



SD tool experience: a PP's perspective on identifying and monitoring SD

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Contents

- **Project Case-Study & its Sustainable Development (SD)**

benefits:

**The Sichuan Poor Rural-Household Biogas Development Programme
(GS CDM PoA)**

- **UPM's Experience with UNFCCC's SDC Tool**

- **About UPM**

Our objectives:

Inclusion of up to 1 million households and
emission reductions of up to 20 Million tCO₂e
to be achieved during the project period!

Selected main SD Benefits of the PoA



Energy: thanks to the PoA, households have access to biogas, a clean renewable energy. The use of biogas is free and replaces household traditional fossil fuel consumption.



Air: reduction of the smell coming from open manure pit and the smoke from combustion of coal/firewood in the kitchen

Land: treated manure is used as natural and highly efficient organic fertilizer for agricultural work.



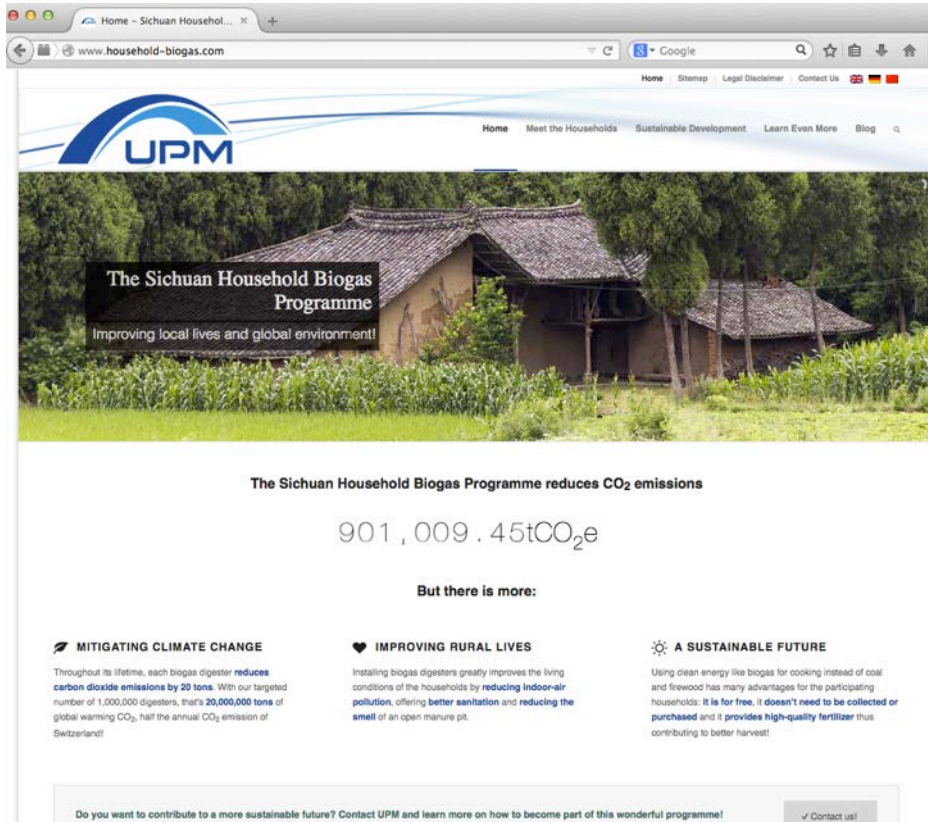
Health & Safety:

- reduction of indoor air pollution and related illness.
- improved sanitation and waste management: “three renovations: kitchen, toilet and animal pen” introduced by the PoA;

Jobs: technicians are trained, qualified and employed for the construction of digesters.



Promotion of the SD Benefits of the PoA



www.household-biogas.com
a website dedicated to PoA SD Benefits



Shortlist
announced



Awards Nominations



Promotional Video








UPM's Experience with UNFCCC's SDC Tool

- The PoA submitted its SDC report on 05/12/2013

Your location: Home

09:39 09 Oct 14

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

Total: 14							
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)
	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 Egypt Kenya Gambia Madagascar Nicaragua Mexico South Africa Uganda Viet Nam Iran (Islamic Republic of)	15/09/2014	 SDC Description Report_5962 (100 KB)



UPM's Experience with UNFCCC's SDC Tool

THE INCENTIVES for PP:

- Mainly for marketing purpose:
 - Being able to mention it to potential clients when trying to sell project CERs (UNFCCC is an official, reputable and reliable source).
 - Get more visibility for our project on the EB website.

THE PROs:

- The SD Tool of the CDM is fairly simple to use. For our PoA, we just filled out the form online and the SDC report was generated automatically afterwards;
- The 12 indicators of the SD tool of the CDM are similar to 12 SD indicators of the Gold Standard, so for a GS certified project, like ours, those indicators have already been evaluated by third-parties.



UPM's Experience with UNFCCC's SDC Tool

THE CONS:

- Based on our experience, few people has ever heard about the CDM SD tool;
- No visibility regarding traffic of the SDC web-page on UNFCCC CDM website, so difficult to evaluate the actual impact on project dissemination.
- What happens with PP's input at UNFCCC/EB, beside the presentation at the SD-Tool webpage?

OUR RECOMMENDATIONS:

- Awareness-raising campaign among project participants and buyers is needed in order to see real benefits for using the tool;
- For CDM projects (without GS certification), best would be to have third-party evaluation on the SD indicators.
- UNFCCC could evaluate and publish the SD-Tool input to underline the possible Co-Benefits of CDM projects.



About UPM

UPM develops climate protection projects worldwide, reduces Greenhouse Gas emissions and saves energy.

UPM Environment Project Management, a leading German–Chinese climate protection development and management consulting company with more than 20 years of experience in the field of renewable energy.

An ambitious team of dedicated professional driven to pave the way towards low carbon development

100+ renewable energy projects across 5+ sectors

1st worldwide ever registered biogas household PoA under Kyoto Protocol

25+ million tons of GHG emissions expected to be reduced.



Core Services

- Carbon Emission Reduction (CDM/CCER) Project Development and/or Monitoring
 - Consulting, Research & Training
-
- Carbon Neutral Services: Carbon Footprint Calculation and Offset Services
 - Emissions Trading

Projects Portfolio (sample)



Household Biogas
Sichuan



CDM + GS



Landfill Gas
Henan



GS



Waste Water
Shandong, Liaoning, Anhui



CDM

China

Pakistan



Biomass Power Generation
Pakistan, Muridke



CDM



Wind Farm
Pakistan, Sindh



CDM



Waste Heat Recovery
Pakistan, Balochistan



CDM

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Thank you !