

Global Dry Anaerobic Digester Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G56235A32F71EN.html>

Date: January 2026

Pages: 147

Price: US\$ 4,480.00 (Single User License)

ID: G56235A32F71EN

Abstracts

The global Dry Anaerobic Digester market size is expected to reach \$ 1156 million by 2032, rising at a market growth of 5.7% CAGR during the forecast period (2026-2032).

A Dry Anaerobic Digester is an integrated biogas production system designed to biologically break down high-solids organic feedstocks (often “solid-state” digestion, typically above roughly 20% total solids) in the absence of oxygen to produce biogas (mainly methane and CO₂) and a stabilized digestate. Compared with “wet” AD, dry systems handle stackable materials such as source-separated organics, food waste mixed with yard waste, municipal organic fractions, and agricultural residues with less dilution water. A typical system includes feedstock receiving and pre-treatment (sorting, size reduction, contamination removal), a dry digestion reactor train (commonly batch garage/tunnel leach-bed or continuous plug-flow), process liquid/percolate management with recirculation to distribute microbes and moisture, biogas collection and cleaning (e.g., H₂S removal, drying) for CHP or upgrading to biomethane, digestate dewatering/curing for compost or soil products, and plant-wide controls, heating, and safety systems to maintain stable temperature, loading, and gas quality.

Upstream for a Dry Anaerobic Digester starts with project development and engineering—feedstock characterization, process design (batch garage/tunnel leach-bed or continuous plug-flow), permitting, and selection of major equipment—followed by sourcing fabricated steel vessels/boxes, liners and insulation, solid handling (hoppers, conveyors, feeders), liquid/percolate pumps and piping, heating and heat exchangers, gas collection piping, blowers and safety devices, instrumentation and controls, and biogas treatment packages (H₂S removal, drying, upgrading or CHP); the system is then assembled, integrated, and factory/site tested before commissioning. Downstream, operators receive and pre-treat organic waste (sorting, contaminant removal, shredding

and blending), load and run the reactors while managing percolate recirculation and temperature, capture and condition biogas for use in CHP or upgrading to biomethane for grid/vehicle fuel, and handle digestate via dewatering and curing/composting for land application or disposal, with ongoing O&M needs including consumables (media/chemicals), spare parts, monitoring, compliance reporting, and performance optimization based on feedstock variability.

This report studies the global Dry Anaerobic Digester demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Dry Anaerobic Digester, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Dry Anaerobic Digester that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Dry Anaerobic Digester total market, 2021-2032, (USD Million)

Global Dry Anaerobic Digester total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Dry Anaerobic Digester total market, key domestic companies, and share, (USD Million)

Global Dry Anaerobic Digester revenue by player, revenue and market share 2021-2026, (USD Million)

Global Dry Anaerobic Digester total market by Type, CAGR, 2021-2032, (USD Million)

Global Dry Anaerobic Digester total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Dry Anaerobic Digester market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BIOFerm Energy Systems, Bekon, Kanadevia Inova, Zero Waste Energy, HoSt Bioenergy Systems, Veolia, Anaergia, DRANCO, Urbaser, STRABAG

Umwelttechnik, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Dry Anaerobic Digester market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Dry Anaerobic Digester Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Dry Anaerobic Digester Market, Segmentation by Type:

Continuous Process

Batch Process

Global Dry Anaerobic Digester Market, Segmentation by Staging:

Single-stage Dry AD

Two-stage (hybrid) Dry AD

Global Dry Anaerobic Digester Market, Segmentation by Application:

Agricultural Waste

Kitchen Waste

Others

Companies Profiled:

BIOFerm Energy Systems

Bekon

Kanadevia Inova

Zero Waste Energy

HoSt Bioenergy Systems

Veolia

Anaergia

DRANCO

Urbaser

STRABAG Umwelttechnik

Bellmer

Convertus

Zorg Biogas

Chongqing Changzheng Heavy Industry

Purac Environmental System

Shanghai JACN Energy & Environment Technology

Key Questions Answered

1. How big is the global Dry Anaerobic Digester market?
2. What is the demand of the global Dry Anaerobic Digester market?
3. What is the year over year growth of the global Dry Anaerobic Digester market?
4. What is the total value of the global Dry Anaerobic Digester market?
5. Who are the Major Players in the global Dry Anaerobic Digester market?
6. What are the growth factors driving the market demand?

I would like to order

Product name: Global Dry Anaerobic Digester Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G56235A32F71EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G56235A32F71EN.html>