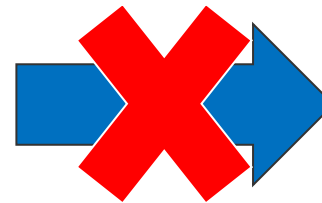
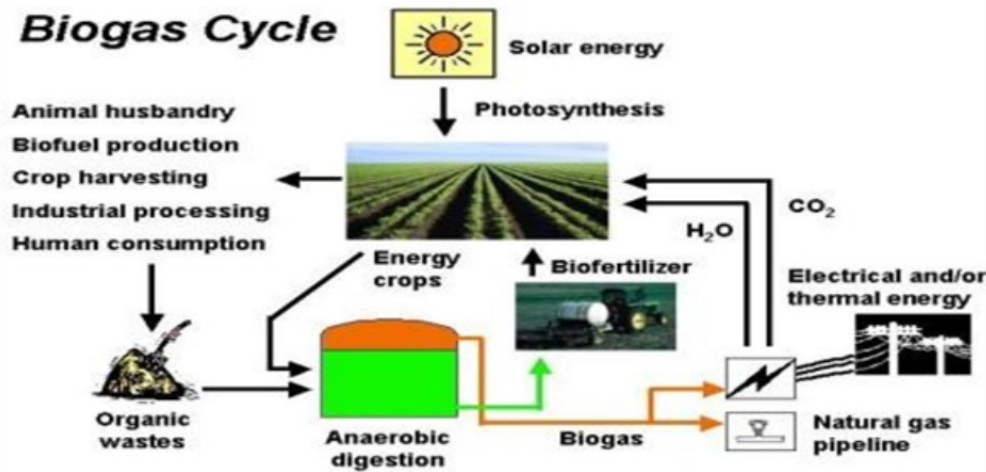


Biogas Production & Treatment

How to Convert Garbage and Waste into Sustainable Energy



Biogas Cycle



BIO-FUELS



CLEAN ENERGY

Biogas Production & Treatment

How to Convert Garbage and Waste into Sustainable Energy

Typical Resources



- **OFMSW (*Organic Fraction Of Municipal Solid Wastes*)**
Are abundant type of biowaste (with a yearly production of about 140 Mt in the EU) that comes from households, restaurants, small businesses, yards and garden wastes, etc.



- **Sewage Waters**
Domestic, Urban & Industrial

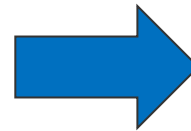


- **Intensive Livestock Breeding**

Biogas Production & Treatment

Process and Composition:

BIOGAS



60%

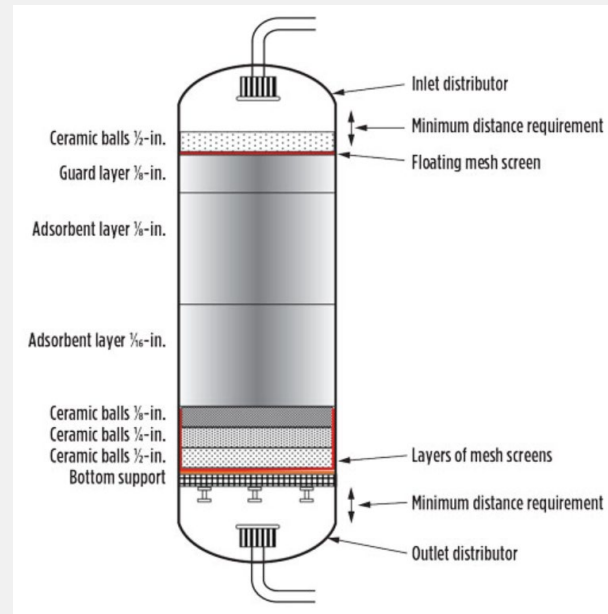
40%

**BIOGAS PRODUCTION PLANT
BioDigester and Conditioning Facilities**

Biogas Production & Treatment

Adsorption Fundamentals: Concepts

Adsorbent Vessel

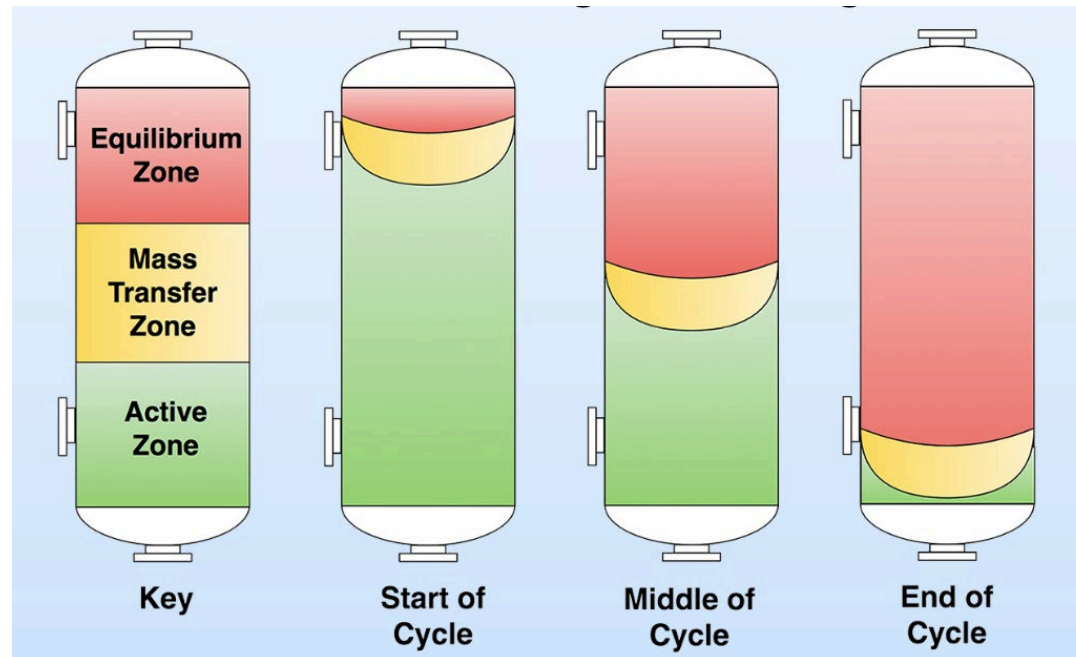


Biogas Production & Treatment

Adsorption Fundamentals: Concepts

Definition of:

- Equilibrium Zone
- Mass Transfer Zone
- Active Zone





QUESTIONS?

CONTACT US:



Hengye Inc.

**11999 Katy Freeway, Suite 588
Houston, Texas 77079**

Phone: (832) 288-4288

Toll Free: (844) 308-3271

Fax: (832) 288-4230

Web: <https://hengyeinc.com/>

Email: info@hengyeinc.com