

# Overview of CDM-Sustainable Development Tool (SD Tool)

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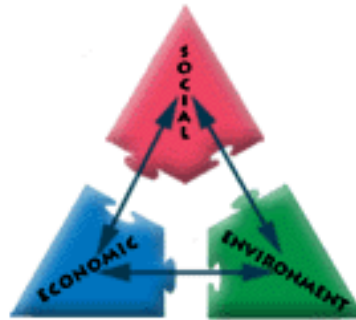


# Sustainable Development

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*“is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”*

- International Institute for Sustainable Development (IISD) <https://www.iisd.org/sd/>



<b>Services</b>	<b>Equity</b>	<b>Biodiversity</b>
Household Needs	Participation	Natural Resources
Industrial Growth	Empowerment	Carrying Capacity
Agricultural Growth	Social Mobility	Ecosystem Integrity
Efficient Use of Labor	Cultural Preservation	Clean Air and Water

- World bank group <http://www.worldbank.org/depweb/english/sd.html>





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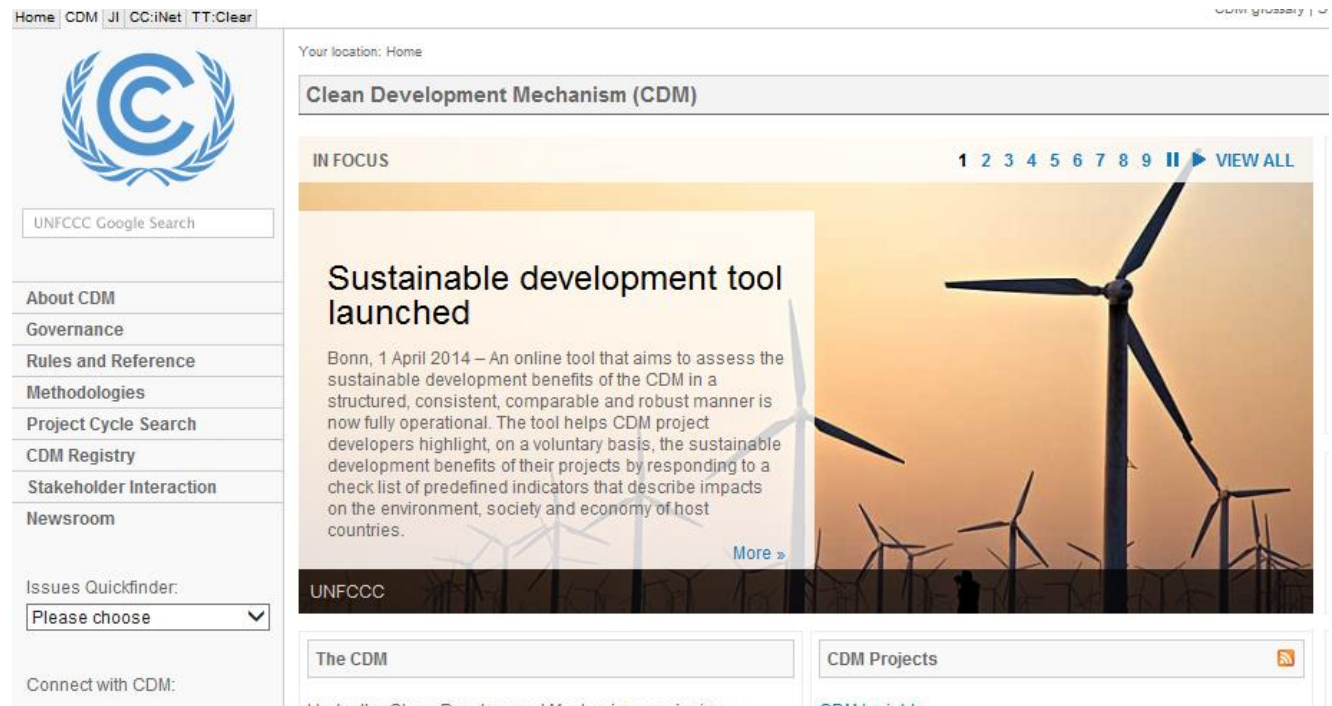
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## What is the SD Tool?

