

Trash Talks

TRAINING PROGRAM ON:

Understanding the Value of Waste as a Resource

Learn how to recover value from waste or comply with waste-related regulations. This program helps organizations analyze waste independently, understand its value, and use data to make informed decisions that can support compliance, sustainability, and a more circular economy.



Set an exploratory call:
quest@aqopartners.com



CHOOSE BETWEEN:

Self-paced Learning

4 Estimated Learning Hours

Facilitated Training

1 full day / 2 half days

**both with lifetime access to all learning materials and tools!*

Quest
HANDBOOKS

aqo
PARTNERS



Aqo Partners brings together expertise across disciplines, combining design and systems thinking to creatively tackle complex issues and deliver practical, actionable solutions for teams and leaders.

We guide them along their sustainability journey, providing support through **capacity building or mentoring, research, strategy, program design or management**, and **ESG** (Environmental, Social, and Governance) **Reporting & Compliance**.



Learn more about us through:
www.aqopartners.com



What differentiates **Aqo Partners** as trainers?

40+

**Sustainability Trainings
Conducted**

4.47/5

Average Rating
for all trainings we conducted



Learn more about us through:
www.aqopartners.com

Our trainings are grounded in practice.

Our advisory work puts the same tools
and methods we teach into action!



Case Study:

Used Beverage Cartons (UBCs) End-of-Life Study

Problem:

UBCs are not widely recognized as recyclable, with limited visibility into where they go after use. Many enter mixed waste streams, increasing landfill volumes and losing material value.

Solution:

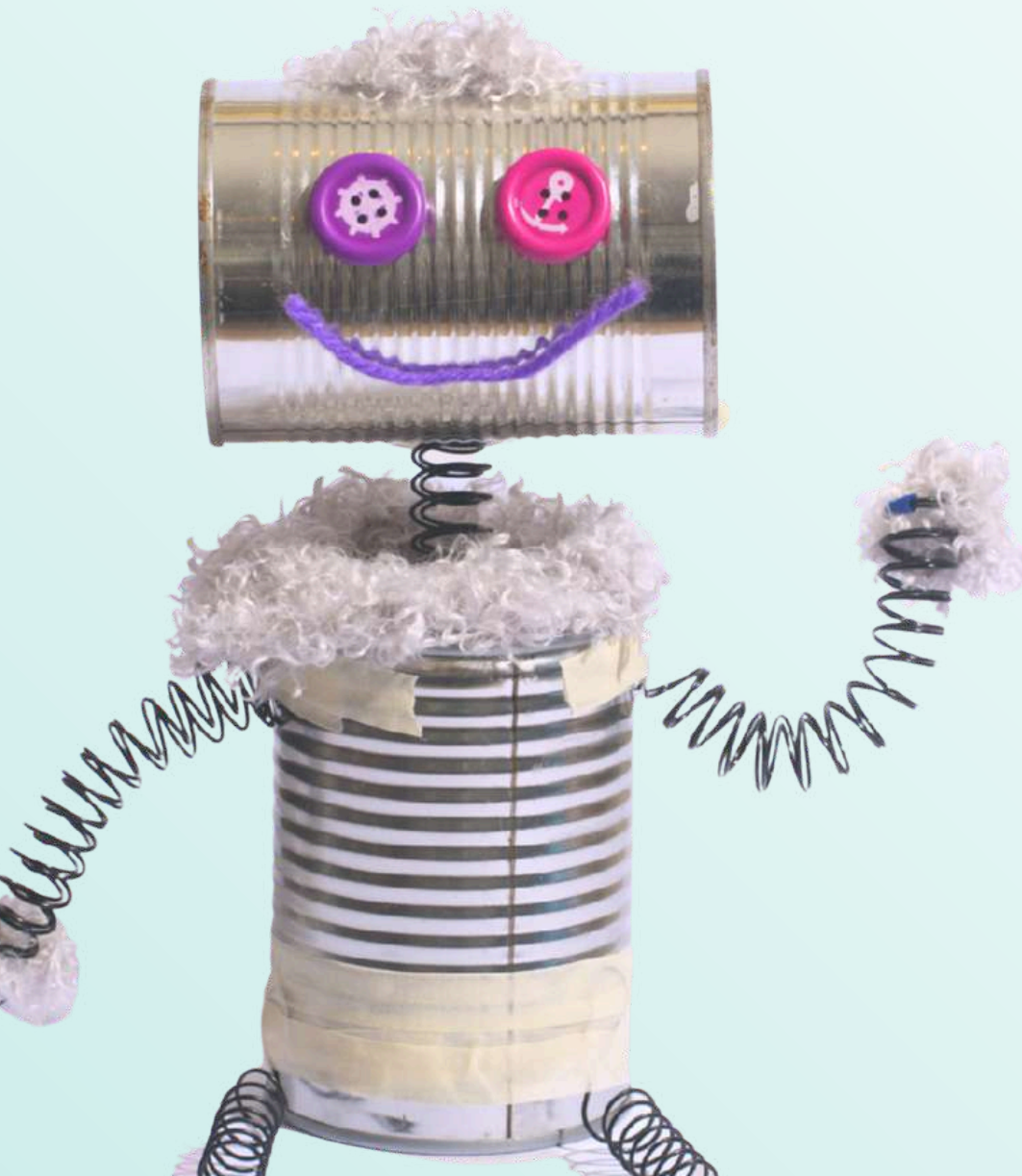
We conducted a **Waste Analysis and Characterization Study (WACS)** and **stakeholder engagement** to understand waste flows and recovery pathways. Our support covered the process from WACS setup and sampling to data validation, analysis, and reporting.

