

Project Summary

Projekt Background

This project builds on the success of the previous 5-year project 'Rural Infrastructure and Vocational Training'

The four components are:

- Renewable energy in rural areas
- Vocational education and qualification
- Protection against erosion
- Sustainable operation of small hydropower plants

Project Objectives

The overall objectives are to improve the working and living conditions of the rural population involved in Tibet and to increase their incomes. The respective component objectives are:

- The public authorities take energy saving building methods with solar space heating into consideration for their investments in construction and restoration of school buildings;
- To cover the acute and foreseeable demand for skilled workers and to support the vocational education system with the necessary processes for the organisation and method development;
- To expand the competence of the Erosion Control Bureau (ECB) through international networks and to realise a concept on the practical level which combines reforestation with protection against erosion at small hydropower plant sites;
- To decentralise the functions of the Water Conservancy Department (WCD) and to make the benefits to private businesses more effective.

Project Activities

The activities for the four components include:

- Renewable energy in rural areas:

Development of concepts for energy efficient school buildings with solar space heating including design and insulation measures for new and restored buildings; pilot testing and monitoring of concepts in up to 6 schools for 1 year and evaluation of results in the form of cost-benefit analyses; introduction and discussion of the results in a workshop with the inclusion of international firms.

- Vocational education and qualification:

Support of vocational education institutions in the further education and training of youths and adults and in the organisation and method development.

- Protection against erosion:

Support of WCD/ECB in the implementation of reforestation and erosion protection measures and in the expansion of their competence.

- Sustainable operation of small hydropower plants:

Transfer of activities from WCD to the provincial administrations; introduction of private operator model at all sites and an advice service for the productive use of electricity; creation of an intranet supported database and consulting, maintenance and services teams at the provincial level.

Services Provided

- Technical Assistance and Advisory Services
- Conducting of village surveys, household surveys (on an annual basis), baseline surveys
- Promotion of energy saving building methods
- Support to improve training and education of skilled workers
- Dissemination of private-based operator model for small hydropower plants
- Community Development
- Project Management

PR China (A.R. Tibet)

Renewable Energy, Rural Development and Qualification in Tibet

Client

German Agency for Technical Cooperation (GTZ)

Duration

11/2006 - 10/2010

Personnel

- 2 internat. LTE (40 PM)
- 3 national LTE (144 PM)
- pool of internat. STE (58 PM)
- pool of national STE (28 PM)

