



A CSR Initiative of
MGM MINERALS LTD.



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IRDMS
Institute of Rural Development &
Management Studies

Sustaining Nutrition and Livelihoods through Backyard Nutrition Gardens



Implemented By
**Institute of Rural Development
and Management Studies (IRDMS)**
www.irdms.org

NOURISHING FAMILIES • EMPOWERING WOMEN • BUILDING SUSTAINABLE COMMUNITIES

HIGHLIGHTS OF THE MGM MINERALS CSR INITIATIVE



IMPROVED NUTRITION

Better availability of
fresh and nutritious
vegetables



SUSTAINABLE AGRICULTURE

Year-round backyard
cultivation and efficient
use of resources



WOMEN EMPOWERMENT

SHGs actively involved
and women leading
nutrition gardens



LIVELIHOOD ENHANCEMENT

Reduced expenditure
and opportunities for
surplus sales



COMMUNITY PARTICIPATION

Active involvement
of communities and
local institutions



CLIMATE-SMART AGRICULTURE

Promoting resilient and
climate-adaptive farming
practices



ORGANIC FARMING

Use of vermicompost
and bio-inputs for
healthy soil

BETTER NUTRITION • HEALTHY FAMILIES • SUSTAINABLE LIVELIHOODS • STRONGER COMMUNITIES



Abstract

Project Title	Sustaining Nutrition and Livelihoods through Backyard Nutrition Gardens for Poor Vulnerable Households in Periphery villages of MGM Mines of Koira Block in Sundargarh, Odisha
Overall Objective	Improve household nutrition, food security and livelihood resilience through sustainable backyard nutrition gardens.
CSR Partner	MGM Minerals Ltd.
Implementing Agency	Institute of Rural Development and Management Studies (IRDMS), Bhubaneswar, Odisha
Project Location	Six Peripheral Villages (Deoghar, Rangamatia, Ganua Mandajoda, Kenaveta, Dalita) of Ganua Mining Area, Koida Block, Sundargarh District, Odisha
Target Beneficiaries	300 Vulnerable Poor Households
Project Duration	January–June 2026 (6 Months)
Total Budget	₹49,64,960 .00





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Why This Project?

The baseline survey of **373 households (1,781 population)** identified major livelihood and nutrition gaps:

- 72% households belong to Scheduled Tribes.
- 317 households are Below Poverty Line.
- Agriculture is largely rainfed and seasonal.
- Poor dietary diversity with low vegetable and fruit consumption.
-

- Limited irrigation for homestead cultivation.
- 79 anaemic women.
- 51 underweight children.
- High dependence on market-purchased vegetables despite suitable homestead land.
- Strong SHG network available for community mobilization.



PROJECT STRATEGY

SUSTAINING NUTRITION AND LIVELIHOODS THROUGH BACKYARD NUTRITION GARDENS





CAPACITY BUILDING & COMMUNITY MOBILIZATION

Building Knowledge, Skills and Confidence for Sustainable Nutrition Gardens



CAPACITY BUILDING TRAININGS CONDUCTED

1 Hands-on training on seedbed preparation, composting, bio-input application, and pest management

10
TRAININGS

264
PARTICIPANTS

2 Promote indigenous and seasonal crop selection

10
TRAININGS

272
PARTICIPANTS

3 TOTs for SHG members and community leaders on nutrition and nutritional gardening

6
TRAININGS

154
PARTICIPANTS



Latitude: 21.929027
Longitude: 85.357315
Elevation: 574.04±12.7 m
Accuracy: 10.0 m
Time: 11-05-2026 11:06
Note: At :Kitchen garden Training Kenaveta

KEY OUTCOMES



Enhanced knowledge on sustainable and organic practices



Improved skills in kitchen garden establishment and management



Increased adoption of indigenous and seasonal vegetables



Greater awareness on nutrition and dietary diversity



Stronger role of SHGs and leaders in community development



Foundation for sustainable nutrition and additional livelihood

ACHIEVEMENTS AT A GLANCE



26
TRAININGS
CONDUCTED



690
PARTICIPANTS
TRAINED



85%+
WOMEN
PARTICIPATION



300
HOUSEHOLDS
BENEFITED



6
VILLAGES
COVERED

“ Knowledge empowers today,
sustainable gardens
secure tomorrow.”



Capacity Building





COMMUNITY NURSERY DEVELOPMENT

A Sustainable Community Asset



A fully functional **Community Nursery** established at **Rangamatia Village** to raise quality vegetable seedlings and promote sustainable backyard nutrition gardens across all project villages.

INFRASTRUCTURE DEVELOPED



Water Storage Tank



Vermicompost Tank



Nursery Bed Preparation



Irrigation Arrangement



Seedling Raising Facility

PROJECT SIGNIFICANCE



Developed under the close supervision of IRDMS technical staff, the nursery serves as a common resource centre for continuous production of quality planting materials, reducing dependence on external seedling suppliers and strengthening long-term sustainability.



