

Technical Workshop

WEEE Matters: Spot it, Sort it, Manage it Right

A Capacity Building Workshop on Practical WEEE Management and Risk Reduction

Date: 13 - 14 May 2025, 8:30 AM – 5:00 PM

Venue: Suranarai B, The Imperial Hotel and Convention Centre Korat, Suranarai Road,
Naimuang District Amphur Muang, Nakhon Ratchasima

Date: 15 May 2025, 8:30 AM – 4:00 PM (Site Visit)

Venue: Buriram, Thailand

Supported by

- Pollution Control Department (PCD)
- Institute for Global Environmental Strategies (IGES)
- Asian Environmental Compliance and Enforcement Network (AECEN)
- National Metal and Materials Technology Center (MTEC)

Objectives

This workshop is designed to equip regional government officers responsible for managing Waste Electrical and Electronic Equipment (WEEE) with essential knowledge about the materials and hazardous substances found in electrical and electronic products. Special emphasis will be placed on Persistent Organic Pollutants (POPs), which are commonly present in WEEE. The training aims to strengthen participants' ability to recognize valuable and hazardous components, assess related risks, and apply basic strategies for the safe handling and management of these substances within their local contexts.

Learning Outcomes

By the end of the workshop, participants will be able to:

- Recognize valuable components and hazardous substances present in WEEE
- Understand basic methods for identifying and sorting materials of value, hazardous components, and parts potentially containing POPs
- Be aware of the health and environmental impacts of hazardous substances in WEEE
- Acquire fundamental knowledge for identifying risks and implementing preventive measures related to POPs and other hazardous substances
- Gain basic knowledge to support communication or awareness-raising efforts on WEEE and hazardous substances within their local communities
- Collaboratively propose context-appropriate approaches for the management of POPs in WEEE

Programme Agenda

Day 1: May 13, 2025

Time	Activity
08:30-09:00	Registration
09:00-09:15 (15 min)	Welcoming and Opening Welcoming remarks Ms. Kullacha Tanakwang , Director of Environment and Pollution Control Office 11 Opening remarks Ms. Chochoe Devaporihartakula , Programme Manager, Institute for Global Environmental Strategies (IGES) Ms. Phanit Rattasuk , Director, Waste and Hazardous Substances Management Division at the Pollution Control Department (PCD)
09:15-10:00 (45 min)	Sharing Regional Experiences: WEEE Issues Across the Country By Representative from Environment and Pollution Control Offices
10:00-10:15	Coffee Break
10:15-12:00 (105 min)	Module 1: WEEE Matters: Spot It By Dr. Nudjarin Ramungul and MTEC Team <ul style="list-style-type: none"> Materials Used in Electrical and Electronic Equipment
12:00-13:00	Lunch Break
13:00-14:30 (90 min)	Module 2: WEEE Matters: Sort It By Dr. Nudjarin Ramungul and MTEC Team <ul style="list-style-type: none"> POPs and other hazardous substances in EEE
14:30-14:45	Coffee Break
14:45-16:00 (75 min)	Module 2 (Continue): WEEE Matters: Sort It By Dr. Nudjarin Ramungul and MTEC Team <ul style="list-style-type: none"> Techniques for Identifying and Sorting Components Potentially Containing POPs and Other Hazardous Substances
16:00-17:00	Game Activity: “Spot It, Sort It” Challenge (with prizes)

Day 2: May 14, 2025

<i>Time</i>	<i>Activity</i>
08:15-08:30	Registration
08:30-08:45 (15 min)	WEEE Matters – Quick Review By MTEC Team
08:45-10:15 (90 min)	Module 3: WEEE Matters: Manage it Right By Dr. Nudjarin Ramungul and MTEC Team <ul style="list-style-type: none"> Reducing Risks from POPs and Other Hazardous Substances in WEEE Standards for sustainable WEEE management Relevant legal frameworks
10:15-10:30	Coffee Break
10:30-12:00 (90 min)	Module 4: Managing POPs in WEEE: International Perspectives By Dr. Peeraporn Palapleevalya, Executive Secretary and Committee of the APRSCP Foundation and Sustainable Consumption and Production Association (Thailand) <p>Management of POPs in EEE, WEEE, and recycled plastics in Japan By Dr. Natsuko Kajiwarra, National Institute for Environmental Studies (NIES), JAPAN (Online)</p> <p>Good practice of POPs management in another country (E-waste related) By Prof. Dr. Agamutu Pariatamby, Senior Professor, Jeffrey Sachs Center on Sustainable Development, Sunway University and Honorary Member, International Solid Waste Association (ISWA)</p>
12:00-13:00	Lunch Break
13:00-16:00 (180 min)	Group Workshop & Group Presentation: Strategies for Risk Reduction and Management of POPs in WEEE Plastics* & Group Presentation Guided by MTEC Team
	Closing Session & Certificate Distribution

Day 3: May 15, 2025

<i>Time</i>	<i>Activity</i>
08:30-16:00	Site Visit – WEEE Management in Buriram By Environment and Pollution Control Office 11 and Facilitated by Dr. Peeraporn Palapleevalya, Executive Secretary and Committee of the APRSCP Foundation and Sustainable Consumption and Production Association (Thailand)