

Future50

Industry, Manufacturing
and Resource Management

Waste Management Technology



The Waste Lab



<https://www.thewastelab.com>

#NatureBasedSolutions

Highlights

Winner of **Visa She's Next** grant program.⁵⁸ The Waste Lab notes that it has secured clients such as Conrad Hotel from the **Hilton Group** and **VOX Cinemas** from **Majid Al-Futtaim Group**, as well as **BOCA Restaurant** and **Coffee Planet**.⁶⁰

During Ramadan in 2023, The Waste Lab secured a **partnership with car brand Kia**⁶¹ to launch a three-stage GCC operation transforming food waste into healthy compost, and raising awareness on the importance of reducing food waste at every level and of using nature-based solutions. The company is reported to have **secured more than USD 150,000**⁶² in equity and grant finance.

Strategic alliances:

- Business (Large Companies)
- NGOs
- Research Institutes
- Hospitality Chains
- Farms
- Food Producers

List impact technologies:

Food Waste Technology

Headquarters and Middle East operational countries:

United Arab Emirates

Summary

The Waste Lab **salvages food and organic waste** from households and businesses that would normally end up in landfills, and creates **compost and other byproducts** from it. The company notes that it follows natural, on-farm composting on its farmland and **repurposes other rescued materials**, such as **sawdust and discarded wooden pallets** from local carpenters, **spent mushroom substrate** from mushroom growers and **discarded roots and stems** from vertical farms.

Impacts

The Waste Lab claims to have **diverted 222 tons of waste from landfills in the first three quarters of 2023**, resulting in the **production of 67 tons of compost** and the **avoidance of 255 tons of CO2 emissions**.

Locally produced compost can **reduce the amount of compost that needs to be imported**, boosting carbon footprint reduction as well as building healthy soil for farmers requiring less irrigation. The company creates further social impact by conducting hands-on workshops to help communities practise proper organic waste-sorting at source, as well as repurposing food waste from their homes or place of work.⁵⁸