Project Summary

Project Background
Under its 'Pakistan Hindukush Programme (PHP)', SDC in April 2011 signed a financing agreement with Aga Khan Rural Support Programme (AKRSP) to implement 'Water and Energy Security through Microhydel Project' in Chitral, KPK. The objective of PHP is socio-economic development of the respective communities through provision of electricity for domestic purposes and utilization of energy for community based rural enterprises. The project's layout included building of two MHPs in the villages of Pawoor and Raman Harchin in Yarkhun and Laspur valleys of Upper Chitral.

Project Objectives
A specific objective was to assess project results (Outcomes) — whether the project is on track to deliver the expected project outputs, objectives and stated results. This included physical and financial progress, performance and achievements against project targets, and factors and processes limiting the achievement of results. As this was a project still under implementation, the review provided best estimates on the likely realization of project outcomes and objectives, such as intended social, economic and environmental services; equitable sharing of benefits among all the beneficiaries, including households, especially women and children.

The second key objective was to assess project sustainability. It included assessing the relevance and appropriateness of project's technical design, the quality and durability of the electromechanical equipment, and the civil works; financial resources and revenue streams to pay for O&M costs, and participatory and cost-benefit sharing systems and institutional arrangement that are likely to sustain the Project Outcomes beyond project completion and commissioning.

A third objective was to look at the evolving context of Chitral and the wider region and evaluate the scope and prospects for extending and/or upgrading rural electrification by means of similar micro initiatives and to identify opportunities for institutional reforms, scaling and integration of community-level energy initiatives with larger government and private sector plans. To this purpose the study was asked to map current trends in MHP development in Chitral and Malakhand Division.

Project Results
The review provided a comprehensive assessment of the relevance, effectiveness, efficiency, sustainability, and cost-effectiveness of the project design, planning and implementation, in relation to local context, objectives and outcomes. Specifically, the review assessed implementation performance and results, factors affecting achievement of these results, and sustainability of project outcomes. It also traced the evolution of MHPs in Chitral in terms of institutional systems, technology development and financing, ownership and business models, as well as future potential.

Services Provided
- Monitoring of progresses on site
- Supervision of construction of civil and Hydro-Mechanical/ Electro-Mechanical works
- Supervision of Manufacture of equipment
- Certification of contractor's Measurement
- Certification of contractor's payments
- Management of contractor’s claims
- Assurance of quality control
- Reporting to PHYDO

Pakistan

External Review of Water and Energy Security through Microhydel (MHP)

Client
Swiss Agency for Development and Cooperation (SDC)

Duration
04/2014 - 05/2014

Personnel
- 1 internat. STE (1 PM, Hydro-power Expert)
- 1 national STE (1 PM)