

Minutes of the proceedings of the meeting held on 15.02.10 at 2:00 PM at Unatti Hall, Krishi Bhavan, Ministry of Rural Development, New Delhi on GIS

Participants:

- 1) Joint Secretary (Mahatma Gandhi NREGA), MoRD
- 2) Director, Mahatma Gandhi NREGA, MoRD
- 3) Technical Director, NIC
- 4) Resource Person (list enclosed as annexure-1)
- 5) State official and representatives of States (list enclosed as annexure-1)

State representatives and the resource persons were requested to give a brief presentation on the use of GIS under Mahatma Gandhi NREGA to prepare a strategy and evolve parameters for standardization with an objective to link GIS with planning, labour budget and monitoring.

Gujarat:

The presentation was started first by the State Government of Gujarat. It was stated that GIS should be used for planning and monitoring of MGNREGS works for generation of social capital and employment, mapping the area and understanding the demographic profile, economic status of the stakeholders and capturing the existing assets, current coverage of the area and generation of future action plan.

It was intimated that the GIS data was collected with different sources like Agriculture Department, Revenue Department, Forest Department, Department of RD, Bureau of Economic and Statistics and various line departments to form GIS spatial layers.

A GIS framework was also suggested for the monitoring and impact assessment of the programme. Different action plan parameters were also suggested by the State.

Some of the other suggestions made were as follows:

- Monitoring & Evaluation model:

Creation of Web based GIS monitoring system at village level using e-Gram facilities; Use of Mobile based software for updating the Geo-spatial database; Integrating with MGNREGA-MIS system; Summarised

and specialized spatial reports for different hierarchies; Annual satellite images (CARTOSAT Imagery) to assess the outcome; Monitoring System output will become input data for next annual action plan.

- Functional Structure:
 - There should be dedicated team at State, District and Block level supported by the technical resources (hardware and software).
- Financial Implications:
 - State Level GIS Unit – Rs. 5 crore (Initial) and Rs. 1 Crore Recurring Cost Per annum.
 - District Level GIS Unit – Rs. 25 Lakh (Initial) and Rs. 5 Lakh Recurring Cost Per annum
 - Taluka Level GIS Unit - Rs. 5 Lakh and Rs. 1 Lakh Recurring Cost Per annum

It was also stated that there will be a need of capacity building at village level employees, Technical assistance to field engineers/Talati-cum-Mantri for better data collection. Exposure visit of different stakeholders to best managed projects

West Bengal:

State has taken some initiative in the use of GIS under PMGSY and using geo referenced maps for improved spatial planning and monitoring. Some snapshots of the GIS application were shown. State also stressed on the use of mobile services in place of internet connectivity for taking attendance and wage payments.

Sikkim:

State shared the initiative taken for GIS based monitoring system and Asset management system. It was shared that GIS Base Maps prepared upto Sub-Panchayat level in 2008, Maps prepared using 1:25000 SOI Toposheets, GIS Platform using latest software and hardware used, Terrain features over-layered from NASA maps, Integrated with Socio Economic Data from DESME Census 2006 and Census of India-2001, will facilitate targeting the backward areas, rural planning and livelihood interventions. State also shared the use of Mobile-SMSs for monitoring the progress of MGNREGA.

Dr. Ravi Chopra, Director, People's Science Institute, suggested following:

- Need to create one integrated system for rural development planning and monitoring
- Standardize formats and systems for collection, collation and updation of data
- The system should be created in a layered manner from block, district, state and nation.
- Planning and monitoring at village and panchayat level should be done using GIS tool.

Dr. P Nag, Director, NATMO

- Informed that NATMO has been preparing maps at different scales which can be used under the programme. These maps can be helpful in taking broad decisions regarding planning and development. Spatial data regarding planning and development can be developed in GIS frame.

Dr. Madhav Rao, Head C-GARD, NIRD

- Suggested that GIS should be used under MGNREGA for participatory planning and preparing village level plans.
- Geoinformatics based monitoring and evaluation should be done under the programme.

Action Required

1. Resource persons and the States who have taken some initiative under the use of GIS were requested to build a strategy and an enabling framework for all States to use GIS under Mahatma Gandhi NREGA.
2. All the presentations given during the workshop to be uploaded on the Mahatma Gandhi NREGA website.

List of Participants

S N o	Resource person / State	Name	Designation	Contact details
1.	Resource person	Dr. Ravi Chopra	Director People's Science Institute, Dehradun	0135-2760211
2.	Resource person	Dr. V Madhava Rao, Dr Suresh Babu	Registrar & DG- NIRD Head, C-GARD NIRD, HYDERABAD	98488992616
3.	Resource person	Dr. A. K. Singh	Director, LR	011-23062456
4.	Resource person	Dr. P Nag	NATMO :The Director, National Atlas & Thematic Mapping Organisation, Govt. of India,	9433366764
5.	Resource person	Ms Madhuri Sharma	NIC	
6.	Gujarat	Mrs Rita Teatota	Commissioner cum Principal Secretary	
7.	Karnataka	Mr Ravi Kumar	Secretary, Rural Development	
8.	Haryana	Dr. Saket Kumar,	Additional Deputy commissioner cum CEO	09991282202
9.	Uttar Pradesh	Mr Sanjeev Kumar Mr Rohit Kr	Commissioner RD UPDESCO	9838446622
10	West Bengal	Mr Subro chakraborty	Programme officer	9007198960
11	Sikkim	Mr Tulsi Nepali		
12	Tripura	Mr Gope	MIS nodal officer	
13	Orissa	Mr. Samul	Panchayati Raj Deptt, Orissa	
14	Bihar	Mr Salesh kr	MIS nodal officer	9431432962
15	Kerala			
16	Jharkhand	Mr Dk Dass	OSD, NREGA	9471161019
17	Chattisgarh	Mr Vivek Thakur	Training expert, NREGA	9425555109
18	Rajasthan	Mr Sashikant		9414332301
19	Uttarakhand	Mr. Arun K Rajput		9412939946
20	Punjab	Mr Tej pal		9417078519