Current Status on Food Waste Treatment in China

Bioland Group
Problem:
1. Lacking sound food waste safety treatment & recycling system;
2. Treatment and recycling facilities are under non-full load operation;
3. Lacking practical technology and engineering for complete safety treatment and recycling;
Founded in 2004, Bioland has grown to one of the leading waste management and treatment engineering companies in China.

Providing one-stop solution for waste treatment projects, including design, engineering, equipment manufacturing, installation and plant operation.
WHAT WE DO

- Equipment
  - Electronic waste
  - Construction and debris waste
- Inorganic waste
- Organic waste
- Household waste
- Wastewater
- Sludge
OUR ACHIEVEMENT

With 60 projects, we serve 30,000,000 people in 17 provinces and manage 2 world-class research centers where we developed 100 patents.
PROJECT NAME
Food Waste Treatment Project, Nanning

COMPANY
Bioland, Beijing, China

DESCRIPTION
200 t/d food waste,
22 t/d waste oil
Automatic control
The Biomass Feeding System is designed to efficiently handle various types of biomass waste, ensuring minimal environmental impact. Key components include:

- **Feeding System**
- **Biomass Feeding System**
- **Pre-treatment System**
- **Spiral Conveying System**
- **Oil Utilizing System**
- **Oil-Water Separating System**
- **Waste Water Treatment System**
- **Biogas Purifying**
- **Anaerobic Fermentation System**
- **Residue Dewatering System**
- **Waste Water Treatment System**
- **Qualified Discharge**

Key processes include:

- Feeding and Conveying System
- Biomass Sorting System
- Spiral Dewatering System
- Biogas Purifying
- Anaerobic Fermentation System
- Residue Dewatering System
- Waste Water Treatment System
- Qualified Discharge

For more information or inquiries, contact:

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What we have done

- Biogas produced via anaerobic digestion;
- CNG by biogas upgrading system;
- Fertilizer made from biogas residue;
- Qualified clean water discharging;
- Odor controlled;

Answer:

1. Cooperation with local authorities to enhance the collection up to 220 t/d
2. Food waste core equipment biomass separator and anaerobic fermentation tank ensure efficient organic waste sorting and recycling.
3. Food waste automatic control system and efficient management system.
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Learn more about Bioland

Waste Expo 2016

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THANKS