台以環能股份有限公司
TXI Eco Inc.

GREENING YOUR LIFE

Agricultural Waste Recycling Solution

Innovative Technologies for Waste Recycling

About TXI Eco Inc.

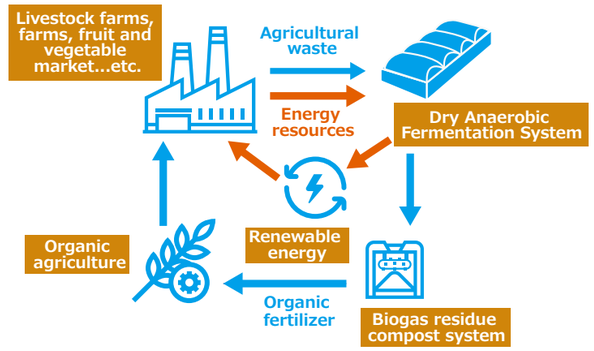
TXI Eco Inc. is established with the goal of creating a perfect agricultural circular economy. It simultaneously resolves the two major challenges of waste treatment and energy storage through energy and resource utilization of agricultural waste. TXI Eco introduces relevant agricultural and waste treatment technologies from Israel, Europe and the United States through Taiwan Israel Investment Cooperation Center (TXI Center). The firm then combines and creates various solutions and technologies relevant to the agricultural circular economy. Furthermore, TXI Eco is able to establish Taiwan's competitiveness in the long term by combining and exporting Taiwan R&D capabilities from the industry, government and academic sector to the international agricultural circular economy market.

Product Introduction

TXI Eco provides multiple solutions for agricultural circular economy. Dry Anaerobic Fermentation Technology, transferred from Industrial Technology Research Institute (ITRI), is applied to process agricultural waste, fruit and vegetable residue, poultry manure...etc. Organic waste can produce biogas through dry anaerobic fermentation, after desulfurized to generate electricity for thermoelectric application.

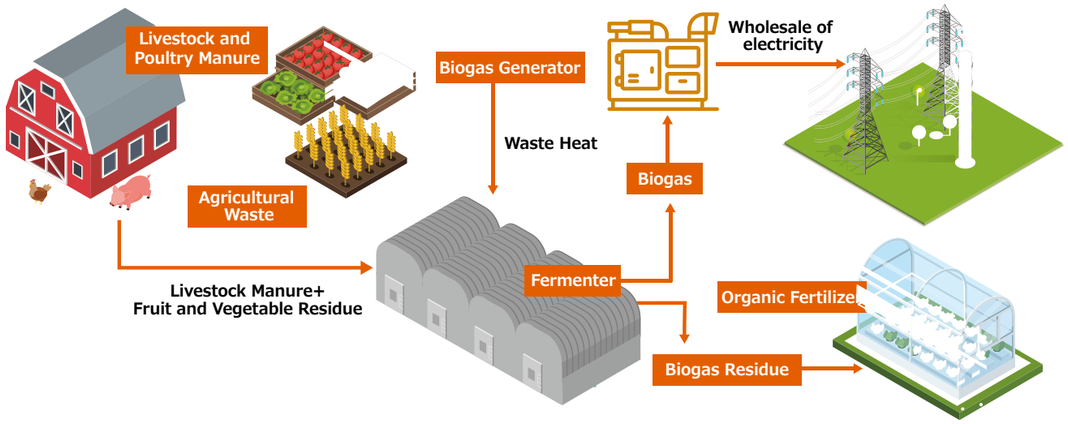
Dry Anaerobic Fermentation System

Agricultural Waste Recycling and Reuse Flow



Product Application

Anaerobic Fermentation and Electric Power Generation and Application of Compost



Circular Recycling

Agricultural waste is recycled and transformed into gold.

Power Production

Biogas energy is produced through Dry Anaerobic Fermentation System.

Compostable

Biogas residue composted into organic fertilizer, achieving zero waste.

Low Wastewater

Dry Anaerobic Fermentation System requires little wastewater treatment.

Odorless

Fermentation process is clean and odorless due to strict control and design.

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