

METSHO GEWOG NINTH PLAN (2002-2007)



**LHUMENTSE DZONGKHAG
ROYAL GOVERNMENT OF BHUTAN**

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1 Current Situation

Metsho gewog, with 244 households, has an area of about 216.6 square kilometer. The Gewog shares its border with Menbi and Jaray Gewogs in the north and south respectively.

The existing three suspension bridges connect the gewog to different villages and other Gewog and means of communication is through mule tracks only.

The Gewog has two community schools with total student of 117 and it has good educational coverage. However, due to distance, it is difficult to have 100% coverage. One Basic Health Unit (BHU) and three Out Reach Clinics (ORC) render basic health services in the gewog. The major health problem in the Gewog are acute respiratory infection (ARI), followed by conjunctivitis, skin diseases, nutritional and diarrhea/dysentery. About 55% of the population of the Gewog has access to piped drinking water supply and sanitation.

The Gewog has one agriculture and one livestock extension centre which provide RNR extension services in the gewog. The main crops cultivated are maize, wheat and limited quantity of rice.

Sl. No.	Land Use Types	Area (in acres)
1	Pangzhing	36
2	Tseri	531
3	Wet land	130
4	Dryland	230
5	Tshesa	12
	Total	939

2 GEWOG PLAN OUTLAY

Nu. in million

S.No.	Sectors	Rec.	Cap.	Tot.	Remarks
1	Agriculture Program	0.000	13.750	13.750	
2	Livestock Program	0.000	1.816	1.816	
3	Forestry Program	0.000	0.150	0.150	
4	Education Program	0.000	1.428	1.428	
5	Health Program	0.000	1.584	1.584	
6	Suspension Bridge & Mule Track Program	0.000	2.050	2.050	
7	Gewog Administration Program	0.465	2.800	3.265	
	Gewog Grand Total	0.465	23.578	24.043	

3 GEWOG DEVELOPMENT PROGRAMS

Agriculture Programs

a) Crop Improvement Activities

The people of Metsho Gewog have identified rice and maize as priority cereal crops for their Gewog during the Ninth Plan. Wheat, mustard and pea have been identified as winter crops for the Gewog. Accordingly, thrust will be given for improvement of production of these crops through training of farmers on crop management and post-harvest management, demonstration and trials on improved varieties and technologies, field day and supply improved variety of seed.

b) Horticulture development

To enhance cash income, the people of Metsho Gewog has identified citrus (orange), mushroom, vegetable and walnut as priority cash crops for their Gewog. To improve production of these cash crops, the Dzongkhag shall carry out farmers training on farm management especially in crop and post-harvest management, demonstration and trial on improved varieties and technologies and supply improved seeds and seedlings.

c) Construction of new Irrigation Channel

To enhance rice production, a total of 12 km of new irrigation channel is proposed to be constructed under Metsho Gewog during the Ninth Plan. The beneficiaries shall contribute Labour and the Dzongkhag shall provide materials and skilled labour.

d) Construction of Farm road

To facilitate transportation of agricultural inputs and produces, the people of Metsho Gewog has requested for the construction of 10 Km of farm roads in their Gewog during the Ninth Plan. The beneficiaries shall contribute labour and the Dzongkhag shall provide equipment and technical backstopping.

e) Farmers Study Tour on Agriculture

To gain and share experiences with other farmers and to expose the farmers to other demonstrative activities within and outside the Dzongkhag, study tours shall be organised for the farmers of Metsho Gewog.

Livestock Programs

a) Livestock Breed Improvement Activities

To improve livestock breed, the Dzongkhag shall procure and distribute improved breeding bulls like Jersey, Mithun and Nublangs as per the demand of the farmers in the Gewog.

To make the animal health services cost effective and efficient at the Gewog level, six Village Animal Health Workers (VAHW) from different villages of the Gewog shall be trained. These VAHWs will undertake basic animal health services (Deworming, vaccination, and minor treatments etc.) in their locality.

b) Backyard Farms

Farmer shall be encouraged to establish small-scale livestock backyard farm to increase production of livestock product. Inputs shall be procured and supplied to the interested farmers as per the demand to establish piggery, dairy and poultry farms.

c) Farmers Training and Study Tour on Livestock management

A total of 30 farmers shall be trained under different livestock management system with an objective to enhance skills and knowledge of the farmers on improved livestock management. In addition a total of 50 farmers shall be taken for study tour to different farms and Dzongkhag to enhance their knowledge through practical observation and sharing of experiences with other farmers and experts.

