



# CDM Program of Activities for Hydropower Projects in Georgia

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# Background

- ⑩ Georgia is a mountainous country with more than 25000 rivers
- ⑩ Technical production potential: 80 TWh/year (19,5 from SHPPs)
- ⑩ Several villages in Tusheti, Svaneti and Khevsureti are isolated in wintertime and do not have continuous electricity supply
- ⑩ The regions in the slope of the Caucasus range has pristine nature and potential for developing eco-tourism
- ⑩ Local continuous electricity supply will improve the living conditions in rural areas



# 3 year program funded by Norwegian Ministry of Foreign Affairs

- ⑩ *Assistance to development of small greenfield hydropower projects in rural areas of Georgia by setting up a CDM Program of Activities (PoA) and providing manual, tools and templates for a step-by-step project development process*
  
- ⑩ Total budget: 4,5 million NOK (500 000 Euro)
- ⑩ Budget first year: 1 million NOK (110 000 Euro)
- ⑩ Project team
  - ⌘ Norsk Energi: Ann Iren Glimsdal, Eun Joo Yi and Sergei Faschevsky
  - ⌘ Gauldal Consult: Ann-Elin Helseth and Sølvi Eide
  - ⌘ Energy Efficiency Centre Georgia: George Abulashvili and Manana Didiani

*Contribute to sustainable development and improved living conditions in rural areas of Georgia*



# Three main components

Project development  
Manual

CDM Program of  
Activities

Development of a  
pilot project



# Project Development Manual

Covering all aspects of developing SHPPs in Georgia

- ⑩ Technical, legal, financial and environmental
- ⑩ Support and technical assistance which may be provided by local experts, NGOs and foreign aid programs
- ⑩ List of equipment suppliers in Georgia
- ⑩ Financing options, including CDM Program of Activities
  
- ⑩ To be prepared in cooperation with authorities, universities, local experts, EBRD, local banks, foreign aid organisations.
- ⑩ First edition ready by summer to be tested by project developer
- ⑩ Final version to be published in the projects final year



# CDM Program of Activities

## Setting up the framework and preparing templates

- ⑩ Deciding scope of program in cooperation with DNA and other stakeholders
- ⑩ Determining CDM ownership, with EEC as potential candidate
- ⑩ Set criteria for participation in CDM PoA, including method of assessing additionality
- ⑩ Preparing the documentation and templates required by UNFCCC, including monitoring procedures
- ⑩ Prepare contract documents for participation in the CDM PoA
- ⑩ Prepare design document for first SHP taking part in the PoA (the pilot project)



# Developing pilot project

## Preparing technical assistance for implementation of a SHP

- ⑩ Chose pilot project in cooperation with authorities based on several criteria, including dedication of project developer
- ⑩ Cooperate with other organisations for providing assistance to the pilot project and for electrification of the selected village, if necessary
- ⑩ Use of the manual to test its usefulness and need of updating
- ⑩ Provide technical assistance in planning, obtaining financing and implementation
- ⑩ Seek CDM registration of the pilot project together with the CDM PoA
- ⑩ Dissemination of the project result and other outreach activities to promote the possibility for other project developers
- ⑩ Final seminar to present lessons-learned and to train other potential project developers