

ADAPTED SOCIALCARBON® INDICATORS

1. Identifying the Project

Project name: Arca Hydroelectric Power Plant Project

Person responsible for reviewing or adapting the indicators (name and contact): Dr. Aslı Sezer Özçelik - asli.ozcelik@ekobil.com

Version/Date of indicator to be reviewed or adapted: *Indicators for Hydropower Plants, Version 4.1 (June 2011)*

2. Approval Process

Person responsible for approval of the indicators (name and contact): Kirsten Boer | Instituto Ecologica | SOCIALCARBON officer | kirsten@socialcarbon.org

Date of approval: 28/07/2011

3. Indicators to be excluded

Please specify the indicators that will be excluded:

Name of the indicator	Justification for excluding the indicator
APP and Legal Reserve Evaluates state of conservation of the areas around the reservoir including Permanent Preservation Areas - APP and legal reserve areas whether owned by the project or not.	There are no APP and Legal Reserve within the project area or around it. This is also documented in the Environmental Impact Assessment of the project on page 53 and 54.
Transfer of New Technology Evaluates the level of technological innovation and the technologies employed in the project or regarding operational procedures and maintenance, actions for mitigation of impacts, or other aspects that show a break from the common practice of the sector. The existence of research and development projects (R&D) related to the project are also considered in this indicator.	The Project is going to be using horizontal axis Francis type turbine (as also indicated on the page 13 and 14 of the EIA report). This kind of technology is not new and the contribution of the project will be limited to training of the staff and some added experience to the project operators. Therefore this indicator is not applicable.

List of references when applicable:

(Please attach all reports, results of consultation with stakeholders, Environmental Impact Assessments or any other documents that justifies the exclusion of the indicator(s))

Reference:

The Environmental Impact Assessment Report for Arca Weir and Hydroelectric Power Plant, Final Version Approved by the Ministry of Environment and Forestry, Ankara-February 2008, 322 pp including 12 Annexes