



GOBARDHAN

Roll-out plan in Madhya Pradesh

12 July. 2019, New Delhi



गोबरधन परियोजना अन्तर्गत निर्मित
जैविक गैस ईकाई
क्षमता \Rightarrow 25 घन मीटर
लागत \Rightarrow 7.94 लाख रु.
क्रियान्वयन एजेंसी \Rightarrow ग्राम पंचायत पीपल्या कुल्सी गौशाला
प्रतिदिन उत्पादित गैस मात्रा \Rightarrow 11 किलो ग्राम
तकनीकी सलाहकार एजेंसी \Rightarrow अजी बायो सिस्टम प्राईवेट
लामार्थियों की संख्या \Rightarrow 07 लिमिटेड पुणे

State Swachh Bharat Mission(G)

Madhya Pradesh

Vision & Objective

Vision

- To create Competent & Skilled Workforce to Implement GOBARDHAN in MP
- To ensure at least 01 skilled persons in each village of MP for GOBARDHAN

Objective

- By March 2020, ensure 100 GOBARDHAN trained persons in each of districts in M.P.
- By March 2020, ensure all 51080 villages in 51 Districts have at least one Trained GOBARDHAN person
- To capacitate State ODF+ Cell as a leading Knowledge Hub on GOBARDHAN
- To Ensure 2-3 Project in each district

What is GOBAR-DHAN

- ‘Galvanizing Organic Bio-Agro Resources - Dhan’ (GOBAR-DHAN)
- Scheme under SLWM of SBM (G)
- Expected output/outcome:-
 - To ensure cleanliness in villages
 - Generate wealth and energy by converting cattle dung and solid agricultural waste into compost and biogas
 - To support biodegradable waste recovery and conversion of waste into resources
 - Provide economic and resource benefits to farmers and households
 - To engage with people in safe and efficient management of solid waste, especially bio-agro waste in villages

Scheme Summary

- Selected Districts - 21
- Implementing Agencies - 40
- DPR Prepared - 17
- DPR Approved - 15
- Technical Support agency - 06
- Work under progress - 12
- Completed project - 03

Current Status

S. No.	District	Complete DPR	Sanction DPR
01	Bhopal	02	02
02	Sehore	02	01
03	Vidisha	02	02
04	Gwalior	01	01
05	Narshingpur	01	01
06	Ujjain	01	01
07	Neemuch	02	01
08	Shajapur	02	02
09	Rajgarh	04	04
Total =		17	15

Way forward

- 100 DPR in 2019-2020
- Rate determination of slurry for marketing
- Development of monitoring mechanism
- Self Sustainable model of GOBAR-DHAN

Strategy

- Focus on Bulk Waste Generators/ Entrepreneurs (model C)
- Focus on Gram Panchayat (model A)



Process

Implementation Process		
Activity	Responsibility	Status
Constituting STAC at State	State SBM(G) Mission Director	Done
Issue of EoIs to empanel technical agencies and technologies	State/STAC	Done
Issue of EoI for selection of Entity /Implementations Agencies	State shall invite applications for selection of entities /District can collect project proposal	Done
Orientation/ Training District Level Officers	State SBM(G)	Done
District & GP Level Training	District, SBM(G) & Technical Agencies	Continue Process

Process

Implementation Process		
Activity	Responsibility	Status
Receiving applications from interested implementing agencies	DWSC, headed by DM to sanction of projects implementation and monitoring	Continue Process
Technical Assessment & final approval of Proposal	DWSC	Continue Process
Kick start of project	DWSC facilitates process with entity, GP and selected technical agency	Started 15 Project
Monitoring	State SBM(G) and District Level	Continue Process

Success Story - Project - Rajgarh

Model –C- Bulk Waste Generator

Budget – 7.94 Lakh

Motivation Factor

- Organic Vegetable – Life is larger than money
- No disease
- Incentive
- Economy of Biogas

Biogas Input	–	Land, Feeding material, Water, Man Power
Land required	–	1500 sqft approximate
Feeding Material	–	425 Cow's dung
Water	–	Tube well
Man Power	–	One Man

Project - Rajgarh

Time Taken for completion	–	3 Months
Beneficiaries	–	Boys hostel, (30 Seater) 7 households
Technical Agency	–	Urja Bio System Pvt. Ltd.
Construction Agency	–	Goshala - Trained Person Provided by technical agency
Type of Plant	–	Floating Dome, 25 cbm
Slurry Management plan	–	Self use, local farmer, Nursery
IEC/Capacity Building	–	Orientation , Training, Exposure visit

District – Rajgarh Pipaliya Kulmi



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Project - Ujjain

Project- Chintaman Jawasiya

- Project Location- Ujjain District.
- Size of Biogas plant- 45 cubic meter.
- Total on side in Biomass -1500 Kg
- Gas production -45 cubic meter /day.
- Technical and IEC guidance –
Centre of Energy Studies and Research (DAVV), Indore

District – Ujjain





Brief Description of Project

Project- Chiruli

- Size of Biogas plant- 35 cubic meter.
- 875 kg cow dung
- Gas production -35 cubic meter /day.
- Technical guidance – CESR



District – Gwalior

Chiruli



Brief Description of Project

Project- Kodsia

- 135 buffaloes are available with owner in dairy
- Sufficient availability of dung and water.
- Highest numbers of Gud Bhatti.
- Keen interest for such project.
- The Kareli Mandi 04 kilometres from village.
- The villagers had shown excellent community participation during ODF.



District – Narshingpur Kodsa



Challenges

- Fund Limitation
- Viability of project
- Lack of awareness
- Lack of technical knowledge
- Non availability of feed/ raw material
- Non availability of water
- Non availability of technical experts/agencies
- Co-ordination with agency
- Interests of agency
- Self Sustainable model



**Dr. Sudhir Jain, Dy com.
Madhya Pradesh
Mob. 9926494401**



Thanks