

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



**TRASHIYANGTSE DZONGKHAG
ROYAL GOVERNMENT OF BHUTAN**

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1 Current Situation

Toetsho Gewog consists of 23 villages and 486 households, covering an area of around 47.2 square kilometers. It is bordered by Arunachal Pradesh of India in the north and east and Khamdang Gewog in the west.

Paddy, maize, wheat, and buckwheat are the major crops grown in the gewog. Orange is grown in a limited quantity although the gewog has good potential to grow citrus fruits and potato for cash income generation.

Toetsho Gewog has two primary schools (one under construction) and one lower secondary school. Almost all the households have access to schooling facilities. But the existing schools are still far for more than 45 households. Many of the children from these communities walk more than two hours a day to the school, which hamper their performance in the school. The GPER for the Gewog is estimated at 50% and the Pre Primary intake rate at 75% indicating that almost half the children population is still required to be enrolled.

One Basic Health Unit (BHU) and four Out Reach Clinics (ORC) render basic health services in the gewog. The gewog has one Renewable Natural Resource (RNR) Center which delivers RNR extension services in the gewog.

Major land use pattern in the Gewog

Land Use Types	Land Record Data (Registered)Acres	Land Use data (LUPS)Acres)Acres
Chhuzhing (wetland)	155	695
Kamzhing (dry land)	635	1143
Pangzhing (grass fallow land)	347	
Tseri (shifting cultivation)	108	148
Mixed	-	508
Orchard	-	
Tsamdrog (registered grazing land)	351	
<i>Sokshing (leaf litter plot)</i>	151	
Forest		
Coniferous (pine)	-	310
Broad leaf	-	4828
Plantation	-	
Scrub Forest	-	1248
<i>Pasture (Natural)</i>	-	2908
Settlements	-	5
Others	-	18
Total	1747	11,811

Major crops grown in Toetsho Gewog

Sl. #	Major crops	Average Yield	Acreage	Production in MT
1	Paddy	1.49	164	245
2	Maize	0.974	432	420.76
3	Wheat		<5	18
4	Buckwheat		<5	1
5	Barely		<5	40
6	Potato			49
7	Orange			37
8	Millet	0.801	58	46.57
9	Soybeans/legumes			25
Total				

Livestock Population

Sl. #	Type of livestock	Number
1	<i>Local Cattle</i>	994
2	<i>Mithun Cross</i>	270
3	<i>Jersey Cross</i>	110
4	<i>Local Pigs</i>	311
5	<i>Improved Pigs</i>	50
6	<i>Local Poultry</i>	600
7	<i>Improved Poultry</i>	300
	2635	

2 Geog Plan Outlay

Nu. in million

S. #	Sectors	Rec.	Cap.	Tot.	Remarks
1	Agriculture Program	0.000	3.333	3.333	
2	Livestock Program	0.000	0.748	0.748	
3	Forestry Program	0.000	0.180	0.180	
4	Education Program	0.000	2.880	2.880	
5	Health Program	0.000	2.264	2.264	
6	Suspension Bridge & Mule Track Program	0.000	0.260	0.260	
7	Geog Administration Program	0.370	2.830	3.200	
	Geog Grand Total	0.370	12.495	12.865	

3 Gewog Development Programs

Agriculture Programs

a) Cereal Crop Development activities

The people of Toetsho Gewog has identified rice and maize as priority cereal crops for their Gewog during the Ninth Plan. Accordingly, the government will provide farmers training, conduct demonstration and trials, observe field days and supply improved varieties of seeds for enhancing and improving the production of these cereal crops.

b) Horticulture Development Program

Considering the potentials, the people of Toetsho Gewog has identified orange, mango, walnut, vegetable and mushroom as priority cash crops for their Gewog during the Ninth Plan. To improve production of these crops, the Dzongkhag has been requested to provide farmers training on horticulture development and management, conduct demonstration and trials and provide improved varieties of seed and seedlings.

c) Construction of new irrigation channels

One new irrigation channel measuring about two kilometers in length shall be constructed at Khatshang to benefit 30 households and irrigate 60 acres of land during the Ninth Plan.

d) Renovation of Irrigation channel

The existing Yimrongri irrigation channel, with a length of 1.5 KM and beneficiaries of 60 households and 30 acres of land, shall be renovated during the Ninth Plan.