The voluntary tool for describing sustainable development co-benefits of clean development mechanism (CDM) project activities (PAs) and programmes of activities (PoAs)

Assesses CDM development co-benefits in a structured, consistent comparable and robust manner.

The tool can also be used to assess non-CDM project.





- At **EB 70** in Doha, the Board **approved** the **voluntary** tool
- Launched by the CDM Executive Board (Board) at **EB 78** and now fully operational
- Improves the Board's ability to demonstrate that, as per Article 12 of the Kyoto Protocol, the CDM assists non-Annex I Parties in achieving sustainable development
- The SD Tool is maintained by the UNFCCC secretariat as mandated by the CDM Executive Board (EB 70, paragraph 82).





## Why use SD-Tool

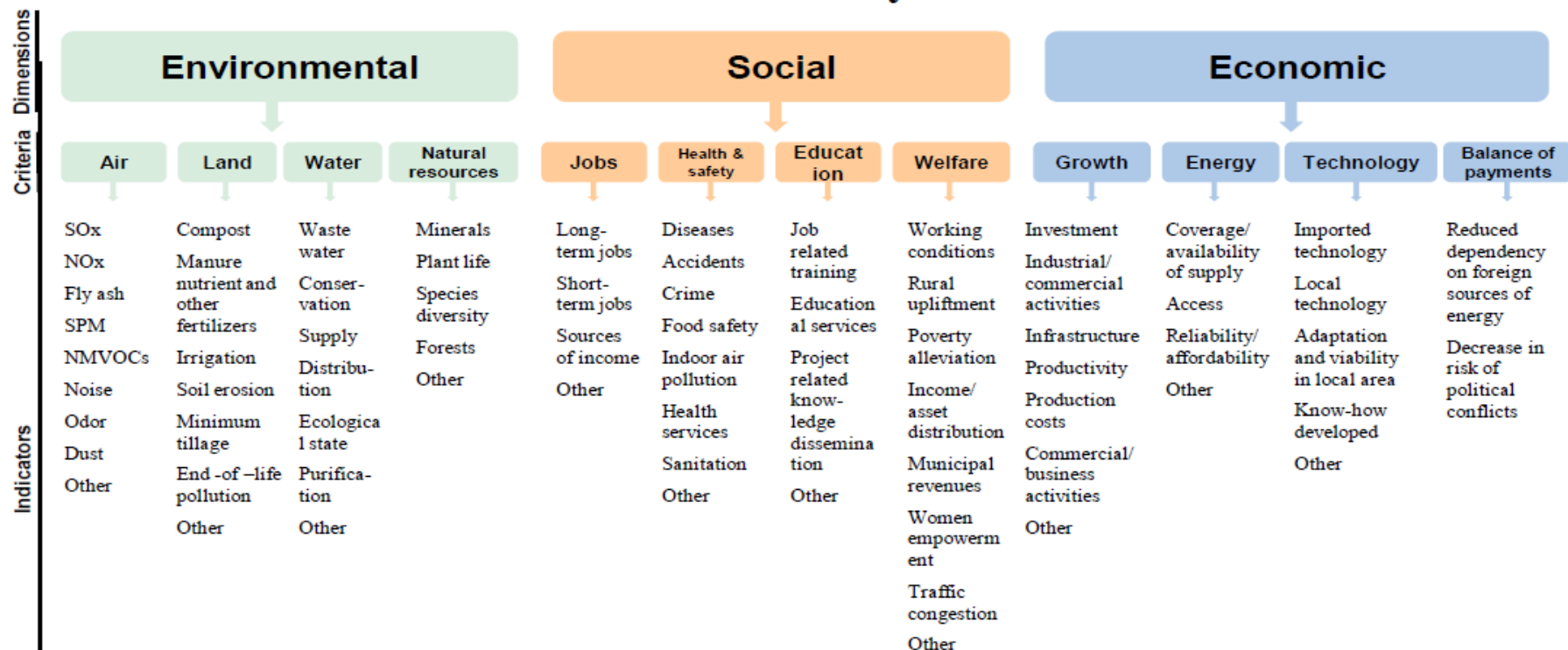
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### Benefits from the SD-Tool