Water Storage Tank



Vermicompost Tank



Nursery Beds



Seedling Raising

LONG-TERM BENEFITS

- ✓ Continuous availability of vegetable seedlings
- ✓ Local employment opportunities
- ✓ Support to future nutrition gardens
- ✓ Demonstration centre for farmers and SHGs
- ✓ Sustainable community-managed asset



*Growing Together
for a Better Tomorrow*



Quality Seedlings Today, Healthy Families Tomorrow

Nursery and Kitchen Gardening



Kitchen Gardening





Major Project Interventions

Backyard Nutrition Gardens

Capacity Building

Community Nursery Development

Organic Nutrient Management





BEFORE THE PROJECT	AFTER SIX MONTHS
✗ Purchased vegetables from market	✓ Household vegetable production established
✗ Limited availability of fresh vegetables	✓ Year-round cultivation of diverse seasonal vegetables
✗ Poor household nutrition	✓ Improved dietary diversity and family nutrition
✗ Seasonal and rain-dependent production	✓ Continuous vegetable production through planned kitchen gardens
✗ Limited awareness on nutrition and organic farming	✓ Improved knowledge on nutrition, organic cultivation and garden management
✗ High expenditure on vegetables	✓ Reduced household expenditure with home-grown vegetables



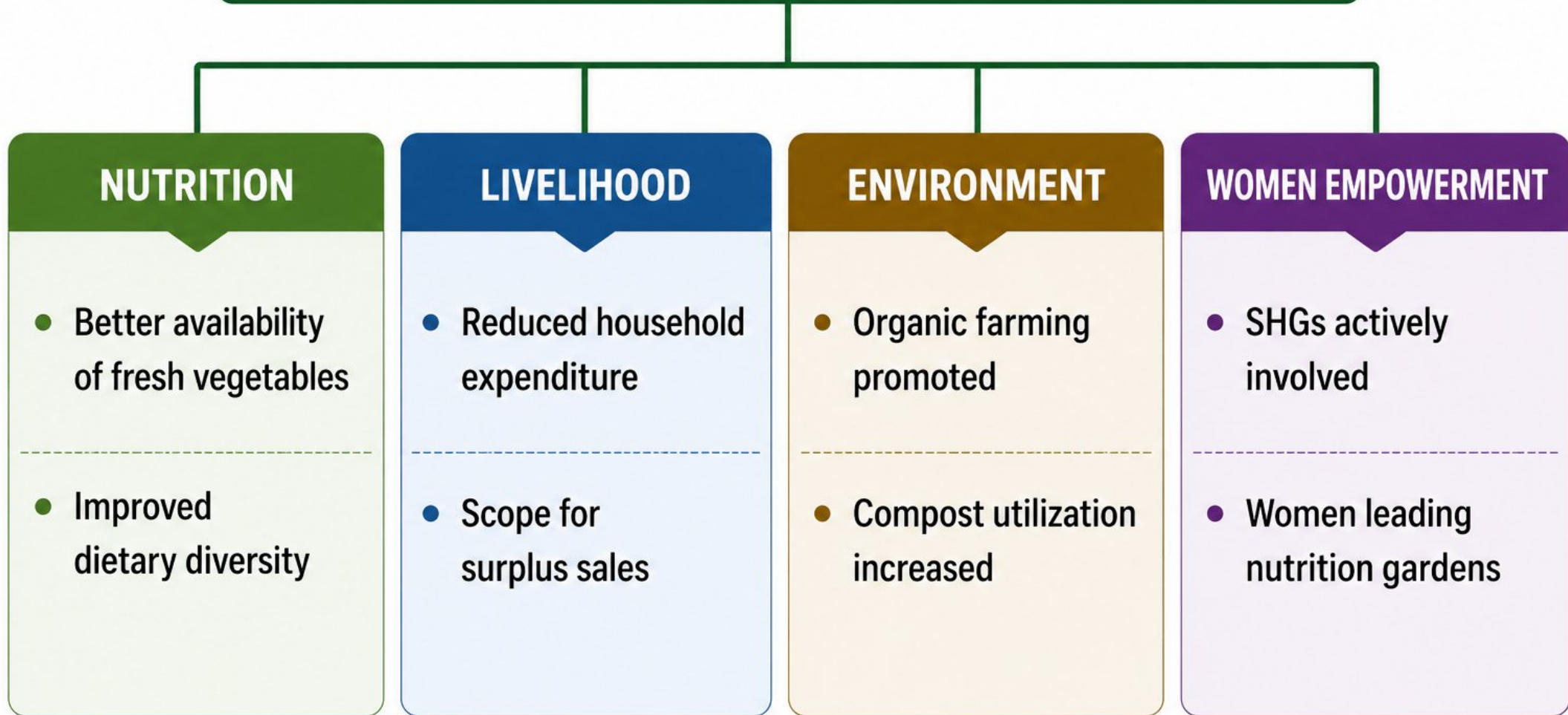
Major Changes

Village	Total Households	Beneficiaries Supported	Beneficiaries Cultivated Kitchen Gardens effectively	Beneficiaries Earning Income from Surplus Produce	Beneficiaries Improved Dietary Diversity
Rangamatia	58	52	50	28	50
Ganua	145	122	97	64	87
Kenaveta	44	38	25	12	25
Deoghar	61	45	37	11	32
Dalita	16	12	10	5	10
Mandajoda	44	31	23	5	18
Total	368	300	242	125	222