Livestock Programs

a) General activities under the RNR Sector

The farming inputs such as improved seeds, fertilizers, pesticides, tools and farming machinery shall continue to be supplied on payment through the commission agents. The breeding animals shall be made available on full payment or subsidy (as may be decided by the Government) to farmers. The cost of transportation of breeding animals till the nearest road point shall be borne by the government through the concerned sector.

The RNR Sector shall continue to provide training to progressive farmers in farming technologies, pest management, livestock (backyard units) rearing and animal health services shall be provided.

The Bhutan Development Finance Corporation (BDFC), through its outlet in the Dzongkhag, shall continue to make credit available for all farming related credit needs of the farmers.

Forestry Programs

a) Creation of Private Forestry

Even though most people do not have surplus registered land to create private forestry, about a dozen farmers have shown interest in private forestry. Dzongkhag Forestry officers shall help prospective farmers to survey and layout plantation of private forest. At least 13,600 seedlings of appropriate species will be raised and supplied to the farmers to cover 20 acres.

b) Community Forestry plantations

The Gewog has a target of creating 20 acres of community forestry. The Dzongkhag Forestry Extension Sector shall conduct the survey of possible community plantation area, identify and mobilize the stakeholder community for community plantations. A minimum of 10 households with 10 acres or more will be eligible to get government support for community plantation.

Two suitable sites shall be identified and fenced with barbed wire. At least 13,600 seedlings shall be raised and distributed for the community plantation. The Forestry Sector shall assist the community(ies) in planning, planting, weeding and general management of the plantations.

Education Programs

a) Establishment of new Manam Community School

One new community school has been proposed at Manam to bring the educational facilities closer to the community for better coverage and to meet UPE by 2007. The school will benefit more than 47 households in the Gewog.

b) Infrastructure development at Jangphutse Community Primary School

Jangphutse Community Primary School is proposed for renovation and expansion to accommodate at least 400 children from Class PP-VI in the Gewog. Construction of science cum library rooms shall be taken up during the Ninth Plan.

c) Infrastructure development at Tshanphuchen Community School

The new community school at Tshanphuchen, which is under construction, shall be expanded to accommodate at least 500 children during the Ninth Plan. After they graduate Class VI, students shall move to Kheni Lower Secondary School.

Health Programs

a) Construction and renovation of Out Reach Clinic (ORC) Sheds

The Gewog has proposed one ORC shed for Omba village during the Ninth Plan. The existing ORC sheds of Manam, Chemkhar, Jangphutse and Sep shall also be renovated by the concerned beneficiary/communities during the Ninth Plan.

b) Construction of Rural Water Supply Scheme (RWSS)

The Gewog has proposed eight new drinking water supply schemes for Murshing, Darchen Lhaxhang, Pangthang Gonpa, Braktsa, Tokshing & Pangthang, Bagora, Jalamwog and Manewa villages. The beneficiaries shall contribute unskilled labour and the Dzongkhag shall be requested to provide materials and skilled labour.

c) Rehabilitation of RWSS

Nine existing RWSS constructed in the early 1980s are proposed for rehabilitation to provide reliable safe drinking water to the people.

Suspension Bridge and Mule Track Programs

a) Construction of Mule Track

About six kilometers of mule track is proposed to be constructed from Sep to Omba Ney during the Ninth Plan. Omba Ney has recently become popular because of existence of sacred rock meditation cave. As more and more pilgrims are visiting and taking arduous journey, the Gewog intends to construct a proper mule track.

b) Renovation of Mule Tracks

About 40 Km of existing mule track is proposed for improvement to make it user friendly.

