

A technology designed for small-scale farmers



Production of clean and sustainable energy



Sanitation, rural development and food security



Farmer empowerment through energy independence

Uses of biogas



Tata Trust Gujarat Program

In a technology trial in Gujarat with local organization CINI, Sistema.bio was able to show that installing high quality biogas equipment—together with proven installation, training and monitoring methodology—can have a positive impact on the economics, productivity and health of smallholder households.



57
Households equipped
with a digester



2900 L
Of waste treated daily



515
Members benefiting from
clean energy and biofertilizer



2.5 h
Of cooking daily provided
in each household



11 m³
Of biofertilizer produced daily



29 h
Per month saved on wood
collection per household



100%
Of current beneficiaries recommend
the system to their relatives



299
Tons of CO₂
displaced per year



123
Saved per year



35
Engineers, masons, and local workers
trained on installation and O&M