Results:

The study provided **baseline data on where UBCs end up**, helping identify **recovery opportunities**, **potential partnerships**, and **data gaps** to support recycling and more informed waste management.

Trash Talks

**Understanding Waste
as a Resource**



This is a **facilitated or self-paced training program** that teaches the fundamentals of **waste management**, guided by the principles of the Extended Producer Responsibility (EPR) Act of 2022 and the nationally adopted Waste Analysis and Characterization Study (WACS) methodology, developed with support from the Japan International Cooperation Agency (JICA).

WHAT'S IN THE PROGRAM KIT:

- **5 Modules that explore:**
 - Sustainability & Circular Economy
 - Extended Producer Responsibility
 - Waste Analysis and Characterization Study (WACS)
 - Waste Management Planning
- **Learning Resources and Tools:**
 - Learning Materials and References
 - WACS Toolkit and Protocols (includes demo videos, data sheets, and computation tools)
 - Waste Management Programs/Partners List
- **Module Assessments** (that validate learning)
- **Lifetime Access to Materials and Resources**

FACILITATED

1 Full / 2 Half Days

*1 lecture day
1 field demo day*

****Materials are included.***

SELF-PACED

**4 Estimated
Learning Hours**

via Google Classroom

Coming Soon!

WHY RUN THE PROGRAM?

Benefits for an:

Obligated Enterprise (OE)

You are required to comply with the **Extended Producer Responsibility (EPR) Act of 2022 (RA 11898)** by implementing an EPR program for your plastic packaging waste.

At the end of the training, you will:

- Understand **post-consumer waste streams** to establish your own **baseline data**.
- Develop or enhance your current **EPR initiatives** by identifying the most recoverable materials, program leakages, priority interventions, or potential partnerships.
- Strengthen data reporting on waste to support annual **EPR or ESG reporting requirements**.
- Contribute to a more circular economy by uncovering **opportunities** for waste reduction or recovery within your value chain.



GUIDANCE:

An OE is typically a large enterprise that places plastic packaged products on the Philippine market. They may be a brand owner, product manufacturer, or importer.

As an OE, you are expected to:

- Measure and report your plastic packaging footprint annually.
- Develop and register an EPR Program with or without a Producer Responsibility Organization (PRO).
- Recover or offset your plastic packaging footprint through reuse, recycling, treatment, or proper disposal.
- Meet annual recovery targets (80% by 2028).
- Submit annual compliance reports verified by a third party.

WHY RUN THE PROGRAM?

Benefits for a:

Business (big or small)

and you generate a significant amount of solid waste, your LGU may require proper waste segregation and management through local ordinances, in accordance with RA 9003.

At the end of the training, you will:

- Understand your company or post-consumer **waste streams** to establish your own **baseline data** for waste-related programs.
- Implement segregation at source to **reduce waste disposal costs**.
- Assess waste management as a potential **material sustainability topic** for your company.
- Contribute to a more circular economy by uncovering **opportunities** for recycling and waste reduction and establishing **partnerships** for waste collection and recycling programs.



GUIDANCE:

Businesses engage in commercial, industrial, or professional activities that can generate solid waste.

As a business, you may be expected to:

- Comply with applicable waste management ordinances on proper waste segregation and management.
- Invest in waste reduction, recovery, and recycling initiatives that support ecological solid waste management.
- Develop or adopt more resource-efficient products and processes that conserve materials and energy, reduce waste, and prevent pollution.
- Support community and stakeholder initiatives that promote responsible waste management.

WHY RUN THE PROGRAM?

Benefits for a:

Local Government Unit (LGU)

You are responsible for the implementation and enforcement of the provisions of **RA 9003 or the Ecological Solid Waste Management Act of 2000.**

At the end of the training, you will:

- Improve the **segregation and collection** of solid waste at the barangay level.
- Have **data to support your 10-year Solid Waste Management (SWM) Plan** for your respective city or municipality.
- Conduct a **Waste Analysis and Characterization Study** to get waste generation data.
- Develop informed programs for **waste prevention or source reduction, recycling, and composting** under the SWM Plan.