Gewog Administration Programs

a) Construction of Gup's Office

As Ramjar Gewog does not have a proper office for the Gup to carry out developmental and administrative works, the people of the Gewog has accorded high priority to construct a Gup's Office during the Ninth Plan.

b) Renovation of Lhakhangs

As the Jangphutse Lhaxhang, which is venerated by the people of Toetsho, is in dilapidated condition due to old age, the community has proposed to repair it during the Ninth Plan. The community will contribute unskilled labour and the government shall be requested to provide materials and skilled labour.

4 Budget Estimate

Nu. in million

Sl. #	Activities	Unit	Target	Budget			Remarks
				Rec.	Cap.	Total	
1	Crop Improvement Program						
A	Rice Development Activities:						
a	Farmers Training	HH	150	0.000	0.150	0.150	
b	Supply of Improved seed	Kg.	2,000	0.000	0.050	0.050	
c	Demonstration	No.	5	0.000	0.035	0.035	
d	Field Day	No.	5	0.000	0.035	0.035	
e	On-Farm-Trials	No.	3	0.000	0.021	0.021	
	Sub-total			0.000	0.291	0.291	
B	Maize Development Activities:						
a	Farmers Training	HH	120	0.000	0.120	0.120	
b	Supply of Improved seed	Kg.	2,000	0.000	0.090	0.090	
c	Demonstration	No.	7	0.000	0.049	0.049	
d	Field Day	No.	5	0.000	0.035	0.035	
e	On-Farm-Trials	No.	4	0.000	0.028	0.028	
	Sub-total			0.000	0.322	0.322	
2	Horticulture Development						
A	Mango Development Activities:						
a	Farmers Training	HH	80	0.000	0.080	0.080	
b	Demonstration	No.	5	0.000	0.035	0.035	
c	On-farm-Trials	No.	8	0.000	0.056	0.056	
d	Supply of Seedlings	No.	1,600	0.000	0.050	0.050	
	Sub-total			0.000	0.0221	0.0221	
B	Walnut Development Activities:						
a	Farmers Training	HH	80	0.000	0.080	0.080	
b	Supply of Seedling	No.	1,500	0.000	0.050	0.050	
c	Demonstration	No.	3	0.000	0.021	0.021	
	Sub-total			0.000	0.151	0.151	
C	Orange Development Activities:						
a	Farmers Training	HH	80	0.000	0.080	0.080	
b	Supply of Seedlings	No.	1,600	0.000	0.050	0.050	
c	Demonstration	No.	5	0.000	0.035	0.035	
d	On-Farm-Trials	No.	8	0.000	0.056	0.056	
	Sub-total			0.000	0.0221	0.221	
3	Mushroom Dev. Activities:						
a	Farmers Training	HH	50	0.000	0.050	0.050	
b	Supply of Seedling	No.	1,000	0.000	0.080	0.080	
c	Demonstration	No.	2	0.000	0.014	0.014	
	Sub-total			0.000	0.144	0.144	

