



Creating Kumta Zero Waste Zone

TASK

To change people's mind set so that they **give waste away** instead of **throw waste away**.

Convert waste into resource, or energy, by efficient technology, generating revenue.

Ensure that no waste goes to landfill, this colossal environmental threat.

Until now

any material thrown away, because of no value,
was called “Waste”

waste exploded as a consequence of industrial
progress and “development”

**But ...
the management of solid waste
is the most neglected area of
development**

**Thus, solid waste is crucially affecting living
beings and impacting the planet for an
unpredictable time ...**

... on unpredictable ways.

**It is just not enough to
"sweep waste out of sight"**

**... to make some
areas seem illusorily clean!**

we need a systemic approach involving

- **reduction**
- **collection**
- **safe treatment**
- **recycling**
- **safe disposal**

This has been, up to now, beyond the scope of our local bodies.

Creating Zero Waste Kumta

Phase 1 – Determine the infrastructure and disposal methods required

- mapping and quantifying waste streams
- providing bins, storage shed, collection vehicles, trained task force
- fix disposal methods for each category of waste.

Phase 2 - Awareness

Train stakeholders awareness for full community's participation

- Information and Training sessions.
- Effective communication to bring behavioural change
- Display posters, flyers, banners, movies
- Ensure participation & support from **all** waste generators waste and **all** stakeholders.

Phase 3 - Implementation

Synchronization of the full loop (from the source of waste streams to handling, storage, recycle & disposal) initiating their correct

- collection
- transportation
- storage
- sort up
- recycle
- disposal

segregation of waste at source

- **Eco-bins** for different types of recyclable waste at various locations (paper/plastic/glass/metal/etc.)
- Compostable waste of bulk generators (biogas or composting units)

(to be addressed - e-waste, sanitary waste)

Phase 4 – Auditing

Random monitoring surveys to check for deficiencies and problem solving

- frequent waste audits
- periodic enforcement exercise
- addressing problems (if any)

Good practices

- restrict the use of disposables
- discontinue bottled water
- use recycled paper
- declare Kumta "Plastic Free Zone"
- reduce food waste by all means