

## AD-HOC TECHNICAL ASSISTANCE PROJECT

**AHEF No.** ARM 28**Project Title**

Development of guidelines for the evaluation of small hydropower feasibility studies and proposals on the licensing procedure for RES applications

**Country (s)** Armenia**Timescale for implementation** October 2010 - March 2011**Beneficiary(s)**

Public Services Regulatory Commission of Armenia (PSRC)

**Main and specific objectives**

The **overall objectives** were to assist in drafting guidelines for the development and evaluation of feasibility studies and submit proposals on the licensing procedure for the efficient exploitation of small hydro power stations. The **specific objectives** called for (1) identification of possible problems in the quality of feasibility studies, (2) to provide recommendations on the procedures and data to be found in feasibility studies, (3) to provide preliminary recommendations on the environmental procedures to be taken into account and (4) to propose on the basis of (1) – (3) recommendations on the legislative framework, appropriate principles and development of relevant guidelines for the evaluation of feasibility studies and proposals on the licensing procedures.

**Results achieved**

The recommendations presented by the SEMISE team were in **six thematic** areas (i) licensing procedures and monitoring of implementation (ii) environmental constraints and land acquisition (iii) methodology for sizing and better exploitation of water (iv) technical issues and efficiency, estimation of output (v) access and connection to the grid (vi) economic issues and tariffs, O&M costs. This sums up into three **major** conclusions on (a) better exploitation of the natural resources considering the local conditions (b) more diligent assessment of the environmental issues inclusive of best integration of the SHP into the natural environment and (c) maximisation of the social and economic benefits in the long run. The **overall conclusion is** to discuss the recommendations by means of public consultation with all interested parties involved in order to further the implementation of SHP using best practice and to develop larger SHP and other renewable sources of energy in Armenia.

**Useful information/ relevant documents**

Please contact the SEMISE secretariat for detailed information about the project.

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