- ✓ **PPs/CMEs** highlight and promote SD co-benefits
- ✓ **CER buyers** easily identify appropriate projects
- ✓ Assist **DNA's** in assessing the SD contributions

# SD Taxonomy



## Details of the SD tool

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- 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
- Incorporated **inputs from stakeholders** on drafts of the tool during 2012
- Seeks a **balance** between **standardization** and **flexibility** in the taxonomy





# Details of the SD tool

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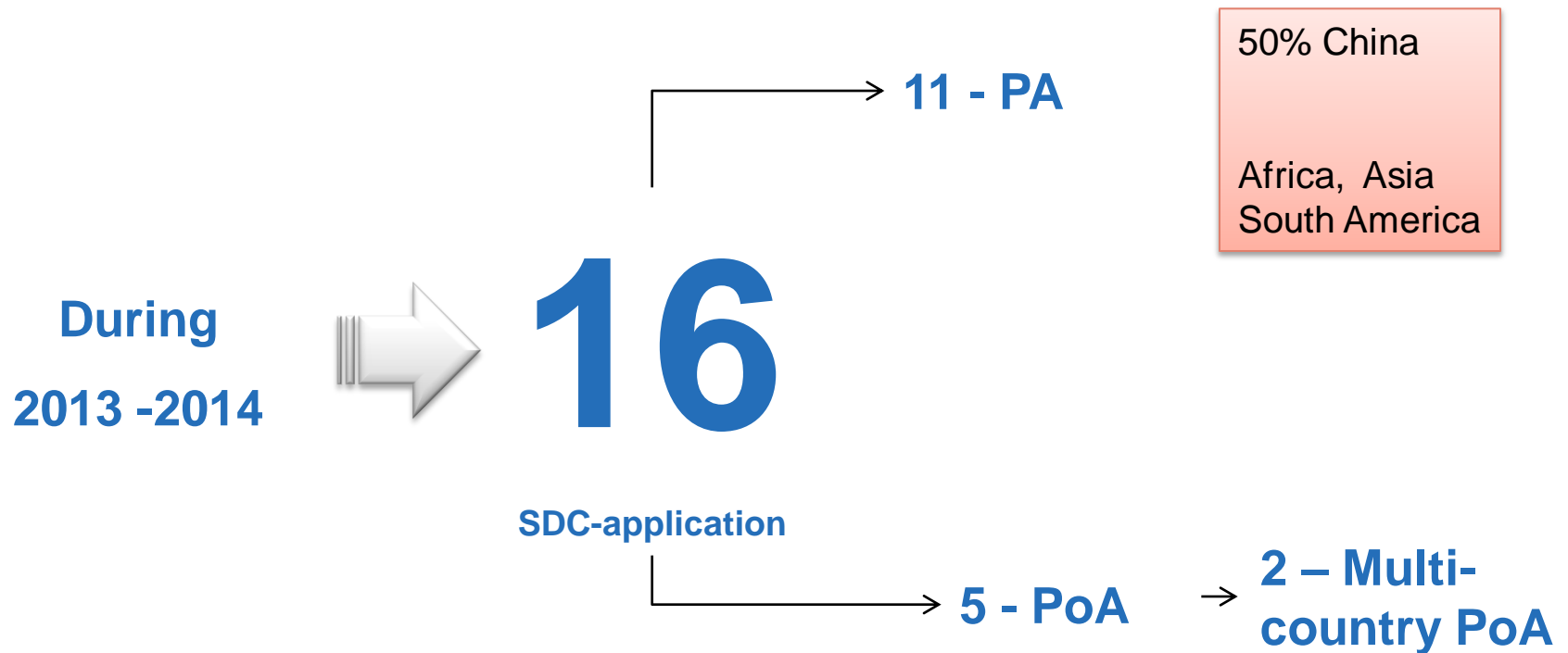


- Made available to CDM project participants (PPs) and coordinating / managing entities (CMEs) of a CDM PA or PoA.

