

Statkraft Policy

As owner of the Çetin Hydropower Project, Statkraft aims to carry out the project activities in accordance with International Finance Corporation (IFC) guidelines and standards. Consultations with all affected parties, environmental management and long-term development are all key elements of this policy.

Stakeholder Dialogue

The Çetin Hydropower Project promotes open dialogues with all project stakeholders as a means of achieving sustainable development in the region. Consultations with local communities and local authorities started with baseline studies and will continue throughout the construction and operation periods of the project. Consultations will be carried out in a culturally acceptable manner and be receptive to local concerns and expectations.



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Statkraft is Europe's leader in renewable energy. The group develops and generates hydropower, wind power, gas power and district heating, and is a major player on the European energy exchanges. Statkraft has 3.300 employees in more than 20 countries.



Catalyst for Development

Development of hydropower contributes to environmentally- friendly and renewable energy. Hydropower projects can

also contribute significantly to local development. During construction, employment opportunities and increase in demand for local production can be stimulated through training and information to local people. In addition, mitigation of impacts can be integrated with regional development of infrastructure, social services and livelihoods, so that affected people become long-term beneficiaries, improving socio-economic status and the standard of living.

ÇETİN HYDROPOWER PROJECT

ESIA LEAFLET

- NOVEMBER 2011

Çetin Hydropower Project

The Çetin Hydropower Project is under development by Çetin Enerji A.Ş., a subsidiary of Statkraft Enerji A.Ş., which is owned by the Norwegian company Statkraft AS. Statkraft is the largest electricity generator in Norway and Europe's leader in renewable energy.

The Çetin Hydropower Project is located on the Botan River, a tributary of the Tigris River, within the borders of Siirt Province, Sirvan and Pervari Districts in Southeastern Anatolia Region of Turkey.



The Çetin Hydropower Project includes two dams and two power stations. The main dam will be 145m high and the reservoir will cover approximately 20 km along Botan River and 10 km along Büyükçay. A smaller dam and power station will be built a few kilometers downstream the main dam.

Total installed capacity of the two power stations will be 517 MW. The estimated mean annual electricity production will be 1,4 TWh which equals the electricity consumption of approximately 460.000 Turkish homes and 3% of the total hydropower production in Turkey.

Environmental and Social Impact Studies (ESIA)

The purposes of ESIA are to identify and assess environmental and social impacts in the project area and propose measures to avoid, minimize, mitigate or compensate the adverse impacts.

The ESIA studies shall also ensure that affected individuals and communities are engaged on issues that may affect them and promote improved environmental and social performance.

Environmental Studies

ENVIRONMENTAL IMPACT ASSESSMENTS (EIA)

were carried out in two phases; in November-December 2009 and in March-April 2010, comprising biological and physical surveys.

PHYSICAL ENVIRONMENT:

Includes Topography, Geology, Soils, Erosion and Landslides, Climate, Natural Flow of Botan, Water Quality, Sediment Transport etc..



BIOLOGICAL ENVIRONMENT:

Including Habitat Types and Vegetation, Land Cover and Land Use, Flora, Fauna and Agro-Ecological Characteristics etc..

ESIA ENVIRONMENTAL SURVEY TEAM:

Environmental Surveys were done mostly by an expert team from Van University.



Social Studies

THE SOCIAL IMPACT ASSESSMENTS (SIA) were carried out from November 2009 to March 2010. Additional social impact assessments related to Çetin Lower were made in April 2011.

By March 2010, over 2,500 Project Affected People (PAPs) had been reached. Socio-economic profile was identified and stakeholders (including PAPs) were consulted on their views about impacts of the project.

SOCIAL AND CULTURAL ENVIRONMENT:

Includes Population Profile, Socio-Demographic Characteristics, Social Relations, History, Traditions, Kurdish Identity, Language and Culture, Health and Education etc.



ECONOMIC ENVIRONMENT:

Includes Social Services and Infrastructure, Employment, Seasonal Migrations, Living and Housing Conditions, Economy and Livelihoods, Animal Husbandry, Agriculture Transportation, etc.

ESIA SOCIAL SURVEY TEAM:

Social Survey team includes Turkish, Kurdish and English speakers from Siirt, Diyarbakir, Ankara and London Universities.

