How to use the SD tool and what are the benefits?

Asia and the Pacific Regional Workshop : Promoting CDM and Market Mechanisms
Bangkok – Thailand
13-15 October 2014
Details of the SD tool

✓ The tool produces a **sustainable development co-benefits (SDC) description report**

✓ **Checklist** approach

✓ **Three** steps with menu of generic dimension, criteria and indicators

✓ **Indicators** have been informed by relevant standards and identified based on what is reported in the PDDs of over **2500** registered CDM project activities

✓ Seeks a **balance** between **standardization** and **flexibility** in the taxonomy

✓ Incorporated **inputs from stakeholders** on drafts of the tool during 2012
Details of the SD tool

PPs and CMEs may request access to the online SD Tool through the UNFCCC website at https://cdm.unfccc.int/Reference/tools/index.html:

Tools are used to calculate, determine, demonstrate, estimate, identify and/or test information relating to a CDM project activity and are usually reference other CDM-related regulatory documents including: Standards; Approved methodologies; Procedures; Guidelines and Forms.

Tools - General

Voluntary tool for describing sustainable development co-benefits (SDC) of CDM project activities or programmes of activities (SD Tool)

Project participants and coordinating/managing entities may request access to the SD Tool here.

For an alternative to using the online SD Tool, please complete the Word document here.

To view published sustainable development co-benefits reports, click here.
Three steps in completing a description of sustainable development co-benefits

1. **Select a project activity / PoA**
   
   Title, type, Ref. Num. or project cycle stage, SS, host country, location

2. **Complete the level of sustainable development co-benefits** of the project
   
   3 categories:
   
   1- **Environment**: air, land, water, natural resources
   
   2- **Social**: jobs, health and safety, education, welfare
   
   3- **Economic**: growth, energy, tech transfer, balance of payment

3. **Third party assessment** and **contact information**.
   
   An independent third party could verify the statements made in the SD description.
Step 1

Sustainable Development Co-Benefits Description

Introduction

The CDM sustainable development co-benefits description tool ("SD tool") is made available to CDM project participants and coordinating / managing entities to assist them to describe sustainable development co-benefits of a CDM project activity or programme of activities ("PoA") ("activity").

The use of the SD tool is entirely voluntary. It has been developed in response to paragraph 5 of decision 8/CMP.7, in which the CMP requested the CDM Executive Board to "develop appropriate voluntary measures to highlight the co-benefits brought about by CDM project activities and PoAs, while maintaining the prerogative of the Parties to define their sustainable development criteria".

The SD Tool is maintained by the UNFCCC secretariat as mandated by the CDM Executive Board (EB 70, paragraph 82). The SD tool can be used at any time in the life of a CDM activity, including to update the description should co-benefits change.

The SD report can be used for a single activity only. The SD tool produces a sustainable development co-benefits (SDC) description report. This report and any previous SDC description reports will be available on the CDM website for the activity chosen.

Any feedback or questions can be sent to:

Subject: "SD tool"
UNFCCC Secretariat
Email: cdm-info@unfccc.int

Please click on one of the sections below to submit a description of sustainable development co-benefits using the SD tool

<table>
<thead>
<tr>
<th>Step</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Describe the level of sustainable development co-benefit(s) of the activity for the 12 environment, social &amp; economic criteria.</td>
</tr>
<tr>
<td>2</td>
<td>Enter personal contact details; for existing activities, confirm Modalities of Communication (MOC, membership, etc.) membership, then submit the description to the UNFCCC for publication on the CDM website (i.e. on the respective activity page)</td>
</tr>
</tbody>
</table>
Does the activity improve the soil quality and/or avoid soil pollution, waste disposal?

The activity can improve the soil quality through the production and use of e.g. compost, manure nutrient and other fertilizers and/or avoid polluting the soil, waste disposal.

