

MINJAY GEWOG NINTH PLAN (2002-2007)



**LHUMENTSE DZONGKHAG
ROYAL GOVERNMENT OF BHUTAN**

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1 Current Situation

Minjay gewog has 266 households with an area of about 137.6 square kilometer. The main livelihood of the population is agriculture farming, livestock rearing and weaving. It is located to the south of the Dzongkhag headquarter and bordered by Trashiyangtse Dzongkhag in the east, Khoma Gewog and Tsenkhar Gewogs in the north and south respectively.

Two suspension bridges connect the gewog to different villages and other gewogs. The gewog has two Community Schools with total student population of 286. It has good educational coverage. However, due to distance, it is difficult to have 100% coverage. One Basic Health Unit (BHU) and four Out Reach Clinics (ORC) render basic health services in the gewog. Acute Respiratory Infection (ARI), skin and eye diseases are common. About 68% of the population of the Gewog has access to piped drinking water supply and sanitation.

The people of this Gewog mainly grow paddy and maize and they have sufficient food through out the year. Livestock products are the main source of cash income of the people in the gewog.

Sl. No.	Land Use Types	Area (in acres)
1	Pangzhing	113
2	Tseri	380
3	Wet land	355
4	Dryland	356
5	Tshesa	12
	Total	1216

2 GEWOG PLAN OUTLAY

Nu. in million

S.No.	Sectors	Rec.	Cap.	Tot.	Remarks
1	Agriculture Program	0.000	4.223	4.223	
2	Livestock Program	0.000	1.423	1.423	
3	Forestry Program	0.000	0.365	0.365	
4	Education Program	0.000	1.386	1.386	
5	Health Program	0.000	1.392	1.392	
6	Suspension Bridge & Mule Track Program	0.000	2.065	2.065	
7	Gewog Administration Program	0.466	3.250	3.716	
	Gewog Grand Total	0.466	14.104	14.570	

3 GEWOG DEVELOPMENT PROGRAMS

Agriculture Programs

a) Crop Improvement Activities

Rice and maize have been identified as priority cereal crops by the people of Minjay Gewog for their Gewog during the Ninth Plan. Wheat and mustard have been identified as winter crops for the Gewog. Accordingly, thrust shall 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 income, farmers of Minjay Gewog have identified orange, walnut, mushroom and vegetable 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) Irrigation Programme

To enhance rice production, a total of three kilometer new irrigation channel is proposed under Minjay Gewog. Labour shall be contributed by the beneficiaries and the Dzongkhag shall provide materials and skilled labour. Further, about 14 km of existing channel shall be renovated in the Gewog during Ninth Plan.

d) 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 so that they learn by seeing themselves, study tours shall be organised for the farmers of Minjay Gewog.

Livestock Programs

a) Livestock Breed Improvement Activities

To improve livestock breed, the Dzongkhag shall procure and distribute improved breeding bulls such as three Jersey Cross as per the demand of the farmers in the Gewog during the Ninth Plan.

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

Farmers shall be encouraged to establish small-scale livestock backyard farm to increase production of livestock products. 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 300 farmers shall be trained under different livestock management system with an objective to enhance skills and knowledge of the farmers on improve livestock management. In addition a total of 60 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 25000 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 shall 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) Consolidation of Kupinesa and Zam Community Schools

The existing Community Schools cater to Kupinesa, Buhur, Tongling, Zam and Chhenling villages. It is difficult to accommodate the increasing number of students in existing building. Therefore, additional facilities need to be constructed during the Ninth Plan.

The beneficiaries shall contribute labour and construction materials and the Dzongkhag shall provide skilled labour and CGI sheet (roofing materials).

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 Minjay Gewog, five new rural water supply schemes are proposed during the Ninth Plan in the Gewog. While the labour shall be contributed by the beneficiaries, materials and skilled labour shall be provided by the Dzongkhag.

b) Rehabilitation of RWS Scheme

It is proposed to rehabilitate about six existing schemes during the Ninth Plan in order to have an uninterrupted supply of water for the people. If major repair is required, the Dzongkhag shall be requested to supply materials and the beneficiaries shall contribute labour.

