

The Voluntary Tool for Describing Sustainable Development Co-Benefits (SDC)

**CDM Project of Activities SD Tool
UNFCCC Regional Office, Grenada
March 19th & 20th**

Presentation Outline

- ▶ What Is The SD Tool?
- ▶ How Is It Used (Approach)?
- ▶ Who Has Used It?
- ▶ Our SD Tool PoA Experience.
- ▶ Shortcomings.
- ▶ Recommendations.

Underlining the importance of the Tool– CDM EB Chair, Hugh Sealy

- ▶ UNFCCC launched tool April 2014 (but was in the making since EB61 or so).
- ▶ “The SD Tool highlights the mechanisms contribution to sustainable development, while maintaining the host countries prerogative to define their criteria for sustainable development”.

CDM Fundamental Goals

- ▶ The CDM has a dual mandate to:
 - Deliver Climate Mitigation and
 - Sustainability Benefits.

AIM – SD Tool

- ▶ To enhance the transparency of CDM projects sustainable development benefits.

SD Tool Approach

Step 1

- Select a language, an activity name and type, and the action required.
- For example, create, edit or withdraw a CDM Project.

Step 2

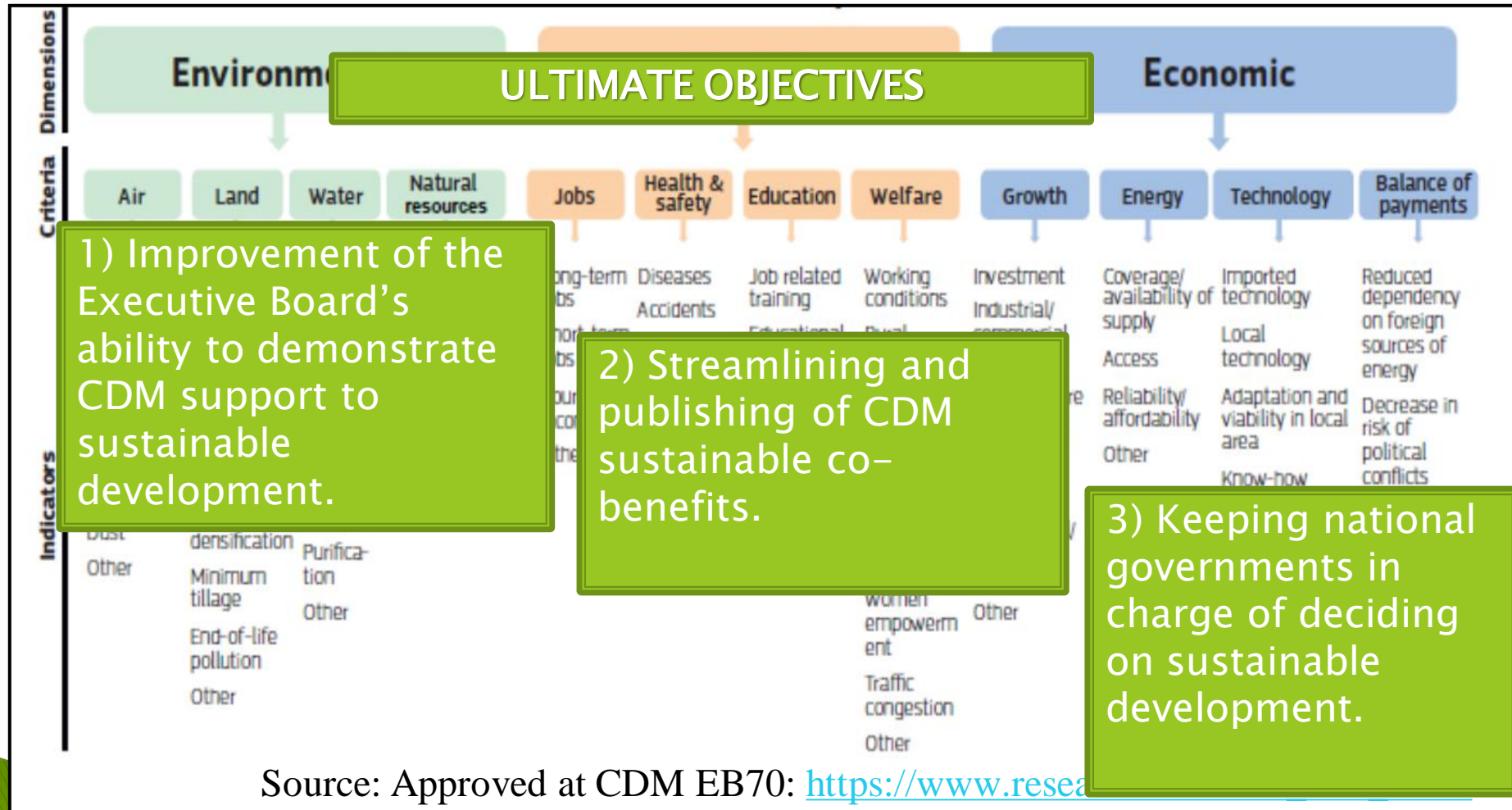
- Describe the level of sustainable development co-benefits of the CDM activity.
- This is done along Environmental, Social and Economic criteria (Done via a ranking scheme).



