

MANAGING WASTE IN COMMUNITIES



Ver: Aug 16

vRecycle has been Managing waste in communities since 2009. With over 40+ communities signed up with us, we invite you to consider our systems and services. Here's some reasons why you should consider us:

- We treat waste in an environmentally friendly manner. We do not burn or dump your waste anywhere.
- We divert all your waste picked by us from going to landfill or dumpsites.
- We have Goa Government permission & consents to operate waste collection & treatment.
- We customize our solutions to your needs. We assist in making right choices.
- Our bins and infrastructure are aesthetically pleasing and can be placed anywhere.
- We employ well trained staff, with standby staff in case of unexpected absence.
- Our flexible plans and reduced transport costs allow us to be fairly priced.

How It Works! – Paperwork & Planning

- Text or email us and request a quote. When doing so mention the following info when doing so:
 - The number of homes occupied in your community
 - The total number of homes (even unoccupied)
 - The desired frequency of collection (daily, alternate day, weekly)
 - Existing Waste Management Infrastructure (bins, compost unit, etc.)
 - Your budget for one-time costs as well as monthly costs
 - Suggested sites within the community for waste treatment
- We will then send you an updated costing sheet along with our suggested quote with options to choose from. We might choose to visit the site in some situations.
- Once decided by you and your community representatives, you write out a cheque to us and give us a work order for us to begin infrastructure.
- Installation of Infrastructure takes between 1-4 weeks. Once complete, we will notify you, and leave you with a service contract to sign.
- An awareness meeting for all residents will be organized before we begin services. At this meeting, info and collection timings will be discussed. At the end, handouts will be given, and home bins may be purchased.
- After receiving the service contract, we begin our collections on the 1st or 15th of the next month. Service invoices are expected to be paid before the service is completed.

How It Works! – Collection & Pre-treatment

- All homes must separate their waste in two separately marked bins.
- Food waste wrapped in plastic bags is not permitted. Mixed waste will be left behind.



When complete, both Trolley bins are pulled by staff to the treatment point onsite

Dry Waste bin is hand sorted and deposited into bins in the 8-bin recycling station

Food waste trolley is tipped into the active chamber of the composting unit for further treatment.



- In cases of absence, a replacement staff will be sent when complaint is reported to us.
- Treatment of both wastes happen within your community at a designated point.
- The Recycling Station is emptied at regular intervals for further hand separation at our treatment plant.
- Flies, smell and aesthetics are not an issue in a well-designed system.

How It Works! – Food Waste Treatment

- Food waste is converted into compost within a composting unit built within the community.
- Compost units have two or more chambers for food waste only.
- Compost has no smell and can be used in the gardens.

Unseen contaminants such as bottle caps, straws & plastic bits are removed by hand from food waste.

About 15-20kg of food waste is layered into the top of the active compost chamber.

Bacteria is sprayed over the fresh waste. Smell & fly control liquids are also sprayed over the waste.

Finally, sawdust is sprinkled over as a cover. This is repeated every day for a month.

A month later, when the chamber is full, more sawdust is put on the top and the next chamber is made active.

After 45 days, the older waste is turned over, and air holes are made. This reduces the odor and moisture.

After repeated turnings, in 60-90 days, the waste starts to dry and develop a white fungus. Compost is ready for removal.

