



CommTECH Course 2020 Online Edition

Course Title : Zero Waste Stores: A Way to Combat Plastics
Instructor Coordinator : Assoc. Prof. Dr. Maria Anityasari, S.T., ME
Dates : 24-31 August, 1-4 September 2020
Allocated Time : 6 hours per day for courses & fun language & cultural activities

Synopsis

In the last decade, the issues on plastics have caused serious concern all over the world. Many efforts have been made to reduce the amount of plastic waste, especially for packaging. One of those efforts is the emerging of stores that removes packaging from end customers. This effort is commonly known as *Zero-Waste Store*. It is a store that sells goods in bulk and encourages customers to bring containers to take their products home.

In this CommTECH Course 2020 Online Edition, participants will learn the business process of Zero Waste Store (ZWS) in different countries and explore the implementation of ZWS in their own country. Furthermore, three aspects of ZWS implementation will be discussed, including people's willingness to shop in a ZWS, Life Cycle Management (LCM), and the use of technologies to enhance the ZWS success.

This course is designed for undergraduate students from various fields who want to learn new knowledge and methods in business process, statistics, and system design. Participants will also have great opportunities to develop soft skills and cross-cultural understanding, as they will work in a group to have hands-on experiences including conducting survey, reviewing scientific resources, generating ideas, and analysing the ideas. In addition to that, participants will have opportunities to experience different cultures in the fun activities designed especially for online learning.

Schedule & Detailed of Sessions

Day 1 (Monday)

Courses:

- Introduction & Overview of the Program
- Plastic Problems Worldwide
- Plastic Problems in Indonesia: Real Facts from the Field (Speaker: CEO of ECOTON)
- Worksheet 1: Scrutinizing Plastic Problems in Your Country

Language & Cultural Activities:

- Fun Indonesian Language
- Campus Tour

Day 2 (Tuesday)

Courses:

- Think Loudly (Discussion of Worksheet 1)
- Zero Waste Store Initiatives Worldwide
- Zero Waste Store Initiatives in Indonesia
- Worksheet 2: Finding Zero Waste Store Initiatives in Your Country





Language & Cultural Activities:

- Fun Indonesian Language
- Traditional Dance

Day 3 (Wednesday)

Courses:

- Think Loudly (Discussion of Worksheet 2)
- Business Process of Zero Waste Stores
- Managing Business Process of Zero Waste Stores (Speaker: CEOs of Zero Waste Stores)
- Worksheet 3: Identifying the Most Challenging Aspects in Operating Zero Waste Stores

Language & Cultural Activities:

- Fun Indonesian Language
- Traditional Instrument

Day 4 (Thursday)

Courses:

- Think Loudly (Discussion of Worksheet 3)
- People Willingness to Shop in Zero Waste Stores
- Basic Statistical Analysis
- Worksheet 4: Designing an Online Survey

Language & Cultural Activities:

- Fun Indonesian Language
- Indonesia Updates

Day 5 (Friday)

Courses:

- Basic Life Cycle Management (LCM)
- Life Cycle Management Analysis for Zero Waste Stores Implementation
- Worksheet 5: Defining Goals and Scope of Life Cycle Management Analysis of Zero Waste Stores Implementation

Language & Cultural Activities:

- Fun Indonesian Language
- East Java and Surabaya Updates

Day 6 (Saturday)

Language & Cultural Activities:

- Surabaya City Tour

Day 7 (Monday)

Courses:

- Grouping
- Project Allocation
- Group Work on Worksheet 4 & 5
- Presentation & Feedbacks





Day 8 (Tuesday)

Courses:

- Technologies in Zero Waste Stores' Operation
- Group Work

Day 9 (Wednesday)

Courses:

- Group Work

Day 10 (Thursday)

Courses:

- Discussion & Progress Review
- Group Work

Day 11 (Friday)

Courses:

- Presentation & Feedbacks
- Reflection
- Awarding & Closing

