We are Manufacturing & Engineering!





01

About YHR



About YHR

YHR was established in 2005, a Chinese national high-tech enterprise.

Leading company on recycling of Agriculture organic waste.

Biggest Biogas equipment manufacturer in China.

Among the top 3 Biogas EPC contractors in China.

First and biggest GFS tank manufacturer.

We are expanding overseas market now,

Our equipment has been delivered to more than 10 countries.



7000 +

400 +

500+

20+

GFS Tanks installed globally

Equipment supplied in Biogas industry

Sewage treatment reactors supplied

EPC more than 1 MW biogas plants in China

www.yhri.cn

Professional Team



YHR owns a high qualified professional team.
The leader of the company graduate from

EMBA of Renmin University of China, who has a wealth of industry experience and advanced business philosophy.

YHR has currently more than 170 employees, with 3 EMBA, 2 PhD, 22 Master and more than 50 high qualified engineers.

Service



Equipment manufacturing

GFS tanks, Sewage Reactor, Biogas Digester, Membrane Biogas Holder.

Biogas EPC

YHR offers service from Consulting, Design, Installation Guidance, Commissioning, After-Sale Service, etc.

Investment

Investment in agricultural organic waste centralized treatment, including biogas power generation, organic fertilizer production.

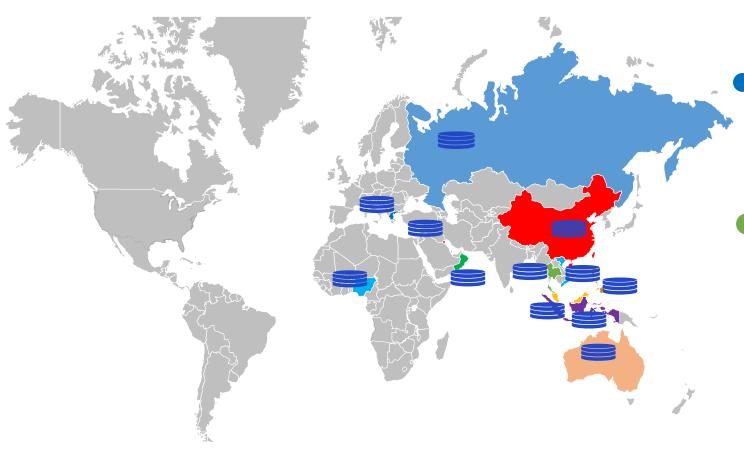
Operation Management

Biogas Engineering cooperative operation, fully managed operation, leasing operation, etc.

YHR safeguard the project benefits by our expertise.



Global market distribution



Currently YHR's references have distributed in Russia, Southeast Asia, Australia, Middle East, Greece, etc. countries and regions. This is all contributed by our local partners together.

World is big and small. The global market is very big but we can make it small by our close cooperation.

Are you looking for a reliable partner? We would like to that one.

www.yhri.cn



02

Equipment Manufacturer





Modularized design and manufacture/Factory quality control/Fast Installation









GFS Tank Production Line- Upgrading now!





- One production line with capacity of over 100,000 enameled steel plates annually.
- ◆ A brand-new production line is on the construction.
- ◆ We are built the biggest base in Asia







We are more than a manufacturer.

Biggest effluent reactor supplier, serve for 300+ effluent project.

Include:

UASB/IC/EGSB/UBF/SBR /contact oxidation

/ Sedimentation Tank.

YHR has proven himself in different conditions for global customers.



▲ Russia









▲ Kuwait



▲ Philippines



Worldwide Project References













Project Reference - Industrial & Municipal Wastewater























Project Reference - Drinking Water Storage











Modularized Reactor - UASB









Three phase separator - Modularized design & installation



Modularized Reactor – IC / EGSB









Three phases separator



03

Biogas plant AD solution







First large-scale biogas plant for bio-methane from corn silage only without manure

Scale: 5MW

Substrate: pure corn straw

Various livestock slurry co-digestion biogas plant



Pure pig slurry biogas plant

Core technology: Anaerobic Biological Doubling Process

A patent process specially designed for low concertation

> substrate: pig slurry (TS=2%)

> Capacity: 2MW



Chicken manure biogas plant

> Substrate: chicken manure and a small amount of wheat straw

> Capacity: 2MW

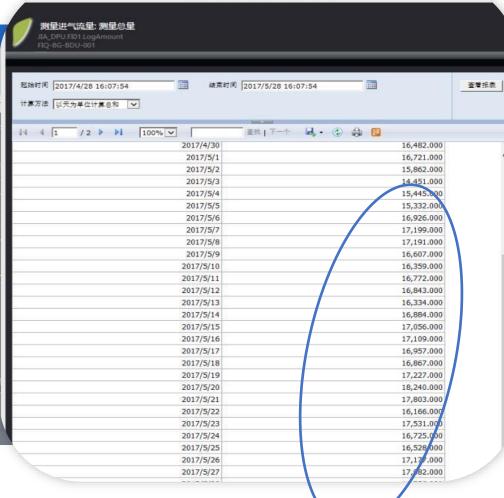
> Haian city . Jiangsu Province





Cow Manure Biogas Project





DataLoggerHour.PopUpReport

Jialihe, Shandong

Substrate: cow manure, 1.5MW TS%4-5%, High gas yield rate ≥ 1.5m³/m³.d with short HRT, down to 12.5d SRT/MRT≥25d; Gas yield≥ 550Nm³/t VS



Different patented process design for different biogas usage:

Acid type biological desulfurization
Alkali type biological desulfurization
Chemical desulfurization

Cases:

Gas flow:1700m³/h,

H2S:7000-8000ppm, Alkali

BDS

H2S Reduction up to 99.5%.





Chicken manure + wheat straw 2.2MW 4000m3 Ground gas holder

Corn Straw + Cow manure 3.3MW 5000m3 Ground gas holder





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