- Applicable to both **Registered Projects** and those in **Pre-registration** stage.

- 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

## SD-Tool online application



CDM: SD Tool Container - Mozilla Firefox

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cdm.unfccc.int/SDTools/index.html

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### 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	<a href="#">Sichuan Rural Poor-Household Biogas Development Programme</a>	PoA	China	05/12/2013	<a href="#">SDC Description Report_2898 (173 KB)</a>
	3483	Registered	<a href="#">Bangkok Kamphaeng Saen West: Landfill Gas to Electricity Project</a>	PA	Thailand	13/12/2013	<a href="#">SDC Description Report_3483 (185 KB)</a>
	3404	Registered	<a href="#">Rwanda Electrogaz Compact Fluorescent Lamp (CFL) distribution project</a>	PA	Rwanda	21/11/2014	<a href="#">SDC Description Report_3404 (89 KB)</a>
	3979	Registered	<a href="#">Galofer CHP with Rice Husks</a>	PA	Uruguay	24/09/2014	<a href="#">SDC Description Report_3979 (88 KB)</a>
	4127	Registered	<a href="#">Reforestation of grazing Lands in Santo Domingo, Argentina</a>	PA	Argentina	14/07/2014	<a href="#">SDC Description Report_4127 (93 KB)</a>
	5393	Registered	<a href="#">Catalytic N2O destruction project at the new nitric acid plant PANNA 4 of Enaex S.A.</a>	PA	Chile	18/07/2014	<a href="#">SDC Description Report_5393 (88 KB)</a>
	5632	Registered	<a href="#">Huzhu Tu Autonomous County Solar Cooker Project</a>	PA	China	27/04/2014	<a href="#">SDC Description Report_5632 (97 KB)</a>
	5877	Registered	<a href="#">Mengyin County Solar Cooker Project</a>	PA	China	08/05/2014	<a href="#">SDC Description Report_5877 (98 KB)</a>
	5962	Registered	<a href="#">International water purification programme</a>	PoA	Ethiopia El Salvador Chile Egypt Kenya Gambia Madagascar Nicaragua Mexico South Africa Uganda Viet Nam Iran (Islamic Republic of)	15/09/2014	<a href="#">SDC Description Report_5962 (100 KB)</a>
	7359	Registered	<a href="#">PoA for the Reduction of emission from non-renewable fuel from cooking at household level</a>	PoA	Madagascar Ethiopia Kenya Malawi Mozambique	13/06/2014	<a href="#">SDC Description Report_7359 (101 KB)</a>

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## Detailed description

### A. Environmental co-benefits

No co-benefits related to water and natural resources are described.

	Indicator	Specification	Extent
Air	The CDM PoA improves air quality by reducing air pollutants as follows:		
	SOx	<i>Replacement of fossil fuel use in open fires in farmer households.</i>	Slight
	NOx	<i>Replacement of fossil fuel use in open fires in farmer households.</i>	Slight
	Fly ash emissions	<i>Replacement of fossil fuel use in open fires in farmer households.</i>	Slight
	SPM	<i>Replacement of fossil fuel use in open fires in farmer households</i>	Slight
	Odors	<i>Involved households will use the newly-built bio-digesters instead of open deep pit for animal manure management which highly reduces the odor during the manure digestion</i>	High
	Dust	<i>Replacement of fossil fuel use in open fires in farmer households.</i>	Slight
Land	The CDM PoA improves the soil quality and/or avoid soil pollution, waste disposal as follows:		
	End-of-life products/equipment (solid waste)	<i>Improved manure management system</i>	Slight
	Compost	<i>Improved manure management system</i>	Slight
	Manure, mineral fertilizer or other soil nutrients?	<i>Production of organic fertilizer by an aerobic fermentation of animal manure.</i>	Slight
	Irrigation	<i>Collection of flushing water and using in irrigation systems</i>	Partly



# Thank you for your attention

Learn more about the sustainable development Tool at  
<https://cdm.unfccc.int/Reference/tools/index.html>

View published sustainable development description reports at;  
<http://cdm.unfccc.int/SDTools/index.html>

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