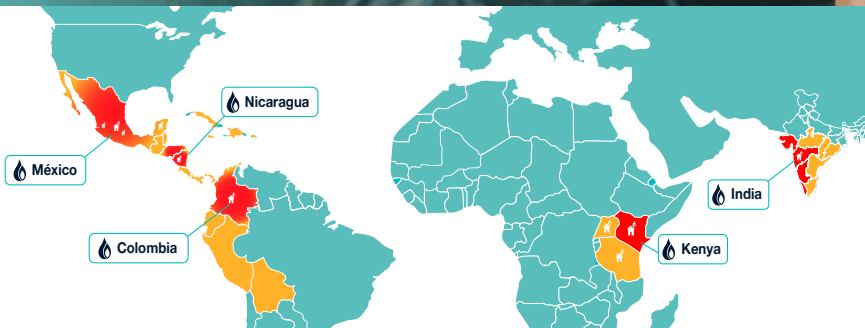


## CREATING VALUE FROM WASTE FOR RURAL INDIA

Our core activity is to promote technologies that convert waste to energy and fertilizer to address the problem of indoor air pollution associated with the traditional biomass based cooking and soil health deterioration associated with the use of chemical fertilizers. From the same perspective, we have developed and promoting decentralized bio-digester technology suited for both rural areas.



**Sistema.bio**® is an international social enterprise with more than 10 years of experience in renewable energy and with operations in Latin America & The Caribbean, East Africa and India. It dedicates itself to producing, distributing and installing biodigesters in small and medium-sized farms. The package includes a high quality biodigester, a financing program, capacity-building, and impact monitoring to ensure successful long-term adoption.

For the dairy farms in rural areas, it is important to maintain cleanliness and hygiene in the cattle yards for better cattle health and milk yields. Our Biodigester helps in not just keeping the farm clean but also derives a great value from the waste collected. Thus we add value to the dairy farms and rural households using the waste generated.

The installation of Sistema.bio generates important savings for rural families:

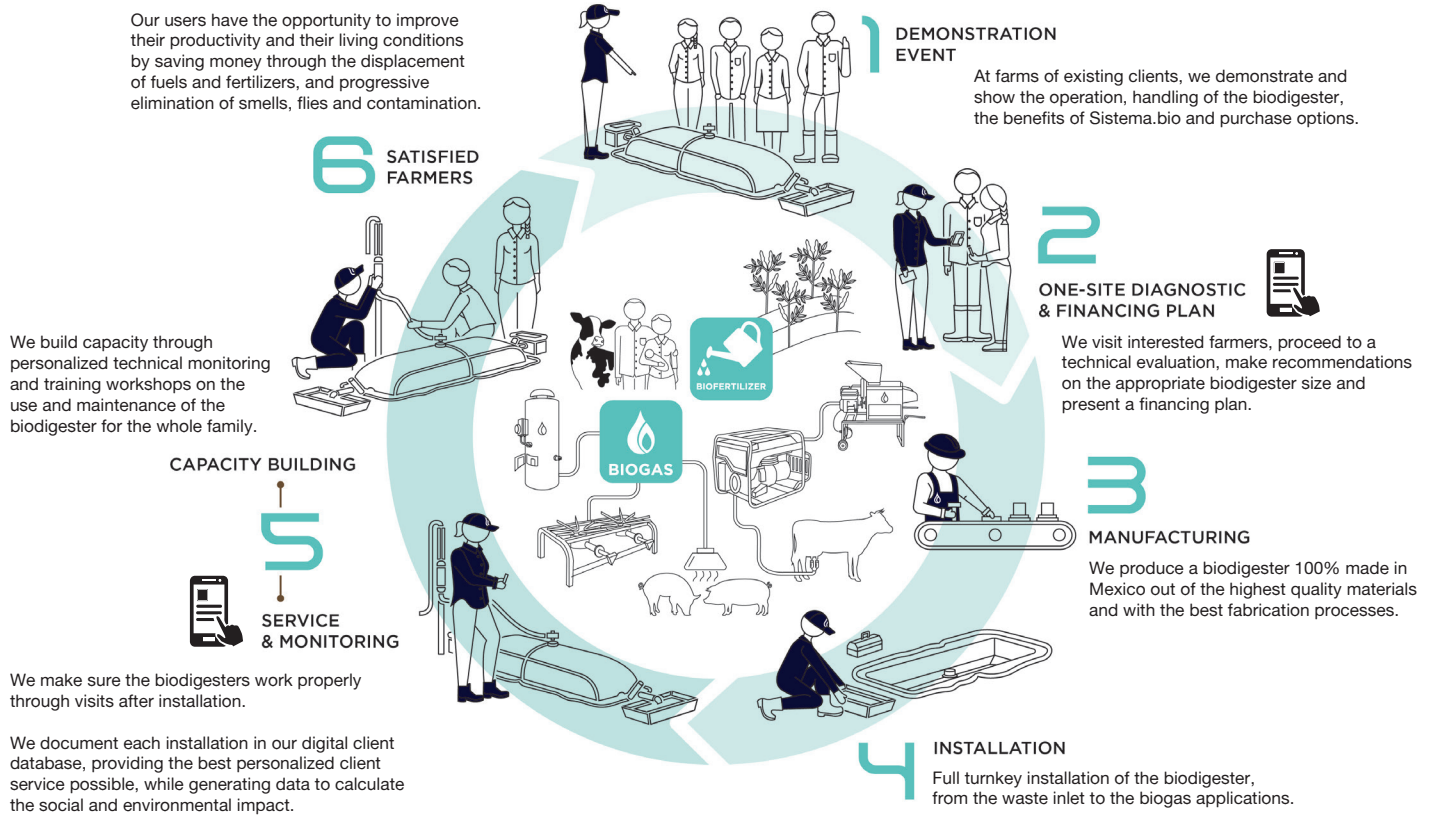
- Displaces LPG, Diesel, firewood and chemical fertilizers.
- Protects Families' health by reducing the risk of indoor smoke pollution.
- Provides environmental benefits by reducing greenhouse gases emissions, protecting water sources and forests.





# PROVEN END-TO-END

## Manufacturing | Installation | Financing | Tech service | Adoption methodology Data management platform | Impact measurement



The **Sistema.bio** program is based on our easily-to-install technology, combined with financing packages, training and monitoring. It provides a turnkey package which produces biogas and organic fertilizer (bio) at the local. This **Sistema.bio** technology generates a wide range of important benefits in the fight against climate change, health, savings, and productivity. These benefits are in turn aligned with national and international sustainability goals.

**Sistema.bio** is the revolution in high-quality biodigesters for small and medium farms, based on a prefabricated, proven, easy to use maintenance technology. We send wrapped packages from our manufacturing plant directly to the households, individual production units or community programs, where they will be installed. Their easy transportation and installation allows to focus on local training and capacity-building as well as long-term monitoring, maximizing the positive impact for the community and the environment.

Our mission is to create value from waste, by doing so we improve the economic, environmental sustainability and well-being of small and medium farmers through the maximization of sustainable energy and technology.

“ Sistema.bio helps us to reduce pollution by mismanagement of manure in small farms, it helps to generate gas consumed in families, and we also produce a bio fertilizer for food production. It becomes a virtuous circle! ”

Rural Development Coordinator; Mexico

