

Outline of the special session in the 3RINCS

1. Title of the special session

“Practical lessons and challenges from Waste-to-Energy experiences”

2. Background

As one of the approaches to realize both proper municipal solid waste management and renewable energy production, Waste-to-Energy (WtE) has been discussed among stakeholders including governments, academia and private sectors in Asia. As a result, some was successfully installed, but some was not. We can learn practical lessons from these experiences and share lessons learnt and experiences on WtE. Such attempt will be very beneficial for the region. In some countries like Thailand, academia such as researchers in universities play important roles in the process of national policy and municipality's management plan, feasibility study, bidding and other processes on WtE. Their good involvement and contribution are the key for WtE. Mini-workshop will seek measures and options on how academia can support WtE better in the region, based on the experiences shared by the relevant stakeholders.



(source) Dr.Pireeyutma Vanapruk(2019) “Barriers and Opportunity on Waste to Energy in Thailand”, EEP Mekong, March 19, 2018

3. Expected outcome

- To share lessons learnt and experiences on WtE
- To seek measures and options to promote WtE through better academia's involvement in the region

4. Organizer

- Chuo University
- Chulalongkorn University
- Solid Waste Management Association (Thailand) (Tbc)

5. Supporters

- Embassy of Japan
- the Grant-in-Aid for Young Researchers (A)17H04722 funded by The Japan Society for the Promotion of Science (JSPS)

6. Draft Agenda

Moderator: Dr. So Sasaki, Chuo University / Chulalongkorn University	
Presentation title	Name
1. Introductions (15mins): Current status and issues of WTE projects in Thailand	Dr. So Sasaki, Chuo University / Chulalongkorn University, Mr. Takeshi Nimura, Nippon Steel & Sumikin Engineering Co., Ltd.
2. Presentation 1 (15mins): Waste to Energy in Phuket	Mr Tavorn Jirapattanasopon, the deputy Mayor of Phuket City Municipality
3. Presentation 2 (15mins): Major Challenges in Development and Implementation of WtE Projects in Thailand	Mr. Patarapol Tularak, Solid Waste Management Association (Thailand)
4. Presentation 3 (15mins): Essence of waste management facility development ～ From example of incineration facility in Japan ～ (Tbc)	Mr. Taisuke Odera, Eight-Japan Engineering Consultants Inc.
5. Discussion (30mins)	

7. Schedule

Special Session 1, WtE Experience in Thailand, on 27th FEB