

## Med4Waste game

### Eco-Builder

Welcome to Eco-Builder, a Med4Waste game, where you will have the chance to join the leading consultancy company in the field of zero-waste methodology. The game is about a company that is seeking talented and passionate candidates capable of assisting them in implementing effective waste management practices in the Mediterranean region, by capitalizing on the results of previous projects.

*Are you ready to tackle this challenge??!* 🤖

During this game, you will have to pass four levels that are based on different Med4Waste projects. At the end of each level, you will have to face an interviewer who will ask you questions about the project and your skills. To impress them and move on to the next stage, you must answer correctly and convincingly!

We encourage you to visit [Med4WASTE Catalogue \(aub.edu.lb\)](https://med4waste.aub.edu.lb) and acknowledge yourself with as much information and details as you can to confirm scoring high in the challenge.

To play the game, use the letters: W, A, S, D or the arrows on your keyboard to move around, collect the plastic bottles, and don't forget to open the mystery boxes by clicking space to reveal their secrets and help you solve the levels' challenges 🔑

The time it takes to complete the various levels varies from 20 to 40 minutes, depending on your ability to answer the questions and your speed at finding the chests ⌚

Here is a brief overview of each level and its corresponding project 🤖

**Level 1:** In this level, you will learn about a project under ENI CBC MED that proposes a methodology for implementing a “Zero Waste” public policy in Mediterranean cities. 🗺️ For this, it developed a zero-waste municipal waste management plan, provided startup support, and published a zero-waste guidebook.

**Level 2:** In this level, you will visit a town, which uses anaerobic digestion to create biogas and fertilizer from organic waste. The central digester just broke down 🤖 which means they will be short on electricity and fertilizer. Your team is expected to assist the mayor in resolving this issue. As a project under the ENI CBC MED program, it utilizes a circular economy approach for the management of the organic fraction of municipal solid waste within the countries of the Mediterranean region ♻️

**Level 3:** In this level, you will travel to a second town, which is known for its vast agricultural lands 🚜 In most cases, organic waste is not treated and is disposed of in landfills. The mayor wants to implement a composting unit, but the town council is still a bit hesitant since they are afraid of the reaction of the locals. You will have to raise awareness about the benefits of composting by teaching people how to compost at home 🏠 In addition to being an ENI CBC MED-funded project, this

project aims to mitigate the negative environmental, economic, and social impacts of poorly managed organic waste in the Mediterranean region.

**Level 4:** You will have the chance to explore the last town, which is known for its reuse circuits. A reuse circuit is a municipal network based on reuse for home appliances, furniture, books, clothes, Waste Electrical & Electronic Equipment, and food. The project encourages a culture of reuse for environmental sustainability, green employment, and solidarity 🧑🏻 to develop a new waste management system. The mayor, however, believes that citizens should be more involved. You will have to collect items in the city that can be used in the circuit as quickly as possible 🏃.

**Level 5: CONGRATS!** 🎉 **You have reached the final level!** Here you can get as creative as you want but be careful, you have the responsibility to solve waste management problems and come up with solutions.

Play the game and learn more about these amazing projects and how they contribute to better waste management in the Mediterranean region. Strive for the top score and join us at the Hackathon for a chance to win exciting prizes.

Good Luck! 🚀

## Game Links

- PC version [Unity WebGL Player | Med4Waste \(med4waste-game.web.app\)](https://med4waste-game.web.app)
- Android version <https://drive.google.com/file/d/1s-6EuJLS1bE73dZ2wZQFQsN3PNkxQsjP/view?usp=sharing>
- iOS version <https://testflight.apple.com/join/HYYZDmcT>