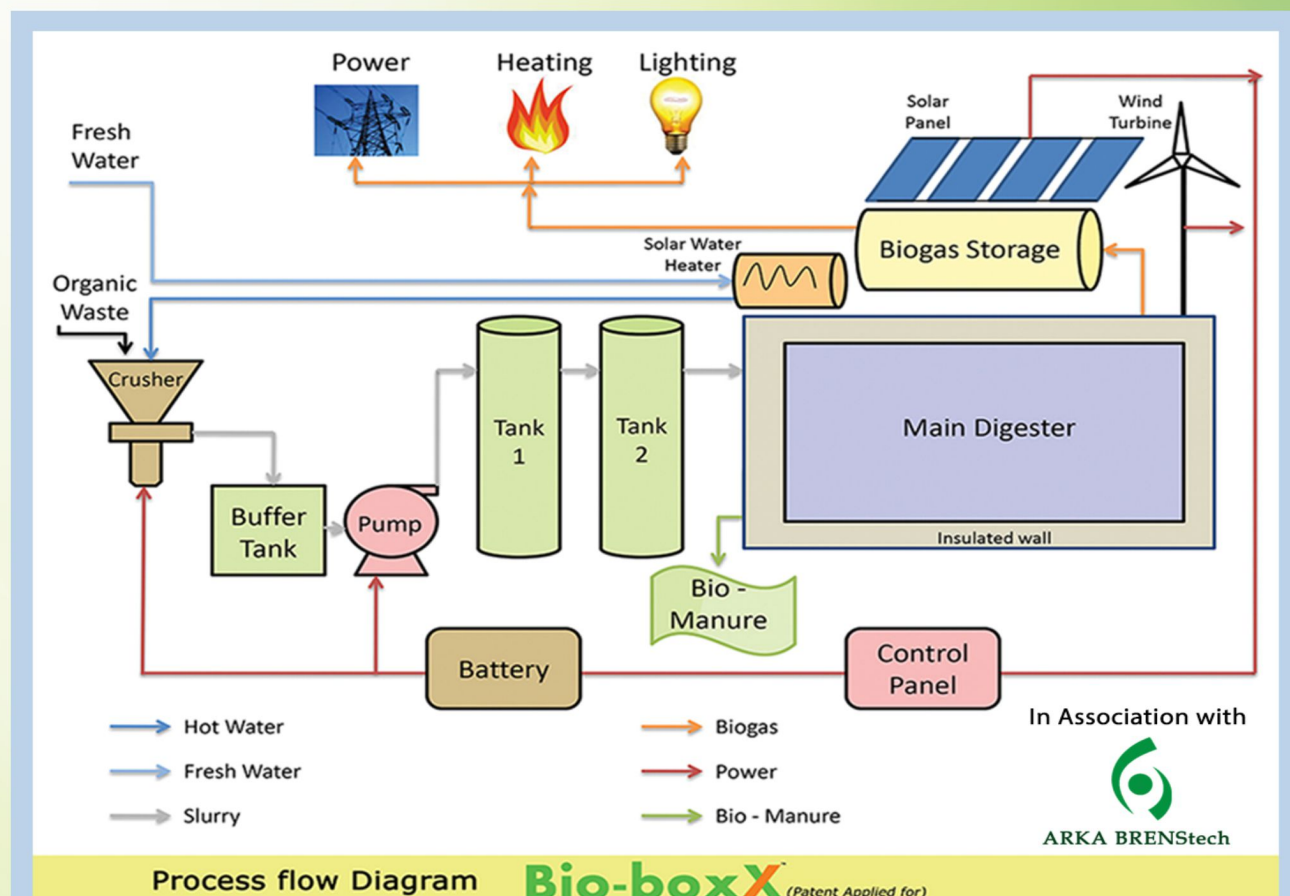


## DECENTRALIZED SOLID WASTE MANAGEMENT SOLUTIONS

# Bio-boxX<sup>TM</sup>

A Containerized Kitchen/Organic Waste Processing System



The BioboxX is a de-centralised organic waste treatment plant. It is a containerized, plug and play model. The waste is manually segregated into biodegradable and non biodegradable fractions. The biodegradable fraction is fed into the bioboxX alongwith some water. The bioboxX, has a sufficient retention capacity to digest the degradable matter into biogas and the residual liquid - soil enricher. The biogas is used for cooking or can be used for power generation, and the liquid slurry-can be either used for horticulture or filtered and dried as organic manure-liquid or dry manure is nearly odour free.

**This is truly a scientific and environment - friendly “energy positive” way of disposal of organic waste and harnessing of renewable energy therefrom.**



## Brief Project Profile



**Type:** Waste to Biogas - Cooking  
**Capacity:** 500 kg Bio Methanation Plant  
**Location:** Laxmi Bai Nagar Delhi  
**Client Name:** NDMC Delhi  
**Commissioned:** June 2017



**Type:** Waste to Power  
**Capacity:** 1000 kg Biogas plant  
**Location:** Kishanganj Railway Station  
**Client Name:** IROAF , Delhi  
**Commissioned:** May,2016



**Type:** Waste to Biogas - Cooking  
**Capacity:** 1000 kg Biogas Plant  
**Location:** Shastri Park  
**Client Name:** DMRC , Delhi  
**Commissioned:** Oct,2016



**Type:** Cow dung to Power  
**Capacity:** 1000 kg Biogas Plant  
**Location:** Lucknow U.P.  
**Client Name:** Sushma Sehgal  
**Kamdhenu Scheme**  
**Commissioned:** Sep,2016



**Type:** Cow dung to Power  
**Capacity:** 1000 kg Biogas Plant  
**Location:** Lucknow U.P.  
**Client Name:** Saurabh Yadav  
**Kamdhenu Scheme**  
**Commissioned:** Sep,2016



**Type:** Waste to Biogas - Cooking  
**Capacity:** 500 kg Biogas Plant  
**Location:** Jaipur Railway Station  
**Client Name:** North Western Railways  
**Commissioned:** March 2016

**Type:** Waste to Biogas - Cooking  
**Capacity:** 1000 kg Biogas Plant  
**Location:** Nehru Place  
**Client Name:** Eros Hotel  
**Commissioned:** April 2018



**Type:** Cow dung to Biogas - Cooking  
**Capacity:** 500 kg Biogas Plant  
**Location:** Bangladesh  
**Client Name:** ACS Textiles  
**Commissioned:** Sep,2016



**Type:** Waste to Power  
**Capacity:** 3TPD Bio- Methanisation  
**Location:** Tumkur (Karnataka)  
**Client Name:** Tumkuru Mahanagar Palika  
**Commissioned:** Oct, 2017



**Type:** Waste to Biogas - Cooking  
**Capacity:** 500 kg Biogas Plant  
**Location:** Chennai  
**Client Name:** Integral Coach Factory  
**Commissioned:** June 2017



**Type:** Waste to Biogas - Cooking  
**Capacity:** 500 kg Biogas Plant  
**Location:** Western Railway Mumbai Central  
**Client Name:** BCT (Mumbai Central  
**Commissioned:** Under Commissioning



**Type:** Waste to Power  
**Capacity:** 2000 kg Biogas Plant  
**Location:** Pilani  
**Client Name:** BITS Pilani Campus  
**Commissioned:** Under Commissioning



### UNDER WORK IN PROCESS

- South Central Railways, Secunderabad
- Shimla Municipal Corporation, Shimla
- Chambal Fertilisers and Chemicals Limited, Kota
- DRA - NBCC East Kidwai Nagar, New Delhi