

BIRU GEWOG
NINTH PLAN
(2002-2007)



SAMTSE DZONGKHAG
ROYAL GOVERNMENT OF BHUTAN

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1. CURRENT SITUATION

Biru gewog under Sipsu Drungkhag consist of 448 households covering an area of around 50 square kilometers with elevations ranging from 600-5500 meters above the sea level.

It is also one of the remotest gewogs in Samtse. The gewog does not have social and RNR infrastructure and avails services from Sipsu.

Maize and paddy are grown on subsistence level. Cardamom and orange are the principal source of cash income for people in the gewog. Cardamom infection by pest during the past years affected their incomes badly.

2. SUMMARY OF GEOWG PLAN OUTLAY

Nu.in million

Sl. #	Programmes	Outlay			Remarks
		Current	Capital	Total	
1	Agriculture Program	0.000	1.620	1.620	
2	Livestock Program	0.000	0.498	0.498	
3	Forestry Program	0.000	0.106	0.106	
4	Health Program	0.000	0.364	0.364	
5	Suspension bridge	0.000	2.000	2.000	
6	Gewog Administration	0.280	1.030	1.310	
	Total	0.280	5.618	5.898	

3. GEWOG DEVELOPMENT PROGRAMS

Agriculture Programs

Paddy Development

The gewog has about 235 hectares of registered wetland and paddy is grown as one of the important crops. Therefore, in order to enhance productivity, on-farm trials and demonstrations will be carried out in the gewog.

Maize Development

Since maize is the staple diet of the gewog, the farmers propose to double its productivity from the present level. Therefore, as per their demand, on-farm trials and demonstration with use of improved seeds and better management practices will be conducted in the gewog.

Oilseed Promotion

The people of the gewog grow mustard as the main oil crops. As such they would like to promote it further during the plan by on farm trial and demonstration in the focused potential areas of the gewog.

Wheat Promotion

Wheat is grown as the important supplementary cereals and it will still receive focus even in the ninth plan. Farmers, therefore, have requested on-farm trials on local as well as high yield variety seeds.

Millet Promotion

For promotion of millet, the gewog proposes to buy improved seed varieties. The gewog also proposes to conduct on farm trials and demonstrations on this cereal in the focused potential areas of the gewog.

Vegetable Promotion

The price of vegetable is very high during summer and people like to start off-season vegetable cultivation to overcome this problem. Therefore, farmers had requested for supply of off-season vegetable seeds and technical guidance to promote its production within the ninth plan.

Renovation of Irrigational channels

Although gewog has many irrigation channels, which need to be renovated, the people had prioritized the renovation of two km Karatey and seven km Jangatar irrigation channels during the plan.

Construction of Barney-Deorali farm road

Deorali village has more than 30 households and has around 50 acres of wetland, where farm mechanization is feasible. Therefore, in order to introduce farm mechanization as well as to market surplus farm produces, farmers have prioritized construction of two km Barney-Deorali farm roads during the ninth plan.

Livestock Programs

Backyard Farm Development

As the gewog has favourable climatic condition and easy access to both domestic and Indian markets, people have emphasized on the improvement of breed through backyard farming. It is proposed to set up two units of backyard farms on dairy, piggery and poultry. Further, for the purpose of cross breeding, two jersey bulls are requested.

Feed and Fodder Development

As people consider livestock rearing as an important activity and also to sustain its products, they had requested to support the development of feed and fodder. Therefore, fodder tree saplings and sub-tropical pasture seeds will be supplied to the whole gewog.

Farmers Capacity Development

In order to support livestock activities, people had requested for capacity development in the gewog. Therefore, capacity development program will be carried in various livestock training aspects. Farmers from the gewog will be trained on Village Animal Health and Service, Dairy Management and Fishery and Pasture Management.

Forestry Programs

Creation of Private Forestry

In order to preserve the forest cover, people have proposed to create private forestry on 20 acres of private land during the plan. To support the creation of private forestry, it is proposed to raise private nursery in 12 acres of land.

Health Programs

Construction/Renovation of RWSS

Gewog plans to construct one RWSS and renovate one scheme during the plan.

Construction of ORC

Biru gewog constitutes of 14 villages. The villages are widely dispersed and have no access to health facilities in particular and other facilities in general. Whenever there is need for health facilities and services, the people have to walk more than three hours to reach Sipsu, the nearest health center. Thus considering the hardship, people have requested for the construction of ORC at Kopi village.

Suspension Bridge and Mule Track Programs

Renovation/maintenance of Suspension bridges

To promote inter connectivity among the villages of the gewog, the gewog proposes to renovate the Sundareydovan suspension bridge. This bridge connects 200 households of Sundarey village with 160 households of Dovan village. The proposals were also made for the maintenance and repair of the existing bridges such as Gangatazam, Bindukholazam and Chejuzam.

Gewog Administration and Management Programs

Construction of Gup Office

The gup of Biru gewog has no office. Therefore, construction of office for the gup has been strongly recommended by the DYT and the people during the ninth plan.

