Early Warning System

# ADB-49086-001

## Upper Trishuli 1 Hydroelectric Power Project

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### Quick Facts

| | |
|---|---|
| **Countries** | Nepal |
| **Specific Location** | Bhotekosi river, North of Kathmandu |
| **Financial Institutions** | Asian Development Bank (ADB) |
| **Status** | Proposed |
| **Bank Risk Rating** | A |
| **Voting Date** | 2018-08-01 |
| **Borrower** | Nepal Water & Energy Development Company Pvt. Ltd |
| **Sectors** | Energy, Hydropower |
| **Investment Type(s)** | Loan |
| **Investment Amount (USD)** | $ 90.00 million |

## Project Description

According to the ADB document, "the Upper Trishuli-1 Hydropower Project involves the construction and operation of a 216 MW greenfield run-of-the-river hydropower facility located in the Trishuli watershed, 275m downstream of the confluence with the Bhotekosi river, and about 70km north of Kathmandu. The Project consists of a 77m wide diversion dam by which the water will get diverted through a 9.8km long headrace tunnel to an underground power station. The electricity generated will be sold for domestic consumption to the Nepal Electricity Authority (NEA) based on a fixed tariff structure. The 35 year concession will be on a BOOT basis and includes a 5 year construction period."

"The Project will connect to the Chilime–Trishuli transmission line via a 689-metre extension from the Project switchyard. The Project will be accessed via existing public roads, but NWEDC will construct an 11.84-kilometre private road upstream along the river to access the UT-1 dam. The Project design was changed in response to the 2015 earthquake to strengthen its geotechnical
and seismic design, take into account updated climate change forecasts, adjust to changes inlandscape conditions (e.g. landslides), and to optimize engineering aspects of the dam.
The Project will take approximately 5 years to construct and will employ about 1,090 workers."

## Investment Description

- Asian Development Bank (ADB)

## Private Actors Description

Project sponsors:
Daelim Industrial Co. Ltd.
Korea South East Power Company
Kyeryong Construction Industrial Co. Ltd.

| Private Actor 1 | Private Actor 1 Role | Private Actor 1 Sector | Relation | Private Actor 2 | Private Actor 2 Role | Private Actor 2 Sector |
|---|---|---|---|---|---|---|
| - | - | - | - | Environmental Resources Management (ERM) | Contractor | - |
| - | - | - | - | Nepal Water & Energy Development Company Pvt. Ltd | Client | - |

## Contact Information

**Responsible ADB Department** Private Sector Operations Department
**Responsible ADB Division** Infrastructure Finance Division 1
**Responsible ADB Officer** Tang, Sonali

### ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main

**Bank Documents**

- Disaster Management Plan (Draft) - Part 5 of 8 (3.76 MB) [Original Source]
- Employment and Skill Training Plan (Draft) - Part 8 of 8 (1.57 MB) [Original Source]
- Industrial Benefits Plan (Draft) - Part 7 of 8 (775.5 KB) [Original Source]
- Local Benefit Sharing Plan (Draft) - Part 6 of 8 (686.84 KB) [Original Source]
- Part 1 of 8 (5.56 MB) [Original Source]
- Part 2 of 8 (3.84 MB) [Original Source]
- Part 3 of 8 (4.95 MB) [Original Source]
- Project Disclosure PDF [Original Source]
- Stakeholder Engagement Plan and Grievance Redress Mechanism (Draft) - Part 4 of 8 (1.47 MB) [Original Source]

### Other Related Projects

- IFC-35701 Upper Trishuli-1
- WB-P154109 UT1 - Upper Trishuli Hydro Project
- FMO-55588 NEPAL WATER AND ENERGY DEVELOPMENT COMPANY PVT. LTD.