

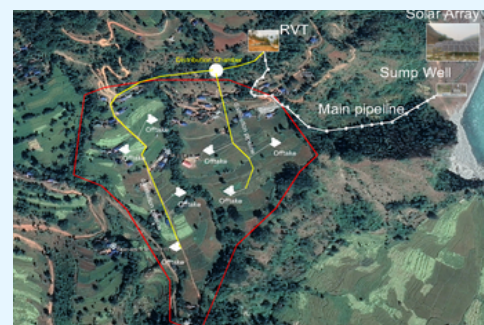
Developing Climate Resilient Livelihoods in the Vulnerable Watershed in Nepal (DCRL)



Kuibhir Lifting Irrigation Scheme

Kuibhir is a drought-prone area situated in the lowland along the banks of the Dudhkoshi River. It receives minimal annual rainfall and lacks any established irrigation systems. As a result, the area suffers from low agricultural productivity.

The only viable solution for irrigation in the region is to lift water from the Dudhkoshi River using either solar power or electricity. To address this issue, the Developing Climate Resilient Livelihoods in the Vulnerable Watershed in Nepal (DCRL) project, in collaboration with local government authorities and the community, initiated the construction of a Kuibhir Lifting Irrigation Scheme.



Introduction

The Kuibhir Lifting Irrigation Scheme has been constructed in Kuibhir, Ward No. 1 of Chisankhugadhi Rural Municipality with the financial support of GEF, under the DCRL project, implemented by the Government of Nepal, the Department of Forests and Soil Conservation (DoFSC) and UNDP.



Objective

The objective of the scheme is to lift the water from the Dudhkoshi river to irrigate the farmland, enabling cultivation of vegetables and crops to improve the livelihoods of the local community.



Expected Outcome

The scheme is designed to provide irrigation facility to approximately 15 ha of agriculture land during the dry season, enhancing agriculture production and contributing improvement of livelihoods of 45 households, the majority (40 HHs) of whom belong to the marginalized community, the Majhi, along with 5 households from the Indigenous Community.

Budget and Service Provision

The budget of the Kuibhir Lifting Irrigation Scheme in NPR is 12,576,351.41. The construction company will also provide one year of technical support, including after-sales service and a defect liability period, covering any necessary repairs and maintenance to ensure the scheme's sustainable operation.

Sustainable Management

The scheme will be managed by the Kuibhir Lifting Water User Committee, which was officially registered at the Chisankhugadhi Rural Municipality office on March 6, 2025 (Registration No. 41). According to the user committee's constitution, the committee will assume responsibility for the scheme's management, operation, and maintenance after it is handed over, in accordance with its duties and rights, and in close coordination and collaboration with local government authorities and other organizations.

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