



Unlocking the
true potential of
**IMPACT
PROJECTS
WORLDWIDE**

Smart solutions for sustainable development



About HomeBiogas

HomeBiogas specializes in creating innovative, easy-to-use biogas systems. Our systems allow individuals to turn their organic waste into clean energy, on-site and organic bio-fertilizer for their crops.

We are your trusted partner

Our ability to quickly deploy and provide complete services for organizations seeking project is unrivaled. Whether the need is for domestic use or a larger solution for a community or industry, we have the expertise to deliver exceptional results.

What needs are we addressing?



CLEAN COOKING

With HomeBiogas, households can switch from fossil fuels like propane, coal, wood, or natural gas to a renewable and environmentally friendly alternative. This not only helps to reduce deforestation by eliminating the need for wood as a cooking fuel, but it also eliminates indoor air pollution which causes over 3.8 million premature deaths every year.



FOOD SECURITY

HomeBiogas helps farmers and households create their own organic bio-fertilizers, reducing the use of fossil fuels and chemical fertilizers while improving soil health and fertility. HomeBiogas promotes sustainable agriculture practices that prioritize the long-term health and productivity of the land, thus improving food security.



SANITATION

The HomeBiogas Bio-Toilet does not require a connection to a sewage system or water grid, making it an ideal solution for areas with limited access to traditional sanitation infrastructure. In such areas, the Bio-Toilet helps to reduce the risk of disease transmission and improve overall health and quality of life.



ENVIRONMENT

By creating clean cooking gas, HomeBiogas reduces reliance on fossil fuels for cooking, lowering CO2 emissions. In addition, our systems reduce organic waste in landfills, minimizing methane emissions, a potent greenhouse gas.

When these 4 areas are addressed in our projects, we see great improvement in infrastructure, rural development, improvement in public health and the empowerment of women.



UNITED NATIONS
Zimbabwe, Malawi, and Rwanda

UNHCR and HomeBiogas install waste-to-energy systems in African Refugee camps



HomeBiogas' Innovative waste-to-energy systems have been installed in refugee camps in Malawi and Zimbabwe, generating clean cooking gas and liquid bio-fertilizer to grow more crops.

The HomeBiogas systems replace the need for expensive and polluting cooking fuels such as coal and wood and provide the refugees with a safe, clean, and healthy cooking environment improving their overall livelihood.



THE ISRAEL-PACIFIC FOOD SECURITY ALLIANCE (IPFSA)
The Pacific Islands States

A partnership with the Israeli Government and HomeBiogas promoting sustainable agriculture, improving food security, and empowering people in 12 islands in the Pacific



HomeBiogas improves the livelihood of small farmers by turning their organic waste and animal manure into renewable energy, creating clean cooking gas and bio-fertilizer.

The project's goal is to promote the sustainable development of agriculture and food security under the framework of the Israel-Pacific Food Security Alliance (IPFSA).



ADANI FOUNDATION
Rural communities in India

A CSR project with Adani Foundation and HomeBiogas promoting sustainable development and advancing women's empowerment across rural India.



HomeBiogas, in partnership with the Adani Foundation, has implemented 125 systems in rural villages across the Indian state of Gujarat, where hundreds of families now have access to a source of healthy and clean energy.

These HomeBiogas systems not only allow for a shift to organic agriculture but also drastically improve the livelihood of these communities.



COMMUNITY
INFRASTRUCTURE
El Salvador

A partnership with the Salvadorian government and HomeBiogas to build infrastructure.



HomeBiogas partnered with Salvadoran Authority of Water (ASA), who are in charge of improving water resources and developing projects to stop contaminating aquifers.

26 HBG2 bio-toilets have been installed in rural homes, which are improving sanitation and preventing water contamination.



HomeBiogas®

Trusted by

Humanitarian projects and collaborations with the UN, governments, aid agencies, and humanitarian organizations, such as USAID, EU, International Red Cross (IRC), and World Wildlife Fund (WWF).



USAID



CLEAN COOKING ALLIANCE



HomeBiogas is an active partner in enabling a **ZERO WASTE** and Net Zero - GHG Emission world using its systems to convert organic waste into a resource.



Contributing to

13 of the UN Sustainable Development Goals



Awards:



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