

# SECURING WATER FOR FOOD:

A GRAND CHALLENGE  
FOR DEVELOPMENT

## GREEN HEAT - SLURRY SEPARATION SYSTEM



>50% of biodigesters in East Africa are abandoned within 12 months due to burdensome water requirements



1 *Time-intensive*

**50-120 min/day**

2 *Scarce*

**80-150 gallons/day**

3 *Costly*

?

SST reduces water use by up to 80%, enabling farmers to produce high-quality fertilizer with no loss in gas production



1

***Easy-to-install, operate***

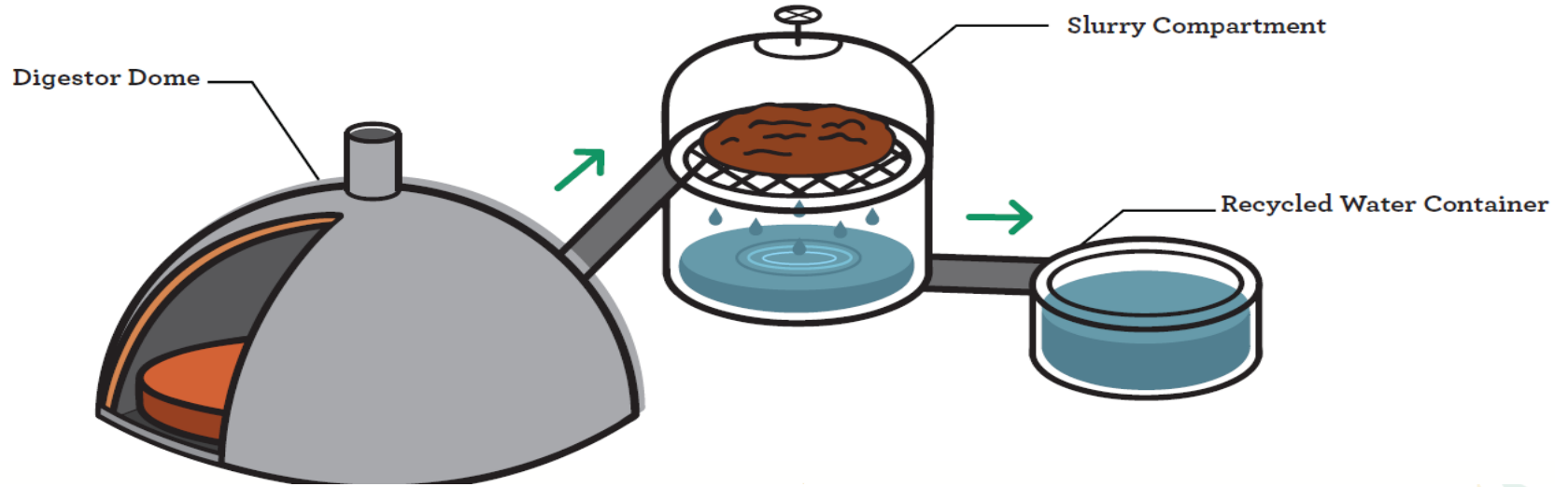
2

***Affordable***

3

***Improved fertilizer***

# Green Heat's Slurry Separation Technology allows water recycling and drying, extraction of slurry at low cost



# Green Heat reduces water and firewood usage while improving crop yield and income

1



Huge water savings (time and money) ~ 1.5 million litres

2



Better fertilizer = improved yield (60%), revenue from fertilizer sales

3



Clean, cheap source of fuel = 60-100% reduction firewood need

Market validation of the SST product is complete—Green Heat is now looking to accelerate sales to maximize impact

## Our Ask

- 1 ***Sales support***
- 2 ***Financing deployment***
- 3 ***Talent introduction***





**Green Heat**

# **Green Heat's Slurry Separation Technology**

*Enabling Affordable, Clean Energy for Sub-Saharan Africa*

## **Thank You**

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