



Future50

Industry, Manufacturing
and Resource Management

Waste Management Technology



Terrax Environmental Limited



<https://terrax.world/>

#BuiltEnvironment
#GreenManufacturing #ClimateTech

Highlights

Based in **Masdar City**, Terrax is an alumnus of the **PepsiCo GreenhouseAccelerator**⁵⁴ and the **Mohammed Bin Rashid Innovation Fund**,⁵⁵ and notes also participating in the **Emaar Innovation Challenge 2022** and in the **C3 Impact Accelerator**. Additionally, its stated partner product, Trident Trackway was named Sustainable Business of the Year at the **MEED Gulf Capital SME Awards 2021**⁵⁶ and participated in the **Start AD Academy for Women Entrepreneurs in 2021**.⁵⁷ Terrax adds that it is working on trials with both **Emaar** and **PepsiCo** to bolster their waste management and recycling efforts.

Strategic alliances:

- Government
- Construction Companies
- Events Companies
- Waste Management Companies

List impact technologies:

Low-GHG Plastics

Headquarters and Middle East operational countries:

United Arab Emirates

Summary

Terrax is a waste-processing company focused on **transforming unsegregated plastic and organic waste to replace virgin materials**, such as plywood, pallets and lumber that is used for construction, logistics and events. It suggests that the carbon footprint of its local recycled products (decking, plywood, etc.) is at least three times less than the same compounded processed wood products, notwithstanding the transport and shipping carbon footprint of the latter arising from importing.

Impacts

Terrax notes that it is able to recycle waste that others cannot, and that it consequently helps **reduce import dependencies, waste pollution, waste sent to landfills and deforestation**. Aside from using waste to make wood replacement products, reducing carbon emissions through its low-carbon products and reducing shipping and transport through its "local waste to local market" approach, Terrax seeks to eliminate the need to segregate input waste and to help create a working environment that is less detrimental to humans working with waste.

