

Webinar on “the CCET guideline series on intermediate municipal solid waste treatment technologies, Waste-to-Energy Incineration”

28 October 2020, 13:00 – 14:30 (JST) / Free / English

Registration: Please register at https://form.iges.or.jp/webapp/form/11205_zoq_387/index.do

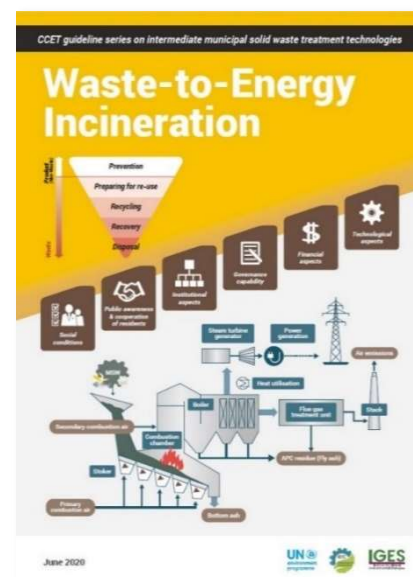
Introduction

Waste management is becoming a particularly urgent issue in developing countries, especially as their economic growth accelerates. In these countries, open dumping and landfills are the most common practices for disposing of waste, due to their lower costs in construction and operation. However, it is clear that their use also generates direct negative impacts on the environment and human health.

Globally, various approaches have been attempted to solve waste management issues, and proper treatment of the increasing amount of waste is one of the important challenges for our society. There is an urgent need to provide reliable information to policymakers and practitioners so they have a clear and holistic view of all waste management technologies.

In this context, the IGES Centre Collaborating with UNEP on Environmental Technologies (CCET) and the International Environmental Technology Centre of the United Nations Environment Programme (UNEP IETC) have started to develop a series of Guidelines, in collaboration with the National Institute for Environmental Studies (NIES) and the Japan Society of Material Cycles and Waste Management (JSMCWM), with financial support from the Ministry of the Environment, Government of Japan. The aim is to assist developing countries’ policy-makers and practitioners, at both the national and municipal levels, with their selection of appropriate waste management technologies, and in carrying out related policies and strategies to improve their management of waste.

At this initial phase, three main topics are covered, including 1) Waste to Energy (WtE), 2) Composting, and 3) Mechanical - Biological Treatment (MBT). This first in a series of webinars will focus on WtE, and aims to give attendees a deeper understanding of the Guidelines through a discussion of existing technologies, their advantages and disadvantages, and related challenges people may face on the ground. This following two webinars, on Composting and MBT, are tentatively planned for November and December 2020.



Programme

- Introduction: Miwa Tatsuno, Programme Coordinator, CCET
Introduction of the CCET guideline series

Moderator: Mr. Kazunobu Onogawa, Director, CCET

<1st session: Presentations from the authors>

- Presentation 1: Chen Liu, Research Manager, IGES
Framework for selecting technologies and the pre-conditions for sustainable WtE incineration facilities
- Presentation 2: Toru Nishiyama, Principal Visiting Researcher, IGES
Main technologies and key discussion points on the main technologies with plant manufacturers, and major considerations in applying this technology in developing countries

<2nd session: Panel discussion on technology adaptation at the ground-level>

Panelists:

- Mr. Nobuhiro Tanigaki, Senior Manager, Environmental Solution Project Management Dept. NIPPON STEEL ENGINEERING CO., LTD.
The Japanese company's experience on applying technology in developing countries, as well as business opportunities and challenges
- Mr. Shunichi Honda, Programme Officer, UNEP IETC
Technology adaptation in developing countries, and the viewpoint of an international organization
- A WtE expert from Asian country (TBC)
- Q&A:
For Q&A, the audience may provide questions through the registration form or the following email address in advance.
- More information: <https://www.iges.or.jp/en/events/20201028>
- Organizers:

- IGES Center Collaborating with UNEP on Environmental Technologies
- the Japan Society of Material Cycles and Waste Management
- The International Environmental Technology Centre of United Nations Environment Programme

