**Template and guidance reviewing and adapting SOCIALCARBON® indicators**

DOCUMENT REVISION HISTORY

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| --- | --- | --- |
| **Version** | **Description of the main adjustments** | **Review Date** |
| 01 | First version. | 02/2010 |
| 1.1 | Re-formatted | 09/06/2011 |

Content

1. Identifying the Project
2. General orientation to Accredited Organizations
3. Guidance for elaboration of SOCIALCARBON indicators
4. Indicators to be adapted or reviewed
5. Indicators to be excluded
6. Indicators to be included
7. **Identifying the Project**

Project name: ***Boyabat Hydroelectric Power Plant***

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)*

1. **General orientation to Accredited Organizations**
2. Inform the Ecologica Institute about all projects in which the SOCIALCARBON Standard is to be used, reporting if the establishment of new indicators is necessary.
3. Submit all new or reviewed indicators for prior approval by the Ecologica Institute.
4. The Ecologica Institute will publish the approved indicators at [www.socialcarbon.org](http://www.socialcarbon.org) for a 15-day consultation period.
5. **Guidance to elaborate SOCIALCARBON indicators**
* Indicators should be set out and used to detail the main benefits and impacts arising from the carbon offset project for the six resources of the SOCIALCARBON Standard.
* The number of indicators varies according to the need of project, although the SOCIALCARBON Team recommends at least three and a maximum of ten indicators for each of the six resources.
* Project developers should list and assess main:
	+ Impacts
	+ Risks
	+ Stakeholders
	+ Best practices or existing sustainability indicators for project activity.
* After listing all the relevant aspects of the project, the project developer must select those relevant to be monitored along the lifetime of the project and distribute them among the different resources of the methodology: social, human, financial, natural, biodiversity/technology and carbon.
* Next, the indicators receive scores ranging from the worst scenario (level 1) to the ideal situation (sustainable use of resource – level 6), according to the following guidelines:

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| --- | --- | --- |
| Scores | Classification | Characteristics |
| 1 and 2 | Critical | Existence of irregularities; high socio-environmental risk; significant levels of social and environmental degradation; or situation of extreme hardship, which significantly compromises the quality of life of the population. |
| 3 and 4 | Satisfactory | Meets all the legal requirements relating to its activities; surpasses them through the adoption of good practices and voluntary actions in some cases; or the quality of life reaches the minimum acceptable standard but requires improvement. |
| 5 and 6 | Sustainable | Exceeds its legal obligations and/or common practice in the market, in many cases adopting the best-possible practices for the sector; or communities have reached a sustainable livelihood, with adequate access to material and social goods, are capable of recovering independently from situations of stress, and are not causing the deterioration of basic environmental resources through their activities. |

1. **Indicators to be adapted or reviewed**

Please specify the indicators that will be altered:

|  |  |
| --- | --- |
| Indicator | Justification for adapting or reviewing the indicator |
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|  |  |
|  |  |

New version of the indicator(s):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Indicator** | **1** | **2** | **3** | **4** | **5** | **6** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**List of references when applicable:**

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

1. **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. We have checked all theareas listed under AAP and Legal reserve status of the host country from the following web site: http://www.milliparklar.gov.tr/korunanalanlar/korunanalan1.htm . The Project is Located at Sinop Province, Durağan Town. There is one Nature Park named Topalçam near Boyabat Town, but this 15 ha Park is a recreational area which is 27.4 km (birds eye view) from Durağan town where the project is located, and has no interaction with the project. .  |
| **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 using three vertical shaft axis Francis type turbines (as also indicated on the page 9 of the Validated VCS, Project Description). 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.  |
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**List of references when applicable:**

Validated VCS, Project Description, page 9

*(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 Validated VCS, Project Description, report: page 9 (https://vcsprojectdatabase2.apx.com/myModule/Interactive.asp?Tab=Projects&a=2&i=1345&lat=41%2E423611&lon=35%2E06277&bp).

List of Protected areas in the host country: <http://www.milliparklar.gov.tr/korunanalanlar/korunanalan1.htm>

Location of Topalçam Park (Mesire Alanı): [https://www.google.com/maps/place/Topalçam+Mesire+Alanı/@41.4367345,34.8317447,29536m/data=!3m1!1e3!4m2!3m1!1s0x4085c2304ffd960b:0xcd35a660d1787b34](https://www.google.com/maps/place/Topal%C3%A7am%2BMesire%2BAlan%C4%B1/%4041.4367345%2C34.8317447%2C29536m/data%3D%213m1%211e3%214m2%213m1%211s0x4085c2304ffd960b%3A0xcd35a660d1787b34)

1. **Indicators to be included**

Please specify the indicators that will be included, a brief description about what the indicator assesses and the justification for including a new indicator:

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| --- | --- | --- | --- |
| Name of the indicator | Resource (i.e. social, natural, etc.) | Brief description | Justification for including the new indicator |
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New version of the indicator(s):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Indicator** | **1** | **2** | **3** | **4** | **5** | **6** |
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**List of references when applicable:**

*(Please attach all reports, results of consultation with stakeholders, Environmental Impact Assessments, or any other documents used as reference or that include the indicator(s))*