Step 3

- Submit the description to UNFCCC.
- The report is made available on the CDM website.

SD Tool Taxonomy



Who Has Used The Tool?

Home CDM JI CC:iNet TT:Clear CDM glossary | Sitemap | FAQ | Contact us | Disclaimer | Extranet | My CDM / Login | Join

Your location: Home 20:54 16 Mar 15

Summary of all published sustainable development co-benefit (SDC) description reports

Total: 16

Pre-registration reference number	Reference number	Status of registration	Project name	Project type	Host country(ies)	Date of submission	SDC Description Report
	2898	Registered	Sichuan Rural Poor-Household Biogas Development Programme	PoA	China	05/12/2013	SDC Description Report_2898 (173 KB)
	3483	Registered	Bangkok Kamphaeng Saen West Landfill Gas to Electricity Project	PA	Thailand	13/12/2013	SDC Description Report_3483 (185 KB)
	3404	Registered	Rwanda Electrogaz Compact Fluorescent Lamp (CFL) distribution project	PA	Rwanda	21/11/2014	SDC Description Report_3404 (89 KB)
	3979	Registered	Galofer CHP with Rice Husks	PA	Uruguay	24/09/2014	SDC Description Report_3979 (88 KB)
	4127	Registered	Reforestation of grazing Lands in Santo Domingo, Argentina	PA	Argentina	14/07/2014	SDC Description Report_4127 (93 KB)
	5393	Registered	Catalytic N2O destruction project at the new nitric acid plant PANNA 4 of Enaex S.A.	PA	Chile	18/07/2014	SDC Description Report_5393 (88 KB)
	5632	Registered	Huzhu Tu Autonomous County Solar Cooker Project	PA	China	27/04/2014	SDC Description Report_5632 (97 KB)
	5877	Registered	Mengyin County Solar Cooker Project	PA	China	08/05/2014	SDC Description Report_5877 (98 KB)
	5962	Registered	International water purification programme	PoA	Ethiopia El Salvador Chile	15/09/2014	SDC Description Report_5962 (100 KB)

UNFCCC Google Search

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Methodologies
Project Cycle Search
CDM Registry
Stakeholder Interaction
Newsroom




Issues Quickfinder:
Please choose


Connect with CDM:
RSS Twitter Facebook YouTube


All published SDC description reports found at:
<http://cdm.unfccc.int/SDTools/index.html>

Our Experience

Example of Petrotrin SD Tool Page

Site Actions  EXT\Clyne  I Like It  Tags & Mntec 

 Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA ▶

UNFCCC 

Libraries
Lists
Discussions

All Site Content 

09358 Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA

SDC Descriptions

<input type="checkbox"/>	Pre-Registration Number	Reference Number	Title	Edit	Version	Modified	SDC Submitted Date	SDC Submission Status	Approval Status
<input type="checkbox"/>		9358	Sustainable Development Co-benefits (SDC) Description Report		6.0	18/02/2015 17:28		Draft	Pending

Project Basic Information

Project Type	
Project Status	

Host Parties

Other Parties

Edit Report

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Document Libraries

The screenshot displays the Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA website. The header includes the Petrotrin logo and the text "Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA ▸ All Site Content". Below the header, there is a navigation bar with "UNFCCC" and a search bar labeled "Search this site...". On the left, a sidebar menu has "Libraries" circled in green, with other options like "Lists" and "Discussions". The main content area shows "Document Libraries" with a table listing various libraries. The table has columns for "Items" and "Last Modified".

UNFCCC Search this site...