Suspension Bridge and Mule Track Programs

a) Construction of new Suspension Bridges

Two new suspension bridges are proposed at Nagargangchu and Rongmachu during the Ninth Plan. The beneficiaries shall contribute labour while the Dzongkhag shall provide materials and skilled labour.

b) Improvement of Mule Track

The existing mule tracks from Chakzam to Sham and Chakzam to Amdrang shall be further improved. The beneficiaries shall contribute labour and the Dzongkhag shall supply implements, if required.

Gewog Administration Programs

a) Strengthening of Gewog Administration

As the Minjay 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 million

Sl. No.	Activities	Unit	Target	Budget			Remarks
				Rec.	Cap.	Total	
1	Crop Improvement Program						
A	Rice Development Activities :						
a	Farmers Training	No.	381	0.000	0.060	0.060	
b	Supply of Improved seed	Kg.	9,600	0.000	0.180	0.180	
c	Demonstration & Field Days	HH	32	0.000	0.000	0.000	
	Sub-total			0.000	0.240	0.240	
B	Maize Development Activities:						
a	Farmers Training	No.	1,064	0.000	0.160	0.160	
b	Supply of Improved seed	Kg.	9,975	0.000	0.150	0.150	
c	Demonstration & Field Days			0.000	0.000	0.000	
	Sub-total			0.000	0.310	0.310	
C	Winter Cropping Activity :						
a	Supply of Wheat Seed	Kg.	7,380	0.000	0.118	0.118	

b	Supply of Mustard Seed	Kg.	930	0.000	0.025	0.025	
	Sub-total			0.000	0.143	0.143	
2	Horticulture Development						
A	Walnut Development Activities:						
a	Farmers Training	No.	300	0.000	0.045	0.045	
b	Supply of Seedling	No.	3,000	0.000	0.060	0.060	
	Sub-total			0.000	0.105	0.105	
B	Orange Development Activities:						
a	Farmers Training	No.	150	0.000	0.025	0.025	
b	Supply of Seedlings	No.	3,750	0.000	0.056	0.056	
	Sub-total			0.000	0.081	0.081	
C	Mushroom Dev. Activities:						
a	Farmers Training	No.	20	0.000	0.010	0.010	
b	Trial-cum-demonstration	No.	20	0.000	0.020	0.020	
c	Demonstration & Field Days			0.000	0.000	0.000	
	Sub-total			0.000	0.030	0.030	
3	Kitchen Garden Activities:						
a	Farmers Training	No.	200	0.000	0.030	0.030	
b	Supply of Seeds	Pkts.	2,660	0.000	0.027	0.027	
	Sub-total			0.000	0.057	0.057	
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	3	0.000	0.530	0.530	
b	Renovation of old Irrigation Channel	Km	14	0.000	2.137	2.137	
c	Training of WUA members	No.	5	0.000	0.500	0.500	
	Sub-total			0.000	3.167	3.167	
	Agriculture Total			0.000	4.223	4.223	
6	Livestock Breed Improvement Activities :						
a	Supply of Jersey Cross	No.	3	0.000	0.046	0.046	
b	Livestock Show	No.	5	0.000	0.150	0.150	
	Sub-total			0.000	0.196	0.196	
7	Animal Health Program :						
a	Training of Village Animal Husbandary Worker (VAHW)	No.	6	0.000	0.060	0.060	
b	Vaccination/Deworming Service			0.000	0.500	0.500	
	Sub-total			0.000	0.560	0.560	
8	Establishment of AI Centre	No.	1	0.000	0.150	0.150	
	Sub-total			0.000	0.150	0.150	
9	Farmers Study Tour	No.	60	0.000	0.090	0.090	
	Sub-total			0.000	0.090	0.090	
10	Farmers Training	No.	300	0.000	0.350	0.350	Training on Poultry, Piggery & Dairy Management.
	Sub-total			0.000	0.350	0.350	