Forestry Programs

a) Private Forestry

To encourage private forestry tree planting in private registered land, about 100 tree seedlings shall be distributed to the farmers the Dzongkhag shall provide training for Nursery Operator, carry out survey, plan preparation, register private land, supply seedlings, monitor and evaluate tree plantation.

b) Community Forestry

The aim of community forestry is to hand over the government reserved forest to the local community so that the community shall have access to forest products and thereby reduce the pressure on the Government Reserved Forest. The other objective is also to involve the community to participate in sustainable forest management and educate them about nature conservation. To realize the above objectives, a community forest shall be established in different villages under the gewog. The tree seedlings shall be supplied by the Forestry sector and the Dzongkhag shall survey the potential area, carry out preparation of plan, review of plan, training of community nursery operator and supply seedling.

c) Forest Fire management

To have effective forest fire control, the Forestry sector will purchase fire-fighting equipment and distribute to the gewog. It is also proposed to demarcate fire line to prevent forest fire out break.

d) Farmers Training on Forestry

To create people's awareness on Forest & Nature Conservation Rules and enhance the knowledge on forest management, following activities will be taken up:

- Farmers training on Private Forestry establishment
- Farmers training on Community Forestry establishment and management
- Farmers training on Rural Timber Supply rules and procedures
- Farmers training on Forest fire management

e) Farmers study tour on Forest Management

Study tours shall be conducted both outside and within the Dzongkhag during the Ninth Plan in order to enhance people's knowledge and share experiences with the people in other Dzongkhags on forest management.

Education Programs

a) Construction of new Shongmay Community School

A new Community School is proposed at Shongmay for the people of Shongmay, Yurung, Bamdir, Tshochen and Balam villages with total 61 households. Presently, the children from these villages go to Zangkhar PS which is two and half hours walk from these villages. The community school will benefit 43 children of 0-5 years age and 23 children of 6-12 years age when completed. The beneficiaries shall contribute labour and construction materials and the Dzongkhag shall provide skilled labour and CGI sheet (roofing materials).

b) Consolidation of Ungar Community School

Ungar Community School shall be further consolidated through provision of additional classrooms, site development, water supply, supply of equipment and furniture, electrification, etc. during the Ninth Plan.

Health Programs

a) Construction of new Rural Water Supply Scheme (RWSS)

In order to reduce the incidences of water-borne diseases and improve the sanitation of the people of Metsho Gewog, 12 new rural water supply schemes are proposed during the Ninth Plan in the Gewog. While the beneficiaries shall contribute the labour, the Dzongkhag shall provide materials and skilled labour. These schemes will benefit about 102 households.

Suspension Bridge and Mule Track Programs

a) Construction of new Suspension Bridges

Two new suspension bridges at Tashidra and Ladichu are proposed to be constructed during the Ninth Plan. The beneficiaries shall contribute labour while the Dzongkhag shall provide materials and skilled labour.

b) Construction of new Mule Track

A new mule track is proposed from Shongmay to Ungar and from Ungar to Pelphu Goenpa. The beneficiaries shall contribute labour and the Dzongkhag shall supply implements, if required. The mule track will improve communication link to some far-flung villages of the Gewog.

Gewog Administration Programs

a) Construction of Gup's Office

As the Metsho Gup does not have a proper office to manage gewog developmental and administrative affairs, the people of the Gewog has placed priority for construction of Gup's Office during the Ninth Plan.

