GOBARDHAN
Roll-out plan in Madhya Pradesh
12 July, 2019, New Delhi

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

<table>
<thead>
<tr>
<th>S. No.</th>
<th>District</th>
<th>Complete DPR</th>
<th>Sanction DPR</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Bhopal</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>02</td>
<td>Sehore</td>
<td>02</td>
<td>01</td>
</tr>
<tr>
<td>03</td>
<td>Vidisha</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>04</td>
<td>Gwalior</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>05</td>
<td>Narshingpur</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>06</td>
<td>Ujjain</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>07</td>
<td>Neemuch</td>
<td>02</td>
<td>01</td>
</tr>
<tr>
<td>08</td>
<td>Shajapur</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>09</td>
<td>Rajgarh</td>
<td>04</td>
<td>04</td>
</tr>
</tbody>
</table>

**Total =** 17 15
• 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

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

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Taken for completion</td>
<td>3 Months</td>
</tr>
<tr>
<td>Beneficiaries</td>
<td>Boys hostel, (30 Seater)</td>
</tr>
<tr>
<td></td>
<td>7 households</td>
</tr>
<tr>
<td>Technical Agency</td>
<td>Urja Bio System Pvt. Ltd.</td>
</tr>
<tr>
<td>Construction Agency</td>
<td>Goshala - Trained Person</td>
</tr>
<tr>
<td></td>
<td>Provided by technical agency</td>
</tr>
<tr>
<td>Type of Plant</td>
<td>Floating Dome, 25 cbm</td>
</tr>
<tr>
<td>Slurry Management plan</td>
<td>Self use, local farmer, Nursery</td>
</tr>
<tr>
<td>IEC/Capacity Building</td>
<td>Orientation , Training, Exposure visit</td>
</tr>
</tbody>
</table>
District – Rajgarh
Pipaliya Kulmi
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District – Rajgarh
Pipaliya Kulmi
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
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- Kodsa**

- 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
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Mob. 9926494401

Thanks