

BETTER WAY SOCIAL BUSINESS



VERMI COMPOST ORGANIC FERTILIZER.

**A GUEST PROJECT OF YUNUS CENTRE
34TH SOCIAL BUSINESS DESIGN LAB**

BUSINESS OBJECTIVE

**Vermi compost organic fertilizer production
in large scale**

Mission

Address the problem of organic fertilizer crisis in the local market of District Kushtia

VISION

Solve organic fertilizer crisis problem throughout Bangladesh



BUSINESS IDEA:

Industrial Production of Vermi Compost Organic Fertilizer.



SOCIAL PROBLEM

1) Fertilizer Crisis in Bangladesh

2) Uses of Chemical Fertilizer

বারে বারে দাম বাড়ছে সারের,
মাথায় হাত কৃষকের

সারের বর্তমান দাম				
সার (১০ কেজি)	আমের দাম	বর্তমান দাম	বৃদ্ধি প্রতি ১০ কেজি'তে	বৃদ্ধি শতাংশ
ডি এ সি	১০০ টাকা	১২৫০ টাকা	১১৫০	১১.৫০
১০:২০:১০	৮০০ টাকা	১১৫০ টাকা	৩৫০	৪৩.৭৫
সিপিএ	৫৭০ টাকা	৮২৭ টাকা	২৫৭	৪৫.১৮
সিঙ্গেলসুপার ফসফেট	৫৩০ টাকা	৫৩০ টাকা	০	০.০০
ইউরিয়া	২৩৭ টাকা	২৩৭ টাকা	০	০.০০
১০ : ১০ : ০ : ১০	৭২০ টাকা	১০৬০ টাকা	৩৪০	৪৬.২৮
ইসকো ১০:২০:১০	৮০০ টাকা	১১৫০ টাকা	৩৫০	৪৩.৭৫

SOLUTION:

Use Vermi compost Fertilizer

Why:

- Organic Fertilizer (Environment friendly)
- Higher Yield (Growth and Food Production)
- Applicable for Barren Land
- Balanced Diet for Land and Fish



ENTREPRENEUR



Shiper Bishwas

Continuing Education in CMA

The Institute of Cost and Management Accountants of Bangladesh (ICMAB)



A S M Ibrahim

PhD Researcher in Energy Economics Institute of Energy

M.Sc. in Renewable Energy Technology

First Class First (Y 2012)

University of Dhaka

BSc. Electrical and Electronics Engineering

First Class (Y 2008)

Bangladesh University of Engineering and Technology

INVESTMENT SIZE: BDT 6.9 MILLION

Existing Project Cost:

Item	Cost in BDT (in Million)
Land and Infrastructure	3.4
Raw Material	2.1
Project Development	1.3
Miscellaneous	0.1
Total	6.9 Million



SIMILAR BUSINESS:



- **Type: Small**
- Production: 10 kg/Day
- Own Use



- **Type: Medium**
- Production: 100 kg/Day
- Local Market Supply

EXISTING PRODUCTION

Currently Producing 700-800 kg / day though having large production capacity of 1000 kg/ day

We could not achieve our target production due to shortage of raw materials (cow dung)

Cost Breakdown: per kg vermi compost production

Item	Cost in BDT Per Kg
Raw Material	08
Labor and Salary	05
Production cost	13

Selling price per kg vermi compost production

20 BDT

FINANCIAL PERFORMANCE

Financial Forecast of 5 Years

DEC 2014	2015	2016	2017	2018
Yearly Profit	Yearly Profit	Yearly Profit	Yearly Profit	Yearly Profit
5.00 Lac	20.8 Lac	20.8 Lac	24 Lac	24 Lac

Break Even Point Sales

(Taka) : 1st Year

Payback Period:

with in 5 Years

Target Customer:

Minimum 1000 Farmers of
Kushtia



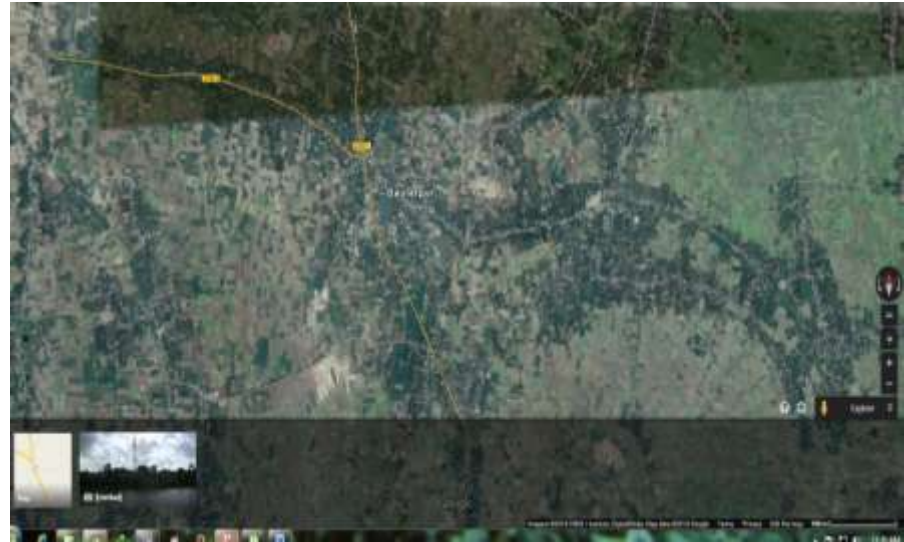
PROJECT LOCATION:

District: Kushtia

Thana: Doulatpur

Village: Mohishkundi

Country: Bangladesh



Legal Information:

It is already a registered company under the Companies Act, 1994. Now it will be converted into Social Business.