4 BUDGET ESTIMATES

Nu. in millions

Sl. No.	Activities	Unit	Target	Budget			Remarks
				Rec.	Cap.	Total	
1	Crop Improvement Program						
A	Rice Development Activities:						
a	Farmers Training	No.	83	0.000	0.025	0.025	
b	Supply of Improved seed	Kg.	2,490	0.000	0.135	0.135	
c	Demonstration & Field Days	HH	32	0.000	0.000	0.000	
	Sub-total			0.000	0.160	0.160	
B	Maize Development Activities:						
a	Farmers Training	No.	150	0.000	0.068	0.068	
b	Supply of Improved seed	Kg.	2,250	0.000	0.100	0.100	
c	Demonstration & Field Days			0.000	0.000	0.000	
	Sub-total			0.000	0.168	0.168	
C	Winter Cropping Activities:						
a	Supply of wheat seed	Kg.	1,668	0.000	0.139	0.139	
b	Supply of Mustard Seed	Kg.	535	0.000	0.072	0.072	
c	Supply of Pea Seed	Kg.	535	0.000	0.066	0.066	
d	Supply of Rajma Seed	Kg.	535	0.000	0.080	0.080	
e	Farmers Training	No.	190	0.000	0.073	0.073	
	Sub-total			0.000	0.430	0.430	
2	Horticulture Development						
A	Walnut Development Activities:						
a	Farmers Training	No.	166	0.000	0.025	0.025	
b	Supply of Seedling	No.	10,375	0.000	0.207	0.207	
	Sub-total			0.000	0.232	0.232	
B	Orange Development Activities:						
a	Farmers Training	No.	120	0.000	0.018	0.018	
b	Supply of Seedlings	No.	9,000	0.000	0.135	0.135	
	Sub-total			0.000	0.153	0.153	
C	Mushroom Development Activity						
a	Trial-cum-demonstration	No.	10	0.000	0.040	0.040	
	Sub-total			0.000	0.040	0.040	
3	Kitchen Garden Activities:						
a	Farmers Training	No.	166	0.000	0.025	0.025	
b	Supply of Seeds	Pkts.	4,150	0.000	0.040	0.040	
	Sub-total			0.000	0.065	0.065	
4	Farmers Study Tour on Agriculture	No.	50	0.000	0.090	0.090	
	Sub-total			0.000	0.090	0.090	
5	Irrigation Development Program:						
a	Construction of new Irrigation Channel	Km	12	0.000	1.712	1.712	
b	Training of WUA members	No.	30	0.000	0.200	0.200	
	Sub-total			0.000	1.912	1.912	
6	Construction of Farm Roads	Km	10	0.000	10.500	10.500	
	Sub-total			0.000	10.500	10.500	
	Agriculture Total			0.000	13.750	13.750	

7	Livestock Breed Improvement Activities:						
a	Supply of Breeding Bulls	No.	4	0.000	0.620	0.620	
b	Livestock Show	No.	5	0.000	0.150	0.150	
	Sub-total			0.000	0.770	0.770	
8	Animal Health Program:						
a	Training of Village Animal Husbandry Worker (VAHW)	No.	6	0.000	0.060	0.060	
b	Vaccination/Deworming Service			0.000	0.400	0.400	
	Sub-total			0.000	0.460	0.460	
9	Establishment of AI Centre	No.	1	0.000	0.150	0.150	
	Sub-total			0.000	0.150	0.150	
10	Farmers Study Tour	No.	50	0.000	0.090	0.090	
	Sub-total		0.000	0.090	0.090		
11	Farmers Training	No.	30	0.000	0.300	0.300	Training on Poultry, Piggery & Dairy Management.
	Sub-total			0.000	0.300	0.300	
12	Pasture & Fodder Dev.						
a	Pasture Development	Acre	20	0.000	0.018	0.018	
b	Supply of Fodder Seedlings	No.	7,000	0.000	0.028	0.028	
	Sub-total			0.000	0.046	0.046	
13	Establishment of Backyard Farms			0.000	0.000	0.000	Poultry, Piggery & Dairy Farms.
	Sub-total			0.000	0.000	0.000	
	Livestock Total			0.000	1.816	1.816	
14	Private Forestry Activities:						
a	Nursery Operator Training	No.	2	0.000	0.040	0.040	
b	Supply of Seedling	No.	100	0.000	0.020	0.020	
	Sub-total			0.000	0.060	0.060	
15	Farmers Study Tour	No.	50	0.000	0.090	0.090	
	Sub-total			0.000	0.090	0.090	
	Forestry Total			0.000	0.150	0.150	
16	Construction of Zhongmey new Community School:						
a	Academic Block	No.	1	0.000	0.300	0.300	
b	Staff Quarter	No.	2	0.000	0.300	0.300	
c	Furniture & Office Equipment			0.000	0.100	0.100	
d	Water Supply	No.	1	0.000	0.105	0.105	
e	Fencing			0.000	0.010	0.010	
f	Purchase of Library			0.000	0.150	0.150	
	Sub-total			0.000	0.965	0.965	
17	Consolidation of Ungar Community Primary School:						
a	Site Development	No.	1	0.000	0.010	0.010	Fencing
b	Electrification	No.	1	0.000	0.008	0.008	
c	Water Supply	No.	1	0.000	0.025	0.025	
d	Furniture & Office Equipment			0.000	0.100	0.100	
e	Additional Classroom Block	No.	1	0.000	0.170	0.170	
f	Purchase of Library			0.000	0.150	0.150	
	Sub-total			0.000	0.463	0.463	
	Education Total			0.000	1.428	1.428	