GUIDANCE:

An LGU refers to a provincial, city, municipal and/or barangay government entity. They typically have a designated office for waste management.

As an LGU, you are expected to:

- Ensure efficient collection of waste from residential, commercial, industrial, and agricultural sources.
- Review and update your 10-year SWM Plan every year.
- Divert at least 25% of all solid waste from waste disposal facilities through re-use, recycling, and resource recovery activities.
- Increase waste diversion goals every 3 years.
- Establish and maintain a Materials Recovery Facility in every barangay.
- Cooperate with the national government, non-government organizations, and the private sector to effectively manage waste collection and disposal in your locality.

WHY RUN THE PROGRAM?

Benefits for an:

Academic Institution

You are required to comply with **RA 9512** or the “**National Environmental Awareness and Education Act of 2008**”.

At the end of the training, you will:

- Understand the waste stream of your institution to gather baseline data for establishing **waste management programs**.
- Incorporate **ecological waste management principles in school systems at all levels**, involving school administrators, teaching and non-teaching staff, and students.
- Promote **environmental education** within the institution.
- Identify **opportunities** to reduce, reuse, recycle, and compost, supporting **DepEd Order No. 5, s. 2014**.

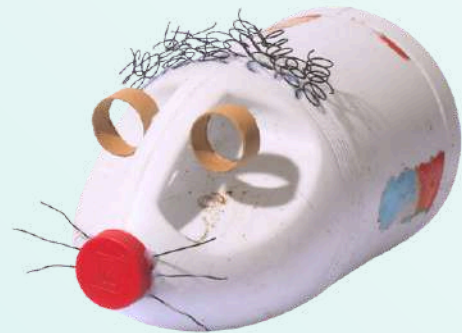


GUIDANCE:

Academic institutions include public and private institutions at all levels, including preschool, nonformal, technical vocational, professional, indigenous learning, and out-of-school youth programs.

As an academic institution, you are expected to:

- Integrate environmental education and ecological waste management into learning/school activities, including waste minimization, segregation, reuse, recycling, and composting. (RA 9512; RA 9003)
- For public elementary and secondary schools, prohibit littering and waste burning, minimize waste and single use disposables, promote reusable food containers and packaging, and designate an area as a Materials Recovery Facility (MRF) for reusable, recyclable, and residual waste. (DepEd Order No. 5, s. 2014)
- For private elementary and secondary schools, strengthen environmental education through lessons and school-based activities. (DepEd Order No. 52, s. 2011)



Module 1

Introduction and Context Setting

Learn about the importance of waste management for sustainability and promoting a more circular economy.



Module 3

How to Conduct a WACS?

Learn the steps, the waste categories, and how to conduct a WACS.



Module 5

Ways Forward with Your WACS Data

Learn how to use WACS data for programs.



Module 2

Introduction to WACS

Learn what a WACS is and why it's done.



Module 4

Processing WACS Data

Understand how to store and process WACS data.

Module Details

Module 1 Introduction and Context Setting

Learn about the importance of waste management for sustainability and promoting a more circular economy.

In this module, you'll be oriented on sustainability and sustainable development. You'll learn about the current global and local landscape and how adopting circular economy principles can contribute to the sustainable development goals.

- [Module Slides](#)
- [Reflection & Discussion](#)

Module 2 Introduction to WACS

Learn what a WACS is and why it's done.

After laying out the foundations, you'll be introduced to a Waste Analysis and Characterization Study (WACS), a waste management approach used to analyze the composition and quantity of waste generated. This module will guide you on the workflow and methodology, waste sample collection methods, and the logistics needed in preparation for a WACS activity.

- [Module Slides](#)
- [Infographics](#)
- [Short Quiz](#)

Module 3 How to Conduct a WACS

Learn the steps, the waste categories, and how to conduct a WACS.

By the third module, you will now learn the step-by-step process of collecting waste data through a WACS. Conduct your own WACS from waste sample preparation to sorting and recording waste sample data.

- [Module Slides](#)
- [Infographics](#)
- [Video Tutorials](#)
- [Data Template](#)
- [Short Quiz](#)

Here's what you'll learn per module!



Module Details

Module 4 Processing WACS Data

Understand how to store and process WACS data.

Store and analyze your collected waste data using simple spreadsheet tools and process your data into presentable information for your stakeholders to easily understand. This module will help you translate your raw data into actionable insights that fit the waste management needs of your organization/company.

- **Module Slides**
- **Data Template**
- **Short Quiz**

Here's what you'll learn per module!

Module 5 Ways Forward with WACS Data

Learn how to use WACS data for programs.