Corporate Location:

House: 511, Road: 09, Baridhara DOHS, Dhaka, Contact: 01710746002

SOCIAL IMPACT:

- i) Reduce Use of Chemical Fertilizer
- ii) Crops Productivity Growth
- iii) Promote alternate organic fertilizer
- iv) More money in the hands of farmers
- v) Existing 10 peopled and future more employment opportunities
- vi) Build awareness of the farmers through media and mass communication

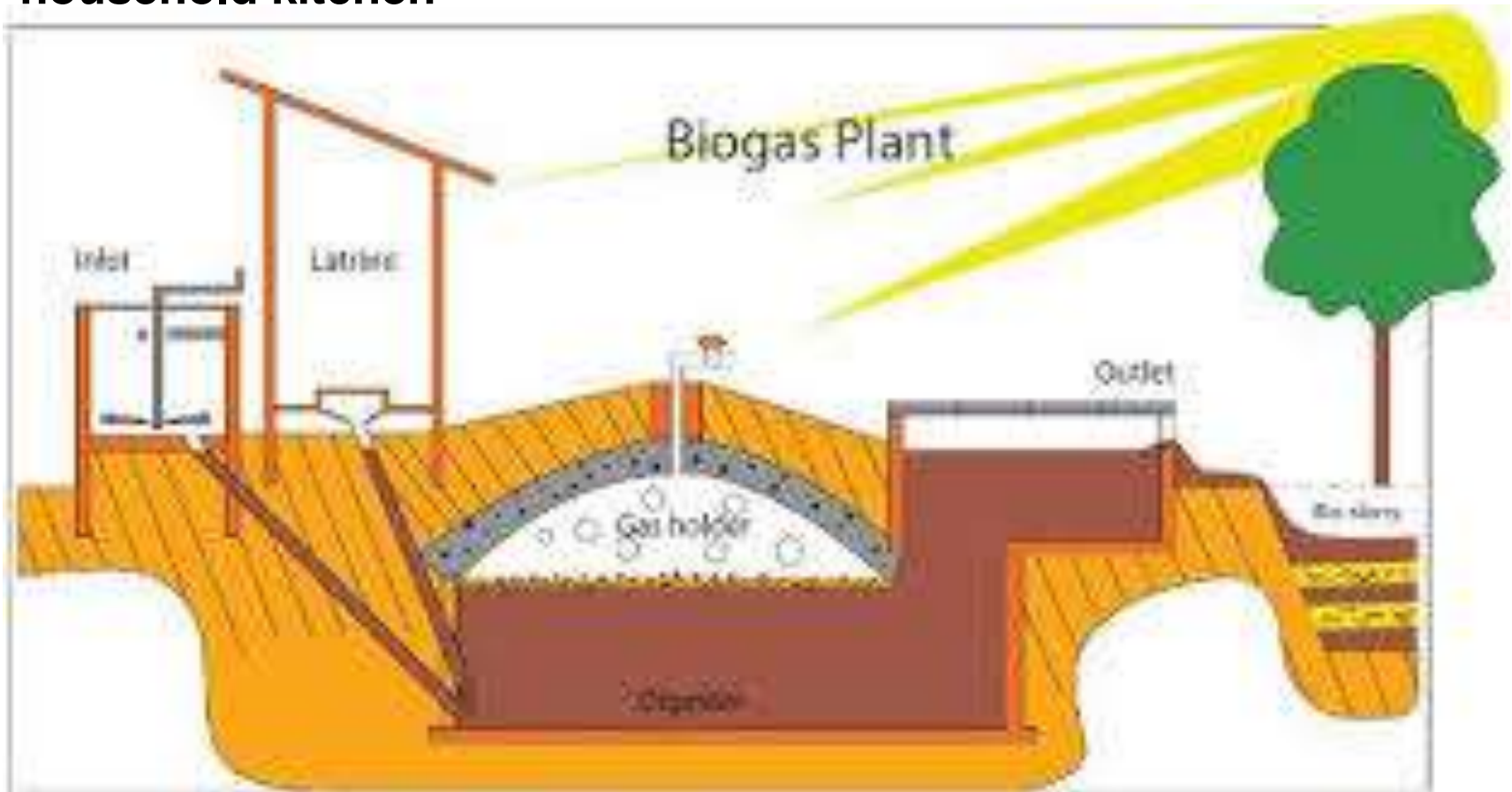


EXISTING PLANT :



FURTHER INTITAVE:

Construction of Biogas plant to provide methane gas in the household kitchen



REQUIRED CAPITAL: 7.5 MILLION

In Total

Infrastructure Development +

Buying Cows 2 million

= $13+42+20=75$ Lac BDT





