

A large pile of waste, including plastic, paper, and other debris, is shown under a cloudy sky. The image is used as a background for the text.

We turn **WASTE** into **ENERGY** with a patented &  
**CLEAN CONVERSION TECHNOLOGY**

Frontline  
**WASTE**



# JF System: A Path Towards Cleaner Air and Zero Landfill



We turn waste into biofuels with the **JF SYSTEM**, a US-patented pyrolysis technology with a state-of-the-art drying system. Pyrolysis is a mature technology that alters the feedstock’s molecular structure in the absence of oxygen with no polluting emissions into the air.

A hybrid **GENERATOR**, especially designed for low-grade fuels, turns the biofuels into electricity.



**Mobile**



**No emissions**

**Self-fueling** with own heat

<b>Different sizes</b>	<b>20-60 mt/d</b>
<b>Highest efficiency</b>	<b>20-72 MWhe/d</b>
<b>Excellent payback</b>	<b>2-5 yrs*</b>

**Saves on operations,  
transport costs to landfill &  
tipping fees.  
Sells electricity**

\*Payback period depends on multiple factors, including financial conditions, electricity selling price & waste quality

# Turning Waste into Clean Energy



**Reduces  
GHG emissions**



**Decreases  
environmental  
pollution**



**Increases  
energy security**



**Improves  
health conditions**



**Promotes  
social justice**

**Frontline  
WASTE**