



**SISTEMA.bio®**  
CREATING VALUE FROM WASTE

**Brochure**

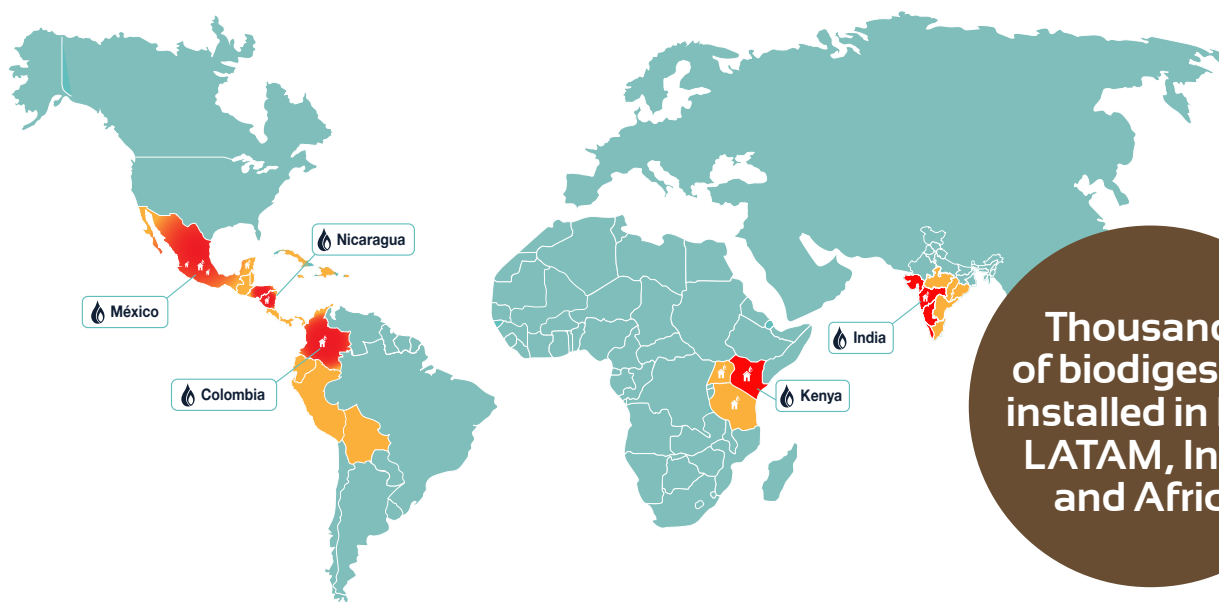


## Who we are

**Sistema.bio** is the worldwide leading company in the production and implementation of small and medium-scale biodigesters in LATAM, Africa, and India. Our innovative and patented digester serve a large variety of farms, climates, and socioeconomic contexts.

**Our vision** A sustainable, equitable, and empathetic world without waste.

**Our mission** Create value from waste.



## Aimed for



**Backyard farms**



**Community centers**



**Farms**

Small and medium from  
10 to 200 cows,  
or 20 to 2,000 pigs

## From challenges to impacts

### CHALLENGES

- Inappropriate waste management, contamination of rivers and lakes
- Global warming
- Negative health effects

- Use of chemical fertilizers
- Changes in crop cycles

- Increase in energy costs
- Deforestation and use of wood
- Indoor air pollution due to wood smoke

### SISTEMA.BIO SOLUTION

### IMPACTS

- Protection of water sources and basins
- Reduction of greenhouse gases
- Reduction of sanitary risks

- Increased productivity in harvest and soil remediation
- Savings through displacement of fossil fuels and chemical fertilizers

- Self-generation of renewable energy
- Protection of forests
- Wood displacement and reduction of respiratory diseases

## Our partners



## Education and deep adoption program



"We are collaborating with Sistema.bio, the enterprise with the best biogas technology; Indian farmers have never seen this kind of materials and installations. We would like to see all the rural houses in the country using this unique technology".

**Sujit Kumar**

Gujarat project  
Tata Trust-CINI



The 11th day after the installation I turned the stove on, I used a matchstick and it worked. I was so happy!!! We don't have to use firewood anymore, and my wife can cook quicker with biogas.

**Gujarat Program User**



Sistema.bio team is very hard-working and have helped us every time when a situation arises, we enjoy a very good rapport with them, and they have become a family now.

