



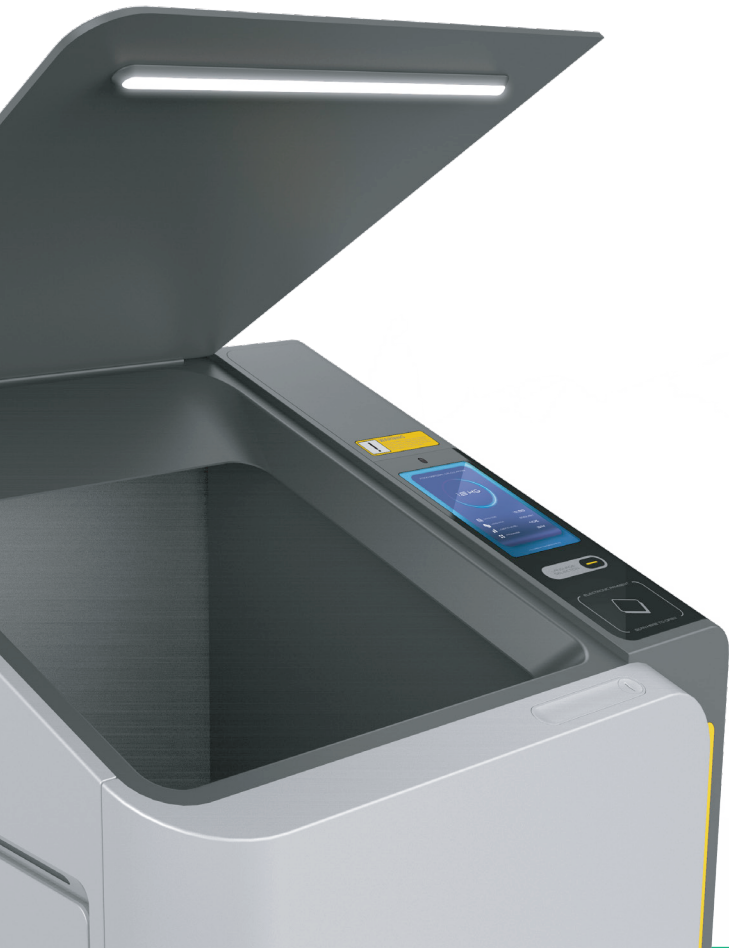
SMARTCLASSIFY

An intelligent and fun way to recycle food



基石再生能源有限公司
Cornerstone Renewable Energy Limited

**SUPPORTING FOOD
WASTE RECYCLE**



Food waste makes up a significant amount of the city's municipal solid waste, and two-thirds of it comes from domestic households.

To match the growing capability for food waste recycling, it is important to have appropriate measures to facilitate source separation and collection of food waste for the households.

Why partnering with us is rewarding

By launching our Smart technology food waste collection recycling machine, "SmartClassify" we can install the perfect solution across residential and commercial properties.

We have invested in setting up the clear infrastructure and software needed to support food recycling.

More than 10 years experience

Our team have more than 10 years of experience handling food waste collections throughout Hong Kong.

We have a vast portfolio of projects working alongside the government and the private sectors in delivering full turnkey recycling solutions.

Change behaviour for the better. Our solutions guide the generations of today to recycle for a better tomorrow, making the world a greener place.



How it works

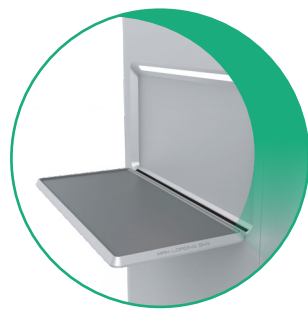
The SmartClassify food recycle bin will transform the way residents of Hong Kong look at how they handle their food waste. By specially crafted community events we will educate both the young and the old on how they can contribute to a cleaner Hong Kong. Through the SmartClassify smart technology and downloadable app, rewards can be earned.

The accumulated food waste will then be collected and sent to centres determined by the government to then be processed further and turned into gas.

- 1 Download and register the app. Add in your phone and Octopus card number.
- 2 With the same registered Octopus card, tap the bin to begin.
- 3 The machine will detect your card, the date and time as well as the weight of the waste deposited.
- 4 The property management will keep track of the number of users and the amount of food waste collected.
- 5 Points collected are calculated in the app (i.e 1kg of waste, earn 1 point). SmartClassify points can be combined with RenatureChest (Reverse Vending Machine) points. Helping to collect points faster.
- 6 Points collected can then be exchanged for gifts.
- 7 The final recycle centers are determined by the government.



SLEEK DESIGN



ERGONOMIC
SHELF



LED LIGHT FOR DARK
ENVIRONMENTS



INTUITIVE
CONTROLS

SmartClassify features

Water proof unit, suitable for outdoors.

120L capacity.

Ergonomic shelf to place carrier.

LED light for dark environments.

Computer software and computer-controlled hardware for user identification.

Computer-controlled locking system with access key.

Smart sensors to measure weight and levels for alert signal, etc.

Disinfection device/odour abatement system.

Data storage to record the collected amount from individual users

Real-time communication to transmit quantity information, control information

Alert signals to users or the management office.



Discover the benefits

We empower and give consumers a reason to recycle with rewarding incentives.

Our extensive Research and Development team innovates consistently so commercial operators and consumers can experience the benefits of a streamlined approach to recycling.

Encourage Sustainable Behaviour.

Our solutions guide the generations of today to recycle for a better tomorrow, making the world a greener place.

Change behaviour for the better.



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Get In Touch

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