

**TOEPISA GEWOG
NINTH PLAN
(2002-2007)**



**THIMPHU DZONGKHAG
ROYAL GOVERNMENT OF BHUTAN**

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1. CURRENT SITUATION

Toepisa has 25 main villages with 346 households. The gewog covers an area of about 98 sq. km with an elevation ranging between 1,420 meters to 3,680 meters above sea level. The gewog experiences warm summers with heavy rainfall during the monsoon months of June, July and August. Winters are cold.

The East-West Highway passes through the gewog but accessibility to the highway is limited as there are no feeder road connections. The gewog has limited telecommunication and electricity connections but over 90% of the households have access to potable piped water supply.

The gewog is dominated by wetland cultivation followed by dry land cultivation. Paddy is the principle cereal crop in the gewog followed by spring wheat although other crops such as mustard, asparagus, potato, and vegetables are also grown. The small size of land-holdings in the gewog limits the production of cash crops on commercial scales.

The farmers also rear different types of livestock with local cattle constituting a large percentage of the total cattle population.

2. SUMMARY OF GEWOG PLAN OUTLAY

Sl. #	Sector	Outlay			Remarks
		Rec.	Cap.	Total	
1	Agriculture	0.000	2.936	2.936	
2	Livestock	0.000	0.135	0.135	
3	Forest	0.000	0.460	0.460	
4	Health	0.000	1.100	1.100	
5	Education	0.000	6.240	6.240	
6	Roads	0.000	2.000	2.000	
7	Gewog Administration	0.658	1.100	1.758	
	Total	0.658	13.971	14.629	

In. Nu. Millions

3. GEWOG DEVELOPMENT PROGRAMS

Agriculture programs

Crops improvement activities

The farmers have identified the improvement of wheat and paddy production as a priority during the Ninth Plan. Accordingly, farmers training, demonstrations and promotional activities on improved high yielding varieties (HYV) on paddy and wheat will be carried out during the plan period.

Development of cash crops

Farmers have shown interest to improve cash crops production of peach, walnut, vegetable, asparagus, mushroom, and potato and have requested for timely supply of seedlings and necessary services.

The small size of land holdings, however, limits the financial potential of cash crops production on commercial scales. Improvement activities will, therefore, be aimed at increasing production of these crops mainly for household consumption.

Farmers training and study tours

To share experiences with other farmers and expose them to demonstrative activities within and outside the dzongkhag, the farmers will be taken on study tours. Also, with the formation of associations for water and road users, the farmers will require training in banking, accounting, and maintenance of association fund and contributions.

Rural livelihood support program

This program has the objective to irrigate crops for higher yields, improve road access to remote villages, encourage farm mechanization to meet farm labour shortage, ease the burden of work on farm workers, and to rehabilitate land for cultivation.

The main activities under this program are:

Rehabilitation of six km of irrigation channels to benefit 65 households with a command area of 131 acres:

- Two km at Lemjakha
- 2.5 km at Gemkha
- 1.5 km at Tahogang

Construction of 10.5 km farm road to benefit 155 households:

- One km at Lemjakha
- One km at Gemkha
- Five km at Menchuna and Begana
- 3.5 km at Renekha and Seytokha.

Livestock programs

Livestock breed improvement

The communities have requested for the establishment of AI services and the supply of three mithun bulls to improve livestock breed. Depending on success of improved breeding program, a cattle show will be held during the plan period.

Development of pastureland

The development of pasture constitutes a major component for effective livestock breed improvement. The people have proposed for the development of five acres of pastureland to sustain the proposed livestock development activities.

Backyard farming

The dzongkhag will assist interested farmers in availing BDFC loans to establish back yard farming units.

Training on animal health and farmers study tours

To facilitate the provision of timely and cost effective animal health services, three animal health workers will be trained in basic animal health. The gewog requests that until the completion of training, the DAHO should continue to extend services.

Selected farmers will also be taken on study tours for experience sharing and learning by seeing during the Ninth Plan.

Forestry programs

Private and Community Forestry

Tree planting will be promoted in private lands to meet timber requirements for construction and firewood.