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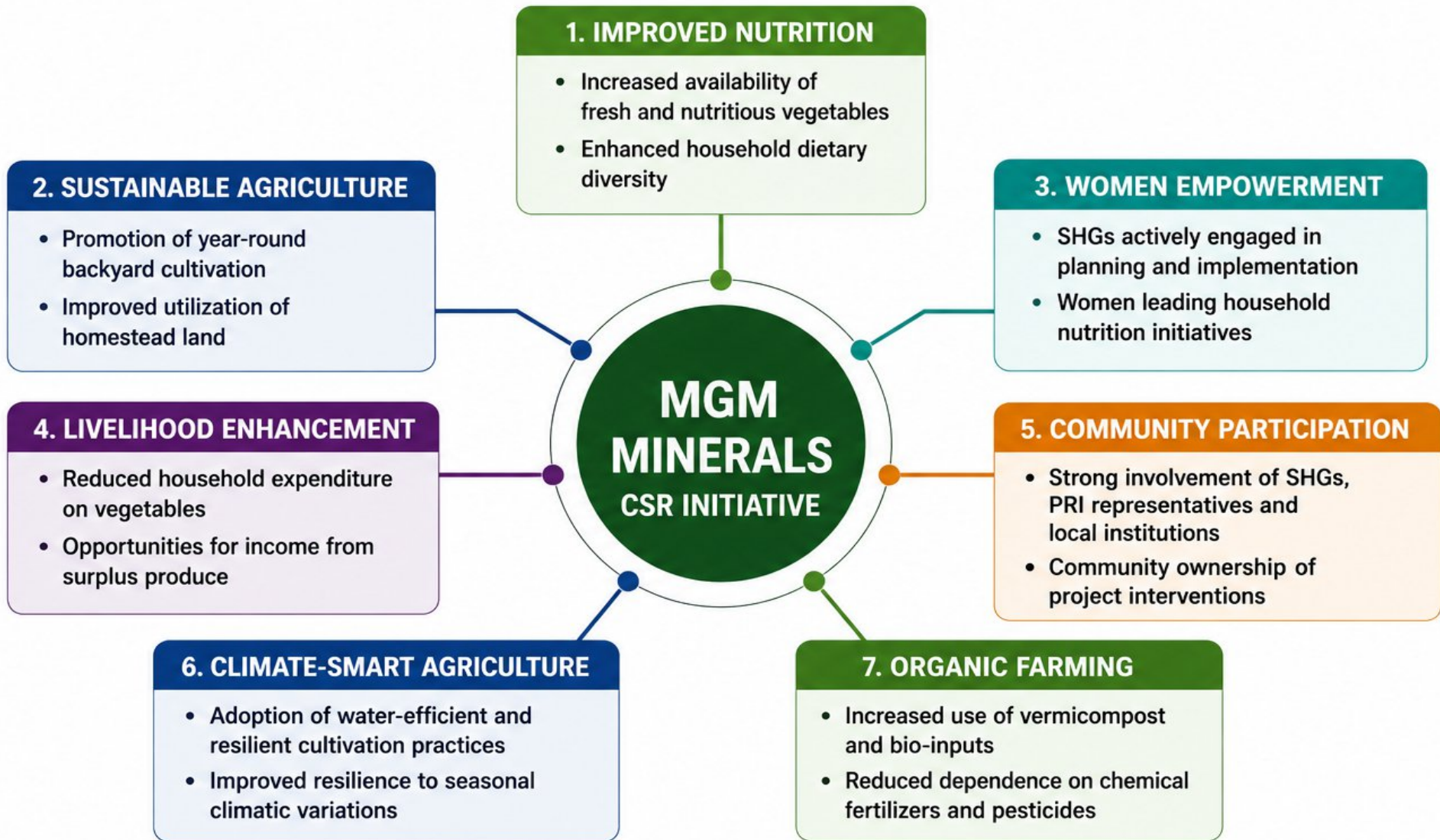
IMPACT ON BENEFICIARY FAMILIES



Stronger Families • Sustainable Livelihoods • Healthier Communities

CSR IMPACT

The MGM Minerals CSR initiative has contributed towards:



Building Healthy Families

Empowering Women

Strengthening Sustainable Rural Livelihoods



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SUSTAINABILITY PLAN

Ensuring Long-Term Impact Beyond Project Completion

Sustained by Community • Strengthened by Institutions • Secured for the Future



COMMUNITY OWNERSHIP • CONTINUOUS SUPPORT • SUSTAINABLE IMPACT



Better Nutrition
for Families



Healthy Soil
Healthy Future



Empowered
Communities



Sustainable
Livelihoods



Greener
Environment



Thank You

"Healthy Families • Sustainable Livelihoods • Prosperous Communities"