- Yes (and I wish to specify)
- No (the activity has no direct impact)
- N/A (the question is not relevant)
Sustainable Development Co-Benefits Description

Third Party Assessment

* Has an independent third party (environmental auditor, voluntary standards organization, designated operational entity etc.) verified the statements made in the SD description you are about to submit?
  - Yes
  - No

* Are you willing to have an independent third party verify the statements made in the SD description you are about to submit?
  - Yes
  - No

Contact

Please enter the following contact information:

* Title (Ms., Mr., Dr., etc)

* Name

* Surname

* Organisation

* Tel number

* Email address

Affiliation to CDM (e.g. project owner/ operator, project developer, project investor, project consultant etc.)
## A. Environmental co-benefits

All available environmental co-benefits are described.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Specification</th>
<th>Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The CDM PoA improves air quality by reducing air pollutants as follows:</td>
<td></td>
</tr>
<tr>
<td>SOx</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>NOx</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Fly ash emissions</td>
<td><em>The project activity will eliminate indoor pollution caused by cooking from project participating households. The smoke from cook-stoves will not only be reduced, but will be entirely eliminated as wood and charcoal stoves will be replaced with stoves that use clean and renewable energy.</em></td>
<td>Highly</td>
</tr>
<tr>
<td>SPM</td>
<td><em>Reduced smoke from cooking. Cooking smoke will be eliminated.</em></td>
<td>Highly</td>
</tr>
<tr>
<td>NMVOCs</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Noise</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Odors</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Dust</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Other air quality improvements</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

The CDM PoA improves the soil quality and/or avoid soil pollution, waste disposal as follows:
Benefits from the SD tool

- The **SD tool** provides a structured, consistent, comparable and robust manner of highlighting the sustainable development co-benefits of CDM project activities and PoAs.

- Comprises a check list of **predefined criteria and indicators** that help describe the impact of project activities and PoAs on the **environment, society and economy** of the host country.

- Enabling PPs and CMEs to elaborate on the SDC of their projects in a consistent way, enhance transparency and credibility of the CDM as whole, while maintaining host countries’ prerogative to define their criteria for sustainable development.
Benefits from the SD tool

- PPs and CMEs can use their published SDC description report to highlight and promote the sustainable development co-benefits of their project activities and PoAs.

- SDC description reports will help buyers of CERs to easily identify projects with high sustainable development benefits.
At EB 80, the Board considered a proposal to introduce provisions on voluntary monitoring of the contribution to sustainable development and requested the secretariat to prepare a concept note in this regard for consideration by the Board at a future meeting.
All published SDC description reports found at:
http://cdm.unfccc.int/SDTools/index.html

<table>
<thead>
<tr>
<th>Pre-registration reference number</th>
<th>Reference number</th>
<th>Status of registration</th>
<th>Project name</th>
<th>Project type</th>
<th>Host country(ies)</th>
<th>Date of submission</th>
<th>SDC Description Report</th>
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<tbody>
<tr>
<td>2898</td>
<td>Registered</td>
<td>Sichuan Rural Poor-Household Biogas Development Programme</td>
<td>PoA</td>
<td>China</td>
<td>05/12/2013</td>
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<td>3403</td>
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<td>Bangkok Kamphaeng Saen West Landfill Gas to Electricity Project</td>
<td>PA</td>
<td>Thailand</td>
<td>13/12/2013</td>
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<td>China</td>
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<td>5877</td>
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<td>Mengyin County Solar Cooker Project</td>
<td>PA</td>
<td>China</td>
<td>08/05/2014</td>
<td>SDC Description Report_5877 (98 KB)</td>
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</tr>
<tr>
<td>7359</td>
<td>Registered</td>
<td>PoA for the Reduction of emission from non-renewable fuel from cooking at household level</td>
<td>PoA</td>
<td>Madagascar, Ethiopia, Kenya, Malawi, Mozambique, Nigeria, Uganda, Zambia, Chad, Dominican Republic, Côte d'Ivoire, Liberia, Rwanda, Sierra Leone, Tanzania, Zimbabwe, Ghana, South Africa</td>
<td>13/06/2014</td>
<td>SDC Description Report_7359 (101 KB)</td>
<td></td>
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Thank you