11	Pasture & Fodder Dev.						
a	Pasture Development	Acre	50	0.000	0.045	0.045	
b	Supply of Fodder Seedlings	No.	3,000	0.000	0.032	0.032	
	Sub-total			0.000	0.077	0.077	
12	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	1.423	1.423	
13	Private Forestry Activities :						
a	Nursery Operator Training	No.	5	0.000	0.100	0.100	
b	Supply of Seedling	No.	25,000	0.000	0.100	0.100	
c	Survey of Potential Areas			0.000	0.005	0.005	
	Sub-total			0.000	0.205	0.205	
14	Community Forestry Activities :						
a	PRA & RRA	No.	1	0.000	0.020	0.020	
b	Survey of Potential Areas			0.000	0.005	0.005	
c	Preparation of Management Plan			0.000	0.020	0.020	
d	Issue of Certificate			0.000	0.015	0.015	
e	Supply of Seedlings	No.		0.000	0.010	0.010	
	Sub-total			0.000	0.070	0.070	
15	Farmers Study Tour	No.	50	0.000	0.090	0.090	
	Sub-total			0.000	0.090	0.090	
	Forestry Total			0.000	0.365	0.365	
16	Consolidation of Kupinyasa Community Primary School :						
a	Site Development	No.	1	0.000	0.010	0.010	Fencing
b	Additional Classroom Block	No.	1	0.000	0.200	0.200	
c	Staff Quarter	No.	2	0.000	0.600	0.600	
d	Furniture & Office Equipment			0.000	0.100	0.100	
e	Electrification			0.000	0.008	0.008	
f	Water Supply	No.	1	0.000	0.025	0.025	
g	Purchase of Library			0.000	0.150	0.150	
	Sub-total			0.000	1.093	1.093	
17	Consolidation of Zam 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	Purchase of Library			0.000	0.150	0.150	
	Sub-total			0.000	0.293	0.293	
	Education Total			0.000	1.386	1.386	
18	Construction of new Rural Water Supply Schemes						
a	Budur	No.	1	0.000	0.132	0.132	
b	Sham	No.	1	0.000	0.132	0.132	
c	Chheling	No.	1	0.000	0.132	0.132	
d	Jalang	No.	1	0.000	0.132	0.132	
e	Lekhchugang	No.	1	0.000	0.132	0.132	
	Sub-total			0.000	0.660	0.660	

19	Rehabilitation of Rural Water Supply Schemes :						
a	Budur	No.	1	0.000	0.122	0.122	
b	Sham	No.	1	0.000	0.122	0.122	
c	Amdrang	No.	1	0.000	0.122	0.122	
d	Chhengling	No.	1	0.000	0.122	0.122	
e	Lekpachu	No.	1	0.000	0.122	0.122	
f	Chusa	No.	1	0.000	0.122	0.122	
	Sub-total			0.000	0.732	0.732	
	Health Total			0.000	1.392	1.392	
20	Construction of new Suspension Bridge :						
a	Nagargangchu	No.	1	0.000	0.955	0.955	
b	Rongmachu	No.	1	0.000	1.060	1.060	
	Sub-total			0.000	2.015	2.015	
21	Maintenance of Mule Track						
a	Chakzam-Sham	Km	5	0.000	0.030	0.030	
b	Chakzam-Amdrang	Km	3	0.000	0.020	0.020	
	Sub-total			0.000	0.050	0.050	
	SB & Mule Track Total			0.000	2.065	2.065	
22	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	1.000	1.000	
f	GYT Expenses			0.046	0.000	0.046	
g	Establishment Cost			0.370	0.000	0.370	
	Gewog Adm. Total			0.466	3.250	3.716	
	Gewog Grand Total			0.466	14.104	14.570	

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 Tshogpas. The implementation of the Quarterly Work Plan will be the responsibility of the Gup and the Tshogpas 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.