**Prahalad Shirsath**

**Maharashtra User**

## Financing program

Our financing program allows us to eliminate the first economic barrier to accessing the technology. We have developed two financing strategies:

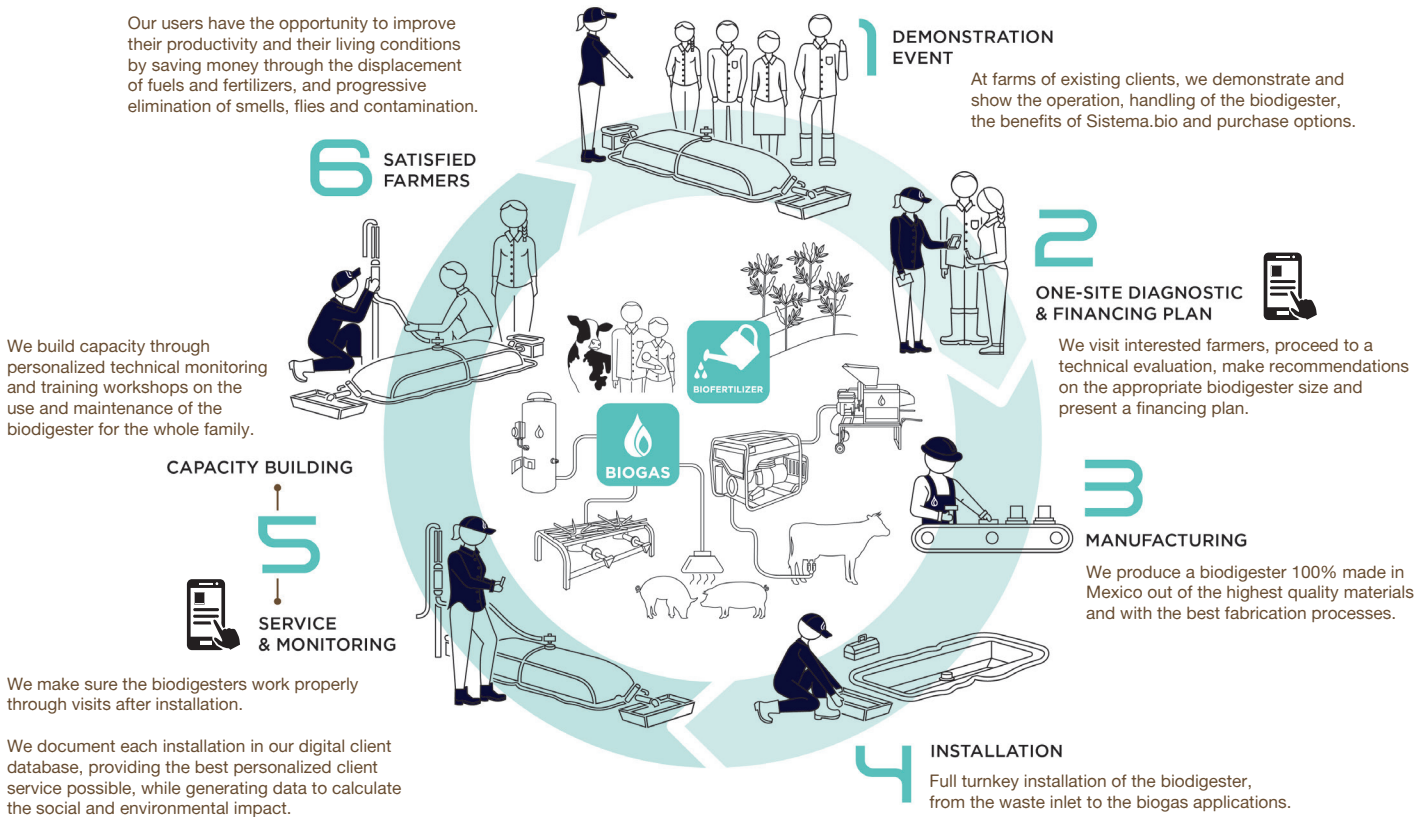
1. Complete management of program-based public and private funds.
2. Microcredit program through which we provide loans that are adapted to our clients' payment capacity despite being traditionally excluded from the financial sector.

Scan the code  
to know **more stories**:



## Implementation methodology

We implement regional programs from five to several thousands of biodigesters, propelling **regional development, capacity-building, creation of local employment** and **reinforcement of the communities**.



## Measurement of environmental and social impact

Our long-term follow-up and monitoring program allows us to:

1. Guarantee the adoption of the biodigester
2. Optimize the post-installation service
3. Track and measure the social and environmental impact

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