Your WACS data can be used in different capacities, depending on the objectives of your organization/company. The fifth module will provide recommendations and prompt ideas on how you can utilize your WACS data aligned with your organization's strategic decisions.

- **Module Slides**
- **Programs/Partners List**



What's in the Toolkit:

Aside from lectures, you will also have access to tools, data sheets, and visual materials!

Guided WACS Tutorial Video

A full video tutorial of the WACS process, where you'll be guided through each step from preparation to cleanup.

WACS Data Entry Form

A printable sheet used during the sorting phase of a WACS. You can use this sheet to record quantitative data of the sorted waste categories.

WACS Data Processing Sheet and Computation Tool

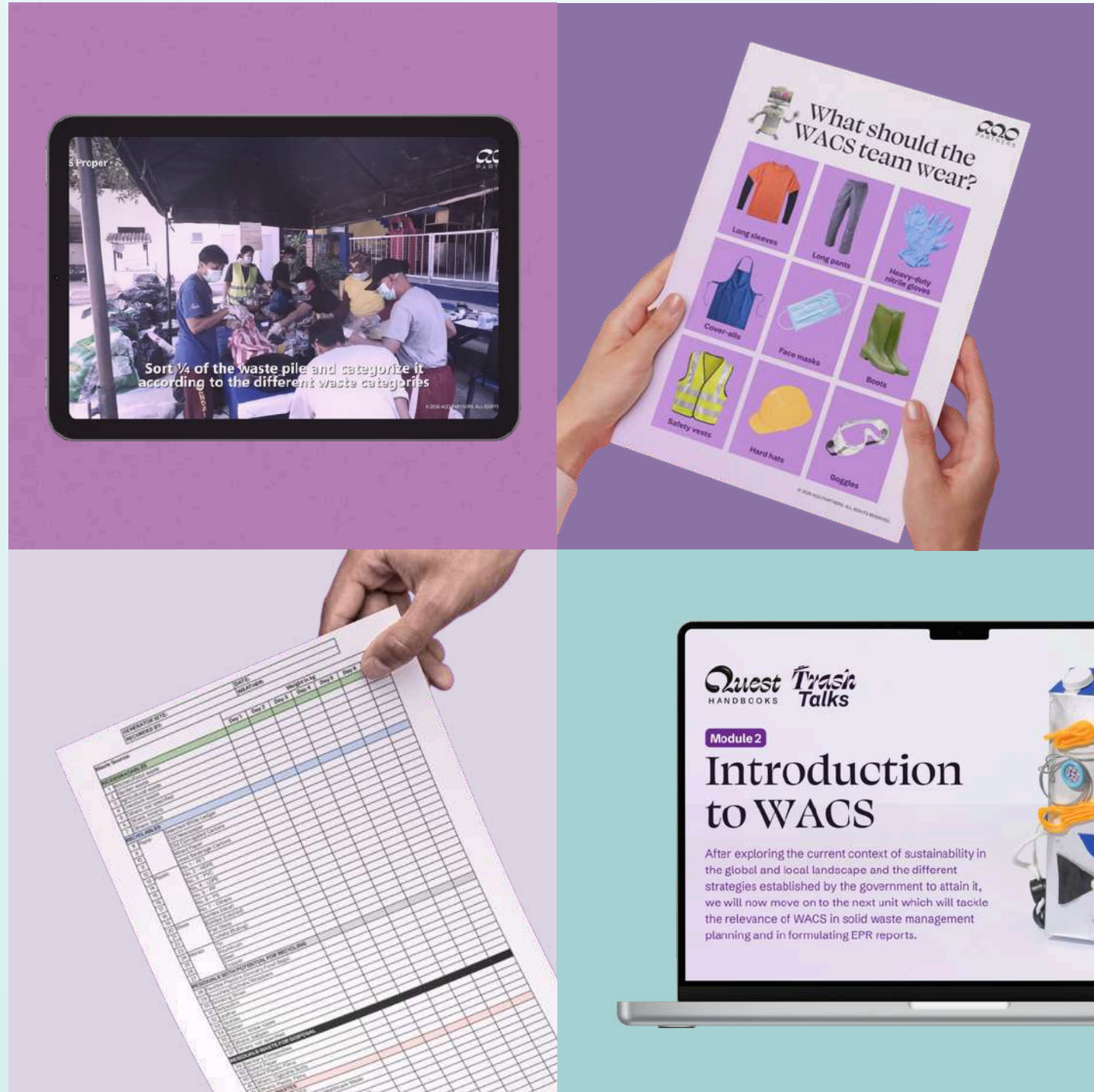
A spreadsheet that will assist you in storing, processing, and presenting your WACS data. The spreadsheet can be customized according to the data needs of your organization.

WACS Infographics

Visual learning materials containing the necessary information for WACS preparations.

Database of Waste Partner Programs

A list of different waste management programs available that can support your waste management efforts.



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