

Dr. Takahiro Otsuka
Representative, JICA Thailand office

- Q&A for Technical Sessions 1 and 2

- Technical Session 3: Automobile measures (i): Countermeasure of PM2.5 by "Proper Recycling System" of old age car

Mr. Yoshiaki Ishimoto
Vice president, Toyota Daihatsu Engineering and Manufacturing

- Technical Session 4 Automobile measures (ii): Dissemination and demonstration project on black smoke reduction plan for diesel route bus by DPF

Mr. Masanori Komori
COMOTEC Corporation

15:00-15:20 Demonstration & Break

15:20-16:05

- Technical Session 5: Zero burn solutions

Mr. Amnart Butthongkamwong
SIAM KUBOTA Corporation Co., Ltd.

- Technical Session 6: Environmental technology and compliance for removing hazardous gas from factories.

Mr. Hiroyasu Ito
Managing Director, AMANO THAI INTERNATIONAL CO., LTD.

- Q&A for Technical Sessions 5 and 6

- Closing remarks

Date: 15th and 16th January 2020

Business Match and Exhibition at Foyer (Day 1 & Day 2)

15th Jan. 8:45-18:00 / 16th Jan. 8:30-17:00

Venue: Foyer

Exhibition on environmental solutions will be organized on the sidelines of the Open Seminars on 15th and 16th January, with the aim of providing opportunities for the participants to better understand various environmental solutions, and to promote business match among potential solutions seekers and providers. Following around 20 Japanese and Thailand environmental leading companies will join the event.

List of Exhibiter Names (alphabetical order)

- Asia Kendy Co., Ltd.
- Automation Service Co., Ltd.
- CHICHIBU CHEMICAL CO., LTD.
- Comotec Cooperation
- DKK-TOA CORPORATION
- Dow chemical thailand
- Eight-Japan Engineering Consultants Inc.
- Fukui Keep Environment Clean and Consultant Cooperative Corp.
- Green & Blue Planet Solutions Co., Ltd./EnviX, Ltd.
- Hitachi Zosen Corporation
- HORIBA (Thailand) Limited
- IDEA Consultants, Inc.
- JFE Engineering Corporation
- JICA Thailand office
- MORIKAWA/Nagase (Thailand) Co.,Ltd.
- NEW COSMOS ELECTRIC CO.,LTD
- NIPPON STEEL ENGINEERING CO., LTD.
- Pirika Inc.
- PPP Plastic
- PTT Global Chemical Public Company Limited
- Sharp Solar Solation Asia Co., Ltd.
- SYSTEM ENG SERVICE CO.,LTD.
- Thailand Greenhouse Gas Management Organization
- Waste Management Siam Ltd.
- Yachiyo Engineering Co., Ltd.

QUESTIONNAIRE SURVEY ON ENVIRONMENTAL SOLUTION NEEDS IN THAILAND

Event Secretariat will conduct the questionnaire survey to capture and analyze environmental solution needs in interested both public and private sectors in Thailand. Event Secretariat will contact to the event participants for their cooperation to the questionnaire survey in due course. Your kind cooperation will be appreciated.

EVENT SECRETARIAT

[Overseas Environmental Cooperation Center, Japan \(OECC\)](#)

Telephone:+81-3-6803-4291 E-mail: jw-info@oecc.or.jp

LATEST PROGRAM

This Program will be updated time to time. The latest program is available at <https://www.oecc.or.jp/en/tjesw/pdf/program.pdf>

PRESENTATION MATERIALS

Presentation materials of each session will be available at <https://1drv.ms/u/s!AppzqgVUbMuRuAafBfWtaP-k94Oh?e=AQuRxn> (Microsoft One Drive)