

Clean cooking. Local waste treatment. New value for schools.



A practical school-energy opportunity aligned with Kenya's Government clean-energy and school-greening direction.

Why this matters nationally

The Ministry of Education's 2026 Solarization and Greening Programme includes kitchen-energy systems alongside lighting and electricity. It refers to 3,213 schools and provides a five-year bank financing framework. Kenya is advancing tree planting, climate action and cleaner energy while schools remain major users of firewood for cooking.

Solar can support electricity. LushBert biogas can support cooking energy and local food-waste treatment.

Your school owns the plant. LushBert manages it.

A LushBert biogas system turns school kitchen and food waste into clean Cooking Gas (Heating and Hot Water), fertilizer and possible additional income. LushBert supplies, installs, commissions, operates and monitors the plant - including robotic support for routine tasks, gas-bag filling, sales records and alerts. Your school does not need to become a plant operator, gas retailer or fertilizer-selling organisation.

Five ways the programme can create value

Local waste treatment

1

Kitchen and food waste is treated at school instead of remaining a continuing disposal problem. Any disposal-cost effect is verified by the school audit.

Lower fuel costs

2

Biogas can replace purchased firewood and/or LPG. Schools already using LPG may have a stronger economic case.

Fertilizer value

3

The process produces solid and liquid fertilizer that can be used by the school or sold where practical.

Gas sales in vacations

4

During weekends and school holidays, surplus biogas and fertilizer may be sold where permitted. On-site biogas storage may also be possible.

Possible carbon-credit income

5

Carbon credits may add further value. This remains indicative and depends on approved methodology, verification and market conditions.

One standard school solution

Three plant sizes are being assessed for different school cooking demand and organic-waste volumes. The school owns the asset; LushBert carries the operating responsibility.

Could your school participate?



Start with real school records - then assess the technical and financial opportunity together.

Bank financing and payback potential

A five-year bank financing framework is available for the programme. The school's repayment capacity can be supported by avoided firewood and/or LPG purchases, fertilizer value, surplus-gas sales during non-school days and possible carbon-credit income.

Depending on actual fuel prices, school size, waste volumes, gas output and local sales demand, a school may have the potential to repay the investment in less than five years. Every school must first be assessed using real records - not assumptions.

Your roadmap in 10 steps

- 1 Visit lushbert.com › School Biogas Programme
- 2 Read the Full Programme Presentation (PDF)
- 3 Complete, sign and email the Waste & Energy Audit
- 4 LushBert prepares your quote for the financing bank(s)
- 5 The bank decides and informs LushBert
- 6 LushBert informs you — then the decision is yours
- 7 If you say yes: LushBert visits your school
- 8 School and bank prepare the financing contract
- 9 LushBert orders the plant; installation is planned with you
- 10 LushBert operates and maintains it, incl. robot support

Full 3-Minute Roadmap (PDF): lushbert.com › **School Biogas Programme**. Filled = before your decision · outlined = only if you say yes.

What your school should have

Reliable records

Actual weekly, monthly or yearly spending on firewood, LPG or other cooking fuel.

Organic waste

Regular kitchen food waste - or access to nearby market waste where appropriate.

Site readiness

Suitable space, water, vehicle access and a secure location for the plant.

Principal support

Willingness to review feasibility and, if appropriate, a future bank financing process.

Interested in participating?

If your school is interested in the programme, download the two-page Waste & Energy Audit, complete it using actual school records, and send it to LushBert with your school name, county and principal contact details.

Download the Waste & Energy Audit

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LushBert LTD - Kenya's innovative biogas, BSF and renewable-energy company; a German-Kenya joint venture.

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