Libraries
Lists
Discussions

All Site Content


Site Workflows View: Document Libraries


		Items	Last Modified
Document Libraries			
Documents	This system library was created by the Publishing feature to store documents that are used on pages in this site.	0	6 months ago
Images	This system library was created by the Publishing feature to store images that are used on pages in this site.	0	6 months ago
Pages	This system library was created by the Publishing feature to store pages that are created in this site.	1	7 months ago
PoA Forwarding Request Draft	This library will contain draft forwarding requests	0	6 months ago
PoA Issuance Requests Draft	This library will contain draft issuance requests	0	6 months ago


https://process.unfccc.int/sites/CDM/Projects/09358/_layouts/workflow.aspx



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Lists

Site Actions 

EXT\Clyne 


 Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA ▸ All Site Content
Displays all sites, lists, and libraries in this site.



I Like It  Tags & Nintec 

UNFCCC 

Libraries
Lists
Discussions

All Site Content

Site Workflows  View: Lists ▾

		Items	Last Modified
Lists			
 SDC Descriptions	This library will contain SDC Descriptions	1	5 days ago
 Workflow Tasks	This system library was created by the Publishing feature to store workflow tasks that are created in this site.	0	5 days ago

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Discussion Board

Site Actions

EXT\Clyne

Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA ▸ All Site Content
Displays all sites, lists, and libraries in this site.

UNFCCC

Libraries
Lists
Discussions
All Site Content

Site Workflows

View: Discussion Boards ▾

Items	Last Modified
Discussion Boards	
There are no discussion boards.	

https://process.unfccc.int/sites/CDM/Projects/09358/_layouts/workflow.aspx [About this site](#) [FAQ](#) [Disclaimer](#) [Contact](#)

Links to Other UNFCCC Websites

The screenshot displays the UNFCCC website interface. At the top, there is a header with the UNFCCC logo and the text "Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA". A search bar is visible with the text "Search this site...". On the left side, there is a sidebar with links for "Libraries", "Lists", and "Discussions". A dropdown menu is open, showing a list of links: "unfccc.int", "CDM", "JI", "CCiNet", and "TT:Clear". The link "UNFCCC Websites" is highlighted with a green circle. Below the dropdown menu, there is a section titled "Project Basic Information" with fields for "Project Type" and "Project Status". To the right of this section, there is a table with columns for "SDC Submitted Date", "SDC Submission Status", and "Approval Status". The table contains two rows: "Draft" and "Pending".

Site Actions ▾

EXT\Clyne ▾

I Like It ▾ Tags & Notes

UNFCCC ▾ Search this site... 🔍

UNFCCC Websites

- unfccc.int
- CDM
- JI
- CCiNet
- TT:Clear

Libraries
Lists
Discussions

All Site Content

SDC Submitted Date SDC Submission Status Approval Status

Draft	Pending
-------	---------

Project Basic Information

Project Type	
Project Status	

Host Parties

Other Parties

SDC Description Project View Page

SDC Descriptions - All Items

Edit

Save Cancel Paste Cut Copy Attach File Spelling

Commit Clipboard Actions Spelling

Items on this list require content approval. Your submission will not appear in public views until approved by someone with proper rights. [More information on content approval.](#)

PoA or PA Title	Petrotrin Oil Fields Associated Gas Recovery and Utilization PoA
Pre-Registration Number	
Reference Number	9358 A unique number related to the content of the document(E001, PA4567, CDM-EB70-A10, etc...)
PoA or PA	<input type="radio"/> PA <input checked="" type="radio"/> PoA
Country	Trinidad and Tobago; The country this document relates to
Sectoral Scope	<input type="checkbox"/> Energy industries (renewable - / non-renewable sources) (1) <input type="checkbox"/> Energy distribution (2) <input type="checkbox"/> Energy demand (3) <input type="checkbox"/> Manufacturing industries (4) <input type="checkbox"/> Chemical industries (5) <input type="checkbox"/> Construction (6) <input type="checkbox"/> Transport (7) <input type="checkbox"/> Mining/mineral production (8)

SDC Description– Environmental

The screenshot displays the 'SDC Descriptions - All Items' form within the Petrotrin Oil Fields Association system. The form is titled 'SDC Descriptions - All Items' and features a toolbar with options like Save, Cancel, Paste, Copy, Attach File, and Spelling. The form fields are as follows:

Field Name	Options/Value
Latitude	
Environment Air Participation	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
Environment Air Other Answer	<input type="radio"/> Highly <input type="radio"/> Partly <input type="radio"/> Slightly <input type="radio"/> N/A
Environment Air Other Detail	Environment Air Other Detail
Environment Air Reduce Dust Answer	<input type="radio"/> Highly <input type="radio"/> Partly <input type="radio"/> Slightly <input type="radio"/> N/A
Environment Air Reduce Dust Detail	
Environment Air Reduce Fly Ash Answer	<input type="radio"/> Highly <input type="radio"/> Partly

The 'Environment Air Participation' field is circled in green. The form also includes a sidebar with 'Libraries', 'Lists', and 'Discussions' sections, and a right-hand panel with 'Approval Status' and 'Pending' options.

