

ECUBE LABS Clean Cube

IT'S TIME TO GET SMART.

Meet the CleanCube, the most technologically advanced solar powered smart bin. Holding 8x its traditional capacity, this compacting bin can reduce pick up frequency, reduce labour hours while removing residual waste around bins and reduce trucks on the road.

With a maximum capacity of 1920L when using the standard 240L Australian wheelie bin, the CleanCube will revolutionise the way your council, school, university, shopping centre or park will manage waste.



↓
x8

The Clean Cube holds up to 8x more waste than a standard bin.

90%

An average of 90% reduction in collections.

T x8

8 Tonnes of carbon reduction per bin.

Clean City Network

Clean City Networks (CCN) is our waste management platform and the glue that binds all our solutions together. CCN provides the monitoring environment, smart dashboard, analytics, and control centre for our smart bin and smart sensors. Web-based and cloud-hosted, CCN is available anywhere you have a modern browser and an internet connection. It gives you total control and insight into your waste management operations and has proven cost-reduction benefits when used with our CleanCube or Clean Flex units.



Available through:

Sustainably.

ECUBE LABS Clean Cube

FEATURES:



+ VINYL WRAPS:

Customise your CleanCube with our in-house specialised design and wrapping. Design your own or use one of our templates to educate users, promote other great initiatives or help them blend into the surrounding environment.

+ 5G SMALL CELL:

As 5G operates in the 2.4 – 4.2GHz spectrum, towers and long-range transmitters are not as effective compared with existing 4G infrastructure. With our unique position at street level and our existing coverage in major cities, utilise the 5G small cell technology to ensure your city has the fastest available wireless internet speed.



+AD PANELS:

With our static ad panels, you can promote your own initiatives to users. Static ad panels can be retrofitted after the initial installation to add value to your existing smart waste solution.

+ CCTV:

Increase the security presence with build-in CCTV. Cloud activated and 24/7 monitoring can help persuade anti-social behaviour while keeping your people safer in the community.

+ BEACON TECHNOLOGY:

Implementing beacon technology can help to understand how users are interacting with the CleanCube. Utilising MAC addresses on phones can provide data on foot traffic data of the whole area.

+WIFI ROUTER:

In today's ever connected world, the CleanCube can provide public access Wi-Fi for those in the area. Palmerston in NZ has deployed 2 CleanCube near its local skate park to collect rubbish and provide free Wi-Fi for the skaters.

+SOLAR:

Perfect for New Zealand or any location with direct sun, the CleanCube can be operated entirely by solar power. Storing up to 13 amps of power in the on-board battery, the smart bin can run entirely off the grid, helping your city, school or company move toward a carbon-free environment.

+AC ONLY:

Perfect for indoors or obstructed locations, the AC powered CleanCube can be installed using a standard 240V plug or hardwired into the ground for a more permanent solution, ensuring your waste is still compacted and your solution still smart.

+ HYBRID:

The best of both worlds, and sometimes necessary for locations which have partially obstructed sun light. The hybrid CleanCube only draws from the mains when the battery is depleted, ensuring that the majority of use is still driven by solar power.



Find out more: sustainably.co.nz

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