

Case Study on Participatory Scientific Watershed Management in Gujarat State

Teaching Notes

This is an innovative watershed management taken up by the Government of Gujarat in a scientific manner to have convergence of resources and synergy from various stakeholders. The Government of Gujarat in this regard has pooled together different components from various govt. schemes and programmes such as Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), Backward Region Grant Fund (BRGF), Tribal Area Sub Plan (TASP), Swarnajayanti Gram Swarajgar Yojana (SGSY), National Horticulture Mission, Bamboo Mission and Drinking Water Security Scheme by WASMO (Water and Sanitation Management Organization).

The convergence of resources has covered entry point activities, watershed works and livelihood.

- Entry point activities cover seven items namely : (i) Drinking Water Facilities, (ii) Roof Rain Water Harvesting Structure, (iii) Drainage Systems – Sanitation, (iv) Culverts, (v) Non-conventional Energy Sources, (vi) Cattle Trough and (vii) Veterinary Health Camps,
- Watershed activities cover 11 items namely : (i) Staggered Contour trench, (ii) Continuous Contour Trench, (iii) Waste-weir for field outlet, (iv) Land Leveling, (v) Farm Bund, (vi) Gully Plug, (vii) Nala Plug, (viii) Stone Bunding, (ix) Gabion Structure, (x) Protection Wall and (xi) Afforestation/Plantation whereas
- livelihood activities cover 7 items namely : (i) Agriculture Activities, (ii) Agro-Processing Activities, (iii) Promotion of Traditional Handicraft, (iv) Alternative Livelihood Activities, (v) Micro Irrigation System, (vi) Establishing linkages and (vii) Dairy Development Activities.

The project is implemented through 10520 village watershed committees. The Government has also planned scaling up of the innovation during XII plan to cover another 1842 micro watersheds.

Deliberate under three groups i.e. Entry Point Activities, Watershed Works and Livelihood on replicability of the above innovation among other states of India from two angles:

1. Who can be the other stakeholders involved in implementation and in what manner they can contribute?
2. What other resources could be mobilized for the project implementation?
3. What additional items can be added in the identified group of activities?