4. BUDGET ESTIMATES

Nu.in million

Sl. #	Programmes	Unit	Target	Budget Outlay			Remarks
				Current	Capital	Total	
1	Paddy Development						
1.1	Promotion	Kgs	750	0.000	0.019	0.019	
1.2	Demonstration and trial	Nos	5	0.000	0.003	0.003	
1.3	Purchase of improved seeds	Kgs	15000	0.000	0.000	0.000	Cash and Carry
	Sub-total			0.000	0.022	0.022	
2	Maize Development						
2.1	Promotion	Kgs	1000	0.000	0.020	0.020	
2.1	Demo. on Mgmt. Practices	Nos	5	0.000	0.001	0.001	
2.2	Purchase of improved seeds	Kgs	7000	0.000	0.000	0.000	Cash and Carry
	Sub-total			0.000	0.021	0.021	
3	Oil Seed Development						
3.1	Promotion	Kgs	120	0.000	0.005	0.005	
3.2	Purchased of improved seeds	Kgs	125	0.000	0.000	0.000	Cash and Carry
	Sub-total			0.000	0.005	0.005	
4	Wheat Development						
4.1	Promotion	Kgs	120	0.000	0.002	0.002	
4.2	Purchase of improved seeds	Kgs	8000	0.000	0.000	0.000	Cash and Carry
	Sub-total			0.000	0.002	0.002	
5	Millet Development						
5.1	Purchase of improved seeds	Kgs	120	0.000	0.002	0.002	
	Sub-total			0.000	0.002	0.002	
6	Vegetable Development						
6.1	Demo.& trial on off-season Veg.	Nos	5	0.000	0.025	0.025	
6.2	Purchase of mixed seed	Pkt	500	0.000	0.000	0.000	Cash and Carry
	Sub-total			0.000	0.025	0.025	
7	Farmers Training						
7.1	IPM technologies	hhs	150	0.000	0.023	0.023	
7.2	Maize post harvest practices	hhs	150	0.000	0.023	0.023	
7.3	Ginger diseases and Mgmt.	hhs	150	0.000	0.023	0.023	
7.4	Off seasonal vegetable	hhs	50	0.000	0.008	0.008	
7.5	Soil conservation & fertility Mgmt.	hhs	50	0.000	0.008	0.008	
7.6	Orchard layouts	hhs	50	0.000	0.008	0.008	
	Sub-total			0.000	0.093	0.093	
8	Farm road development						
8.1	Construction of farm road	km	2	0.000	0.525	0.525	
	Sub-total			0.000	0.525	0.525	

9	Irrigation Development						
9.1	Renovation of channel	Km	2	0.000	0.400	0.400	
9.2	Farm road development	km	1.5	0.000	0.525	0.525	
	Sub-total			0.000	0.925	0.925	
	Total			0.000	1.620	1.620	
10	Backyard Farm						
10.1	Pullets transportation			0.000	0.020	0.020	
	Sub-total			0.000	0.020	0.020	
11	Breed Improvement						
11.1	Supply of jersey bull	No	1	0.000	0.004	0.004	
11.2	Bull transportation	Nos		0.000	0.010	0.010	
11.3	Mithun bull transportation			0.000	0.008	0.008	
11.4	Sheep & piglets transportation			0.000	0.015	0.015	
11.5	Progeny allowance	No	360	0.000	0.023	0.023	
	Sub-total			0.000	0.060	0.060	
12	Feed and Fodder Development						
12.1	Purchase of pasture seeds			0.000	0.023	0.023	
12.2	Seedlings & seed Transporatain			0.000	0.015	0.015	
	Sub-total			0.000	0.038	0.038	
13	Animal Health						
13.1	Medicine supply & transportation			0.000	0.355	0.355	
	Sub-total			0.000	0.355	0.355	
14	Farmers Capacity Dev.						
14.1	Poultry management	No	10	0.000	0.011	0.011	
14.2	Village animal health worker	No	5	0.000	0.011	0.011	
14.3	Pasture management& practices	No	15	0.000	0.003	0.003	
	Sub-total			0.000	0.025	0.025	
	Total			0.000	0.498	0.498	
15	Private Forestry						
15.1	Private forestry	Acre	20	0.000	0.000	0.000	
15.1	Supply of seedlings	No	15110	0.000	0.076	0.076	
15.2	Transportation of seedlings			0.000	0.024	0.024	
	Sub-total			0.000	0.100	0.100	
16	Private Nursery						
16.1	Private Nursery	Acre	12	0.000	0.000	0.000	
16.1	Seedling supply			0.000	0.006	0.006	
	Sub-total			0.000	0.006	0.006	
	Total			0.000	0.106	0.106	
17	Out Reach Clinic (ORC)						
17.1	Construction	No	1	0.000	0.110	0.110	
	Sub-total			0.000	0.110	0.110	

18	Construction of RWSS						
18.1	New construction	No	1	0.000	0.132	0.132	
18.2	Rehabilitation	No	1	0.000	0.122	0.122	
	Sub-total			0.000	0.254	0.254	
	Total			0.000	0.364	0.364	
19	Renov. Of Suspension Bridges						
19.1	Sundarey Dovenzam		1	0.000	0.500	0.500	
19.2	Bindukhola			0.000	0.500	0.500	
19.3	Gangatazam			0.000	0.500	0.500	
19.4	Chebuzam			0.000	0.500	0.500	
	Sub-total			0.000	2.000	2.000	
	Total			0.000	2.000	2.000	
20	Gewog Administration						
20.1	Construction of Gup office			0.000	0.900	0.900	
20.2	Purchase of office equipment			0.000	0.080	0.080	
20.3	Procurement of stationeries			0.000	0.050	0.050	
20.4	Establishment cost			0.280	0.000	0.280	
	Sub-total			0.280	1.030	1.310	
	Total			0.280	1.030	1.310	
	Grand total			0.280	5.618	5.898	

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.