4	Kitchen Garden Activities:						
A	Farmers Training	HH	100	0.000	0.100	0.100	
B	Supply of Seeds	Pkts.	1,500	0.000	0.030	0.030	
C	Demonstration	No.	7	0.000	0.049	0.049	
D	Show	No.	1	0.000	0.050	0.050	
	Sub-total			0.000	0.229	0.229	
5	Farmers Association						
a	Crop Protection Group	No.	1	0.000	0.050	0.050	
b	Mushroom Association	No.	1	0.000	0.050	0.050	
c	Training	No.	60	0.000	0.180	0.180	
	Sub-total			0.000	0.280	0.280	
6	Irrigation Development Program:						
a	Construction of new Irrigation Channel	Km	2	0.000	0.900	0.900	
b	Renovation of old Irrigation Channel	Km	2	0.000	0.574	0.574	
	Sub-total			0.000	1.474	1.474	
	Agriculture Total			0.000	3.333	3.333	
7	Livestock Breed Improvement Activities :						
a	Supply of Mithun Bulls	No.	1	0.000	0.011	0.011	Pangoen
b	Supply of Jersey Bulls	No.	1	0.000	0.042	0.042	Khoblakhar
c	Supply of Brown Swiss Bulls	No.	1	0.000	0.030	0.030	Nangkhar
	Sub-total			0.000	0.083	0.083	
8	Animal Health Program :						
a	Vaccination, Deworming, clinical cases, sterilization, etc.			0.000	0.150	0.150	
	Sub-total			0.000	0.150	0.150	
9	Farmers Study Tour	No.		0.000	0.180	0.180	
	Sub-total			0.000	0.180	0.180	
10	Farmers Training	No.		0.000	0.270	0.270	Training on Poultry, Piggery & Dairy Management.
	Sub-total			0.000	0.270	0.270	
11	Establishment of Backyard Farms			0.000	0.065	0.065	Poultry & Piggery
	Sub-total			0.000	0.065	0.065	
	Livestock Total			0.000	0.748	0.748	
12	Private Forestry Activities	Acre	20	0.000	0.040	0.040	
13	Community Forestry Activities	Acre	20	0.000	0.140	0.140	Seedling & Fencing.
	Sub-total			0.000	0.180	0.180	
	Forestry Total			0.000	0.180	0.180	

14	Construction of Manam new Community School :						
a	Academic Block	No.	1	0.000	0.300	0.300	
b	Two-Unit Teachers Quarter	Unit	2	0.000	0.200	0.200	
c	Furniture & Office Equipment			0.000	0.080	0.080	
d	Purchase of Library			0.000	0.200	0.200	
e	Water Supply	No.	1	0.000	0.200	0.200	
f	Library & Store Room	No.	1	0.000	0.200	0.200	
	Sub-total			0.000	1.180	1.180	
15	Construction of Tshangphu-chen new Community School						
a	Water Supply			0.000	0.200	0.200	
b	Purchase of Library			0.000	0.200	0.200	
c	Library & Store Room	No.	1	0.000	0.200	0.200	
	Sub-total			0.000	0.600	0.600	
16	Consolidation of Jangphutse Community Primary School :						
a	Water Supply	No.	1	0.000	0.200	0.200	
b	Purchase of Library			0.000	0.200	0.200	
c	Constn. of Add. Classroom	No.	1	0.000	0.500	0.500	
d	Library & Store Room	No.	1	0.000	0.200	0.200	
	Sub-total			0.000	1.100	1.100	
	Education Total			0.000	2.880	2.880	
17	Health Activities:						
a	Construction of ORC	No.	1	0.000	0.110	0.110	
b	Constn. Of new Rural Water Supply Schemes (RWSS)	No.	8	0.000	1.056	1.056	
d	Rehabilitation of RWSS	No.	9	0.000	1.098	1.098	
	Health Total			0.000	2.264	2.264	
18	Mule Track Program:						
a	Constn. of new Mule Track	Km	6	0.000	0.060	0.060	
b	Maintenance of Mule Track	Km	40	0.000	0.200	0.200	
	Sub-total			0.000	0.260	0.260	
	Suspension Bridge & Mule Track Total			0.000	0.260	0.260	
19	Geog Administration Program:						
a	Construction of Gup's Office	No.	1	0.000	1.000	1.000	
b	Office Equipment			0.000	0.030	0.030	
c	Office Stationery			0.050	0.000	0.050	
d	Furniture			0.000	0.100	0.100	
e	Renovation of Lhakhangs	No.	1	0.000	1.700	1.700	
f	GYT Expenses			0.050	0.000	0.050	
g	Establishment Cost			0.270	0.000	0.270	
	Geog Adm. Total			0.370	2.830	3.200	
	Geog Grand Total			0.370	12.495	12.865	

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 geog development activities. The clear delineation of implementation time frames, responsibilities and contributions from the community should be developed for the effective implementation of geog 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 geog 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 geog 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 Geog 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 Geog 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 geog so that the performance of the Geog staff can be monitored.

Evaluation

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