To support the communities in meeting their basic day-to-day needs and to strengthen sustainable management of forest resources, the people will be encouraged to take up community forestry activities.

Forest Fire Management

To save the natural forest, forest fire control and management will be enhanced through the procurement of fire fighting equipment. To communicate and organize forest fire fighting activities, a *Mesungpa* will also be identified.

Farmers study tours and training

Relevant training will be provided in the gewog to create awareness among people on forest and nature conservation rules, fire fighting techniques, and establishment and management of private and community forestry.

Selected farmers will also be taken on study tours to enhance their knowledge and share experiences with the farmers of other dzongkhags.

Health programs

Rural water supply schemes

The gewog has proposed for the construction of one new scheme and the rehabilitation of five rural water schemes. Protection activities for 10 spring sources have also been requested. The beneficiaries will be providing the necessary labor for the implementation of these schemes.

Details of water supply schemes proposed

Sl.#	Name of schemes	Location	No of Households
A	New		
1	Chelekha		8
B	Rehabilitation		
	5 Schemes		30
C	Water source Protection		10

Education programs

With an estimated GPER of 64% for PP-VI and 0% for LSER and MSER, Toepisa has one of the lowest enrolments. Thinleygang Primary School is the only school in the gewog. Most of the children in Thinleygang PS live in makeshift hostels with parents bearing the cost. Thinleygang is a WFP beneficiary school.

Toepisa has no Non-formal education centers. The gewog has proposed for the establishment of five NFE centres during the Ninth Plan. The recurrent budget for these establishment are included in the Dzongkhag Education Sector Plan Outlay.

A new Middle Secondary School at Thinleygang along with the new Tahogang CS and Hongtsho CS will be in session from 2002 academic year.

In the beginning of the Ninth Plan, two more community schools will be established at Chilikha and Serthokha. This will give access to more children and also reduce admission pressure on Thinleygang PS.

Gewog Administration programs

Renovation of Gup's office

The Toepisa Gup presently operates from the Gup's office that was built from Gewog Development Facilitating Activity (GDFA) funds. With individual gewog plans being formulated from Ninth Plan, the Gup has additional gewog development responsibilities. Hence, the renovation of the Gup's office is one of the gewog's priorities during the Ninth Plan.

Suspension Bridges and Mule Tracks programs

Construction of Suspension Bridge

Two bridges have been proposed over Toep Rong Chhu at Renakha and Begana. The construction of the two suspension bridges, Churu Zam and Serto Zam, will benefit 70 households in the villages of Renekha, Begana and other near by villages.

Maintenance of Suspension Bridges

The maintenance of two suspension bridges, Chana Zam and Dothangkha Zam, will also be taken up during the Ninth Plan.

4. BUDGET ESTIMATES

Sl. #	Program/ Activity	Target	Nu. In Millions			Remarks
			Rec	Budget Cap	Total	
I	Agriculture programs					
a	Cereal crop improvement					
1	Wheat—					
-	Farmers training	178 HH	0.000	0.015	0.015	Cost borne by Dzongkhag
-	Demonstration	2 nos	0.000	0.008	0.008	“do”
-	Field days	2 nos	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Improved variety (Sonalika)	10 Acres	0.000	0.010	0.010	Supply as per demand
2	Paddy					
-	Farmers training	147 HH	0.000	0.015	0.015	Cost borne by Dzongkhag
-	Demonstration	2 nos	0.000	0.008	0.008	“do”
-	Field days	2 nos	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Improved variety of paddy	40 acres	0.000	0.010	0.010	Supply as per demand
3	Mustard					
-	Farmers training	137 HH	0.000	0.014	0.014	Cost borne by Dzongkhag
-	Demonstration	2 Nos.	0.000	0.008	0.008	“do”
-	Field days	2 Nos.	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Supply of improved variety	20 Acres	0.000	0.010	0.010	Supply as per demand
4	Maize					
-	Farmers training	81 HH	0.000	0.008	0.008	Cost borne by Dzongkhag
-	Demonstration	2 Nos.	0.000	0.008	0.008	“do”
-	Field days	2 Nos.	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Supply of improved variety	10 Acres	0.000	0.010	0.010	Supply as per demand