SDC Description- Social

The screenshot displays the 'SDC Descriptions - All Items' form within the Petrotrin Oil Fields Association system. The form is titled 'SDC Descriptions - All Items' and features a toolbar with options like Save, Cancel, Paste, Copy, Attach File, and Spelling. The form contains several sections for user input:

- Social Jobs Participation:** This section is circled in green. It includes a dropdown menu and radio button options: Yes, No, and N/A.
- Social Job Long Term Answer:** This section includes radio button options: Highly, Partly, Slightly, and N/A.
- Social Job Long Term Detail:** This section is a large text area for detailed input.
- Social Job New Sources Answer:** This section includes radio button options: Highly, Partly, Slightly, and N/A.
- Social Job New Sources Detail:** This section is a large text area for detailed input.
- Social Job Other Answer:** This section includes radio button options: Highly and Partly.

The right sidebar shows the 'Approval Status' as 'Pending' and includes a 'Disclaimer' and 'Contact' link at the bottom.

SDC Description- Economic

SDC Description

Sustainable Development Co-Benefits Description

Home

Environment

Social

Economic

Further Information

Section 1

Section 2

Save

Save and Preview

Close

Submit

+ Environment - Air

- Environment - Land

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)

+ Environment - Water

+ Environment - Natural resources

		Counts per co-benefit			N/A	sum total
Economic co-benefit		partially	slightly	highly		
Growth	New investments	1	1	5	4	11
	New industrial/commercial activities	2	3	2	4	11
	New infrastructure	-	1	3	7	11
	Enhancement of productivity	2	1	-	8	11
	Reduction of production costs (services)	-	-	-	11	11
	New business opportunities	2	2	2	5	11
	Other economic benefits	1	-	1	9	11
Energy	Improvement in supply of energy	1	2	4	4	11
	Access to energy	-	1	4	6	11
	Affordability and/or reliability of energy	1	2	4	4	11
	Other energy improvements	-	-	-	11	11
Technology	Introducing/developing/diffusing imported technology	2	-	6	3	11
	Introducing/developing/diffusing local technology	1	1	5	4	11
	Adaptation of new technologies to local circumstances	2	-	5	4	11
	Knowhow activities for a technology	-	1	4	6	11
	Other technological benefits	-	1	2	8	11
Balance of payments	Reduction of foreign dependency	1	-	2	8	11
	Other macro-economic benefits	-	1	1	9	11
Grand total		16	17	50	115	198

SDC Description- Economic

SDC Economic Co-benefit Count

General Feedback

- ▶ The tool meets its purpose of highlighting sustainable development co-benefits of CDM PAs and PoAs in a structured, consistent and comparable manner.
- ▶ Communication and the provision of further and more targeted information could be a way to increase the number of SD reports submitted.
- ▶ The structure is user-friendly.
- ▶ The criteria are suitable for our reporting needs.

Recommendations

- ▶ Further targeted information may need to be provided to PPs in order to increase their use of the tool.
- ▶ Sustainable development benefits should be incentivised: In order to strengthen the element of sustainable development in the CDM, incentives are needed. For example: making the sustainable development monitoring report a pre-requirement and a mandatory condition for CER issuance.
- ▶ Wide-ranging public consultation on CDM tool: Many experts in other related fields, e.g. the establishment of safeguards, participation requirements and MRV, have already been involved in creating similar tools and guidelines. It is essential to consult those experts for help for the design of this tool.

Conclusion

- ▶ The design of the SD tool is appropriate for its purpose, and that there is an intention to use it.
- ▶ Increasing awareness of the SD tool among all stakeholders would be a means to encourage its use.
- ▶ The published SD description reports demonstrate that the SD tool improves the accessibility of information regarding SD co-benefits of a CDM PA or PoA by allowing stakeholders to refer to a specific report instead of the PDD or PoA-DD.
- ▶ The published descriptions also allows for the presentation of information in a comparable and structured way, consistent across all types of CDM PAs and PoAs and that this information can be aggregated.
- ▶ The expected impacts from the use of the SD tool are now beginning to materialize.
- ▶ Finally the SD tool meets the objective of the CMP as a voluntary measure to highlight the co-benefits brought about by CDM PAs and PoAs, whilst also maintaining the prerogative of Parties to define their sustainable development criteria.

Thank You