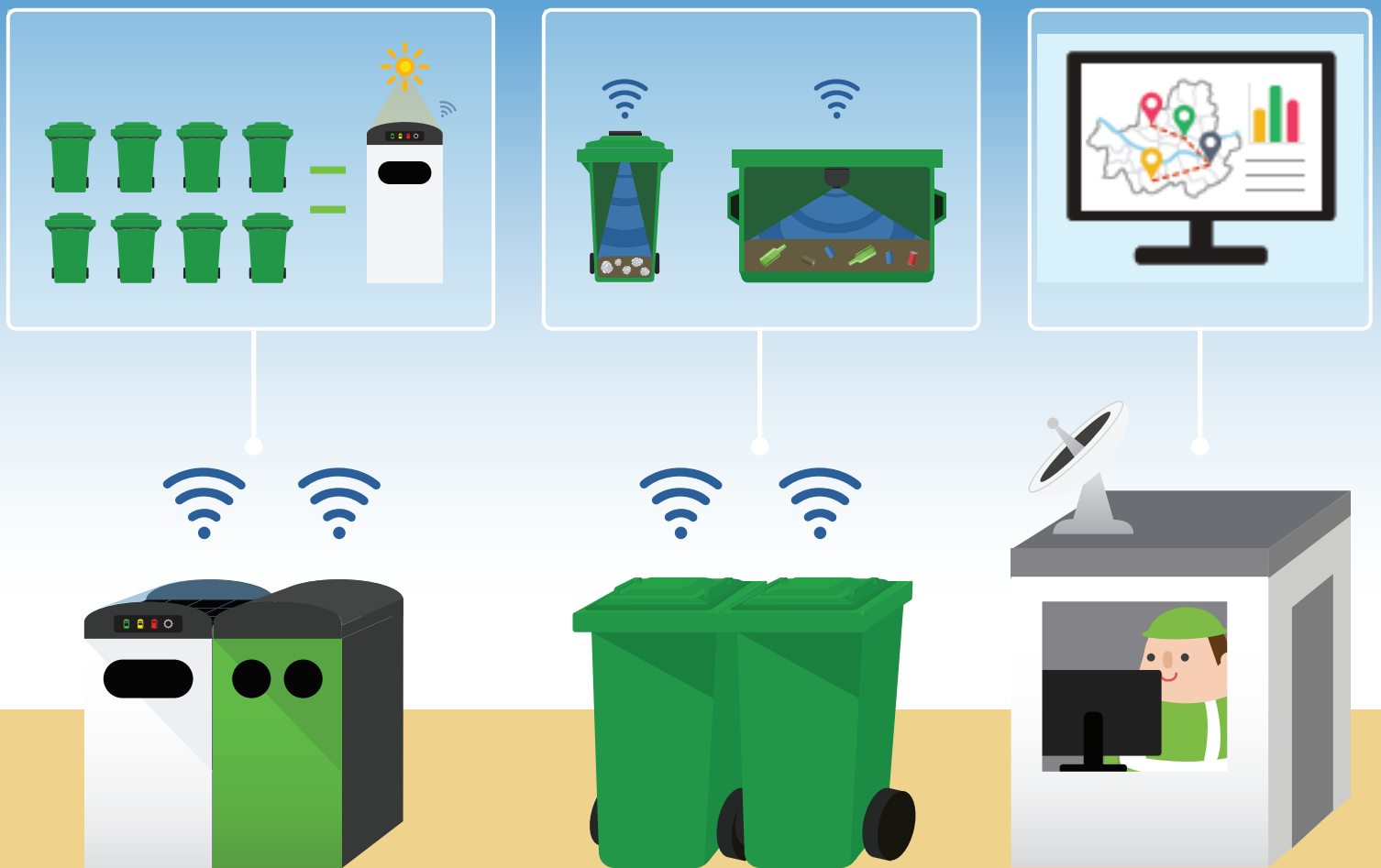


Intelligent Waste Collection Solution

Dramatically reduces waste collection costs by up to 80%



Clean CUBE

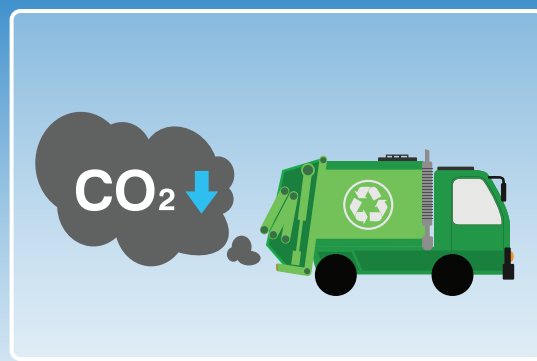
Solar-powered waste compacting bin. Senses bin fill-level and sends real-time data to Clean City Networks.

Clean CAP

Wireless bin fill-level sensor. Senses bin fill-level and sends real-time data to Clean City Networks.

Clean City Networks

Real-time monitoring and data management platform. Provides optimization of collection routes.



Smart Collection Planning

Collections require less trucks, fuel, and time, reducing operational costs by up to 80%.

Greener Environment

Eliminate overflowing bins and reduces harmful emissions, resulting in cleaner cities.

Clean CUBE

Solar-powered waste compacting bin



Product Dimensions

Model	Dimensions (HxWxL)	Weight
100L	610 x 610 x 1167mm	140kg
120L	624 x 762 x 1440mm	155kg
240L	740 x 840 x 1536mm	190kg

Bin Volume *120L customized inner bin available

Model	Compaction trash	Uncompacted trash
100L*	100L	500L
120L	120L	600L
240L	240L	1200L

1. 100% powered by solar energy

- Solar panel up to 55W

2. Up to 8 times more waste than traditional bins

- Compaction force up to 500 kgf

3. Hand detection safety sensor & Fire detection sensor

4. Wheelie bin compatible

5. LED backlight or LCD video advertisement

6. Wifi hotspot

7. Wireless data transmission

8. GPS location tracking



CLEAN CAP

Wireless ultrasonic fill-level sensor

1. Attachable to any type of bin or container
2. Accurate sensing of both solid materials and liquids

Measuring technology : Ultrasonic sensor

Measuring range : 30~400cm

3. Wireless data transmission
4. GPS location tracking
5. External antenna available




Ready for cleaner, greener, cheaper waste collection? Reap the benefits:

ECONOMIC BENEFITS	ENVIRONMENTAL BENEFITS	SOCIAL BENEFITS
<ul style="list-style-type: none">• Efficient collection planning• Reduces collection trips and operational costs• Saves labour and time• Compaction increases bin capacity	<ul style="list-style-type: none">• Eliminates waste overflow• Reduces CO₂ emissions• Strengthens environmental awareness & image	<ul style="list-style-type: none">• Raises public awareness of renewable energy• Supports the use of renewable energy products• Improves street sanitation



M←Universal™
Engineering & Trading Limited

Road No:10, Banjara Hills
Hydrabad 500 034, Telangana, India
T: +91 40 23378777 M:+91-9000007869/ 9701688311
E: info@meuniversal.com  www.meuniversal.com