	Sub-total		0.000	0.188	0.188	
b	Horticulture development					
1	Potatoes					
-	Farmers training	184 HH	0.000	0.015	0.015	Cost borne by Dzongkhag
-	Demonstration	2 Nos.	0.000	0.008	0.008	“do”
-	Field days	2 Nos.	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Improved seedlings	20 Acres	0.000	0.020	0.020	Supply as per demand
2	Apples					
-	Farmers training	66 HH	0.000	0.007	0.007	Cost borne by Dzongkhag
-	Demonstration	2 Nos.	0.000	0.008	0.008	“do”
-	Field days	2 Nos.	0.000	0.008	0.008	“do”
-	On-farm trials	1 Nos.	0.000	0.005	0.005	“do”
-	Supply of seedlings	1000 acres	0.000	0.030	0.030	Supply as per demand
3	Vegetables					
-	Farmers training	197 HH	0.000	0.015	0.015	Cost borne by Dzongkhag
-	Demonstration	3 Nos.	0.000	0.008	0.008	“do”
-	Field days	3 Nos.	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Supply of seeds	20 Acres	0.000	0.015	0.015	Supply as per demand
4	Pear					
-	Farmers training	103 HH	0.000	0.011	0.011	Cost borne by Dzongkhag
-	Demonstration	2 Nos.	0.000	0.008	0.008	“do”
-	Field days	2 Nos.	0.000	0.008	0.008	“do”
-	Improved seedlings	1000 Nos.	0.000	0.030	0.030	Supply as per demand
5	Asparagus					
-	Farmers training	141 HH	0.000	0.015	0.015	Cost borne by Dzongkhag
-	Demonstration	2 Nos	0.000	0.008	0.008	“do”
-	Field days	2 Nos	0.000	0.008	0.008	“do”
-	On-farm trials	2 Nos.	0.000	0.008	0.008	“do”
-	Supply of seedlings	1500 Nos.	0.000	0.040	0.040	Supply as per demand
6	Mushroom					
-	Farmers training	94 HH	0.000	0.010	0.010	Cost borne by Dzongkhag
-	Demonstration	2 Nos	0.000	0.008	0.008	“do”
-	Field days	2 Nos	0.000	0.008	0.008	“do”
	Sub-total		0.000	0.333	0.333	
c	Farm infrastructure and mechanization					
1	Irrigation channel					
-	Rehabilitation	6 km	0.000	0.800	0.800	
-	Put right activity	6 km	0.000	0.000	0.000	
2	Farm road construction	10.5 km	0.000	1.600	1.600	
3	Drainage of marshy land	0.3 KM	0.000	0.015	0.015	
4	Farm machines and tools					The farmers will bear the

-	Power tillers	10 HH				subsidized costs of these machines and tools
-	Rice Huller	3 HH				
-	Oil expeller	3 HH				
-	Power sprayer	20 HH				
	Sub-total		0.000	2.415	2.415	
d	Farmers Study tours & training					
1	Crops development					
-	Study tour within Dzongkhag	150 HH	0.000	0.000	0.000	Cost borne by Dzongkhag “do”
-	Study tour to other Dzongkhag	60 HH	0.000	0.000	0.000	
2	Water/Road Users Associations					
-	Study tour within Dzongkhags	3 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag “do”
-	Training (Banking & accounts)	6 Nos	0.000	0.000	0.000	
	Sub-total		0.000	0.000	0.000	
	Total (Agriculture)		0.000	2.936	2.936	
II.	Livestock programs					
a	Breed improvement activities		0.000	0.000	0.000	
1	Supply of breeding bulls		0.000	0.000	0.000	
-	Mithun bulls	3 Nos.	0.000	0.000	0.000	Full cost borne by farmers Cost borne by Dzongkhag
-	AI Mithun & Jersey		0.000	0.000	0.000	
-	Pullets	500 Nos.	0.000	0.000	0.000	Farmers to pay full cost
-	Piglets	500 Nos.	0.000	0.000	0.000	Farmers to pay full cost
2	General pasture development	5 Acres	0.000	0.000	0.000	Cost borne by Dzongkhag
-	Fodder tree seedlings	1500 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag
-	Feed Improvement Trial	10 Acres	0.000	0.000	0.000	“do”
-	Pilot Fodder plot	5 Acres	0.000	0.000	0.000	“do”
	Sub-total		0.000	0.000	0.000	
b	Animal health					
1	Training of VAHW	3 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag
2	Animal health services		0.000	0.000	0.000	
-	Vaccination	6000 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag
-	Sterilization	850 Nos.	0.000	0.000	0.000	“do”
-	Deworming	4500 Nos.	0.000	0.000	0.000	“do”
-	Ecto-parasite control	2000 Nos.	0.000	0.000	0.000	“do”
	Sub-total		0.000	0.000	0.000	
c	Farmers study and training					
1	Farmers training					
-	Dairy	50 Nos.	0.000	0.025	0.025	Cost borne by Dzongkhag
-	Piggery	50 Nos.	0.000	0.025	0.025	Cost borne by Dzongkhag
-	Poultry	50 Nos.	0.000	0.025	0.025	Cost borne by Dzongkhag
-	Pasture management	50 Nos.	0.000	0.025	0.025	Cost borne by Dzongkhag
2	Study tour	50 Nos.	0.000	0.025	0.025	To other Dzongkhags
3	Cattle show	1 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag
4	AI Centre construction	1 Nos.	0.000	0.010	0.010	“do”