18	Construction of new Rural Water Supply Schemes:						
a	Obee	No.	1	0.000	0.132	0.132	
b	Pangshingmay	No.	1	0.000	0.132	0.132	
c	Shongmay	No.	1	0.000	0.132	0.132	
d	Yurung	No.	1	0.000	0.132	0.132	
e	Gongdar	No.	1	0.000	0.132	0.132	
f	Bambir	No.	1	0.000	0.132	0.132	
g	Yokpaling	No.	1	0.000	0.132	0.132	
h	Chokokmay	No.	1	0.000	0.132	0.132	
I	Yamalung	No.	1	0.000	0.132	0.132	
j	Gulipang	No.	1	0.000	0.132	0.132	
k	Mukpakhar	No.	1	0.000	0.132	0.132	
l	Ongkhargang	No.	1	0.000	0.132	0.132	
	Health Total			0.000	1.584	1.584	
19	Construction of new Suspension Bridge:						
a	Tashidra	No.	1	0.000	0.955	0.955	
b	Ladichu	No.	1	0.000	0.995	0.995	
	Sub-total			0.000	1.950	1.950	
20	Construction of new Mule Tracks:						
a	Shongmay-Ungar-Pelphu	Km	2	0.000	0.100	0.100	
	Sub-total			0.000	0.100	0.100	
	SB & Mule Track Total			0.000	2.050	2.050	
21	Gewog Administration Program:						
a	Construction of Gup's Office	No.	1	0.000	2.000	2.000	
b	Office Equipment			0.000	0.200	0.200	
c	Office Stationery			0.050	0.000	0.050	
d	Furniture			0.000	0.050	0.050	
e	Renovation of Lhakhangs	No.		0.000	0.550	0.550	
f	GYT Expenses			0.045	0.000	0.045	
g	Establishment Cost			0.370	0.000	0.370	
	Gewog Adm. Total			0.465	2.800	3.265	
	Gewog Grand Total			0.465	23.578	24.043	

5 PLAN IMPLEMENTATION, MONITORING AND EVALUATION

The GYT *Chathrim* 2002 delineates specific roles and responsibilities to all functionaries involved in development administration and management in the Gewog. It is, however, deemed necessary to underscore some essential processes that must be observed in executing the above roles and responsibilities.

The financial powers and authority of the Gewog Administration for the implementation of the planned activities are also enshrined in the GYT *Chathrim* 2002.

Plan implementation

The Gup, GYT *Tshopas* and the community as a whole will take on full accountability and ownership of gewog development activities. The clear delineation of implementation time frames, responsibilities and contributions from the community should be developed for the effective implementation of gewog activities.

Annual and Quarterly Plans

Based on the Five-Year Plan, the Gup will prepare Annual Plans and Budgets (AP&B) in consultation with the gewog sectoral staff and submit it to GYT. After the GYT discusses and approves the Draft AP&B, it will be put up for approval to the DYT.

Once the DYT approves the AP&B, the GYT will develop a Quarterly Work Plan and Budget in consultation with the sectoral staffs and other functionaries in the gewog such as Mangmi, Chimi and Tshopas. The implementation of the Quarterly Work Plan will be the responsibility of the Gup and the Tshopas with technical support from the staff of the concerned sectors.

Based on the Quarterly Work Plan, the concerned sectoral staff responsible for the implementation of any planned activity will elaborate a detailed implementation plan and budget for approval and budget release by the Gup. Copy of this plan will be sent for information to the concerned sectoral heads and relevant agencies. Upon completion of the activity, the responsible person will submit a report to the Gup and the concerned sectoral heads and relevant agencies.

Monitoring and Evaluation

Monitoring

The GYT in the Gewog will be responsible for progress and performance monitoring of the planned activities. The GYT should convene monthly meetings with technical staff and other responsible persons for implementation to review the progress in the implementation of every activity and to take timely corrective actions when required. The Gewog will seek technical back-up services from the Dzongkhag Administration when necessary.

Based on the received reports and monthly meetings the Gup will submit a quarterly report to the Dzongkhag administration. Technical reports from the different sectors will be attached to the Gup's quarterly report.

The Gup will verify the travel claims of all sectoral personnel in the gewog so that the performance of the Gewog staff can be monitored.

Evaluation

To assess the impact and benefit of development programs and projects in the Gewogs, the Government will launch periodic evaluation missions in coordination with the Dzongkhag Administration.