Project Summary

Project Background
Pakistan possesses a vast hydro power potential. Only about 15% of this potential (6500 MW) has been harnessed so far, mainly through large integrated schemes. In the future the Pakistani Government will also support the construction of smaller hydropower stations, especially the northern part of Pakistan and if these are suitable for community based development.

Project Objectives
Under the overall goal to develop small hydropower, the project pursued four results:
• Capacity building in the Ministry of Water & Power to plan and coordinate national hydropower development;
• Improvement of capacities for planning and implementation on provincial, regional and local level;
• Capacity building in training institutes relevant to hydropower development;
• Planning and implementation of selected (pilot) small hydropower stations.

Project Activities
Activities included capacity building as well as promotional activities, as follows:
• 9 training workshops and seminars;
• Website on hydropower in Pakistan (www.pakhydro.com);
• Developing criteria for ranking of raw hydropower sites;
• Ranking study covering a pipeline of 38 potentials > 50 MW;
• 7 examination reports on existing feasibility studies;
• Guideline for private sector participation in hydropower development;
• Guideline for selection and monitoring of local consultants for small and medium size hydropower projects;
• Report on socio-economic and environmental aspects of hydropower development.

Implementation Features
The project responded to the needs and requests from stakeholders on several levels (national, regional, local government) as well as private sector investors and users.

Services Provided
• Training seminars and workshops
• Website and documentation
• Ranking criteria and study (38 sites)
• Promotion for hydropower development
• 7 examination reports on FS

Pakistan
National Program for the Promotion of Hydropower

Client
German Agency for Technical Cooperation (GTZ)

Duration
08/2003 - 07/2006

Personnel
• 1 int. LTE, energy specialist (team leader)
• 2 national LTE, hydropower engineers
• 27 PM international KZE
• 15 PM national KZE