	Sub-total		0.000	0.135	0.135	
d	Establishment of backyard farms					
1	Dairy	20 Nos.	0.000	0.000	0.000	Cost borne by Dzongkhag "do" "do"
2	Poultry	5 Nos.	0.000	0.000	0.000	
3	Piggery	10 Nos.	0.000	0.000	0.000	
	Sub-total		0.000	0.000	0.000	
	Total (Livestock)		0.000	0.135	0.135	
III	Forestry Programs					
a	Community Forestry		0.000	0.100	0.100	Fencing & management Plans
b	Forest fire management		0.000			
-	Purchase of equipment	1 set	0.000	0.060	0.060	For fire fighting
-	Identification of Mesungpa	1 Nos.	0.000	0.000	0.000	
d	Farmers training	200 Nos.	0.000	0.300	0.300	
	Total (forestry)		0.000	0.460	0.460	
IV	Health programs					
a	Construction of new RWSS	1 Nos.	0.000	0.330	0.330	Will benefit 11 HH
B	Rehabilitation of RWSS	5 Nos.	0.000	0.610	0.610	
C	Water source Protection	10 Nos.	0.000	0.160	0.160	
D	HRD Village level training	8 Groups	0.000	0.000	0.000	
	Total (health)		0.000	1.100	1.100	
V	Education programs					
A	Thinleygang Primary School		0.000	2.160	2.160	New construction
B	Tahogang Primary School		0.000	1.060	1.060	
C	Hongtsho Community School		0.000	1.060	1.060	
D	Sertokha Community School		0.000	0.900	0.900	New construction In Thinleygang PS & 5 new CS
E	Chilikha Community School		0.000	1.060	1.060	
F	Non-formal education centre	5 Nos.	0.000	0.000	0.000	
	Total (education)		0.000	6.240	6.240	
VI	Roads programs					
A	Const. of Suspension Bridges	2 Nos.	0.000	1.900	1.900	Churu Zam & Serto Zam- 70 HH Chana Zam & Dothanka Zam-110HH
B	Maintenance of suspension bridge	2 Nos.	0.000	0.100	0.100	
	Total (roads)		0.000	2.000	2.000	
VII	Gewog administration					
A	Gups office					
-	Renovation of Gup's office		0.000	0.100	0.100	
-	Office equipment and Furniture		0.000	0.200	0.200	
-	Maintenance of equipment/stationary		0.418	0.000	0.418	
-	Training of GYT members		0.000	0.500	0.500	
-	Purchase of Pazaap items		0.000	0.300	0.300	
-	Gup's salary		0.240	0.000	0.240	
	Total Gewog Admn.		0.658	1.100	1.758	
	Grand Total		0.658	13.971	14.629	

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.