

## Agenda item 4.1.

Paragraph 19 of the annotated agenda

# Status of the work on digitization of methodology-specific design document forms

**CDM EB 95**

Bonn, Germany, 11 to 13 July 2017



## Procedural background

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- At its ninety-fourth (94<sup>th</sup>) meeting, the Board took note of the status of the work and requested the secretariat to provide, at its next meeting, a brief update on the development of the web-based methodological digitization tool, before a demo of the final product at its ninety-sixth (96<sup>th</sup>) meeting.
- Background of the related mandates issued by the CMP :
  - ✓ Decision 3/CMP.9, paragraph 18
  - ✓ Decision 4/CMP.10, paragraph 15
  - ✓ Decision 6/CMP.11, paragraph 14
  - ✓ Decision 3/CMP.12, paragraph 9



## Purpose

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- This presentation aims to update the Board on the progress made in the work related to the development and digitization of methodology-specific design document forms for project activities and PoAs



## Key issues and proposed solutions

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- In respect to the above mandates, the secretariat contracted an external vendor, which is developing two web-based products:
  - **Internal regulator interfaces** which allow:
    - Translation of methodology requirements into dynamic web-based questionnaires, including mathematical formulas. These questionnaires are modifiable by the Secretariat upon revision of approved methodologies
    - Setup of CDM templates (PDD, PoA-DD, CPA-DD, SB and Monitoring Report Forms)
  - **External user interfaces** which allow:
    - Answering web-based questionnaires administered by the Secretariat, in order to generate PDD, PoA-DD, CPA-DD, SB and Monitoring Report Forms
    - Execution of a workflow to interact with the Secretariat from the submission of a Standardized Baseline until its approval by the Board



## Status of systems development

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- At the ninety-fourth (94<sup>th</sup>) meeting of the Board, the secretariat reported a completion rate of ~ 75% for the web-based systems which development is planned to complete on 31.08.2017
- Currently, the development of the web-based systems has progressed to a completion rate of 90%, and is still planned to complete on 31.08.2017.
- This updated completion rate reflects the following work done since the previous information note:
  - Completion of the development of all the main functionalities of the systems by the selected external vendor
  - Iterative testing cycles to resolve critical bugs related to the main functionalities of the systems



# Internal regulator interfaces (samples of testing screen of all questionnaires)

United Nations  
Framework Convention on  
Climate Change

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## Clean Development Mechanism

Home

### Questionnaires

New Questionnaire  
New List

All questionnaires   Pending approval   Lists   Email templates

Title	Version	Status	Last Modified by	Last Modification	Actions
▶  Programme of activities (PoA)				Jun 21, 16:6PM	<a href="#">Edit</a> <a href="#">Delete</a>
▶  PDD				Mar 14, 20:3PM	<a href="#">Edit</a> <a href="#">Delete</a>
▶  CPA-DD				Jun 20, 17:6PM	<a href="#">Edit</a> <a href="#">Delete</a>



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# Internal regulator interfaces (samples of testing screen of a questionnaire)

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## Clean Development Mechanism

Home Questionnaires

### Questionnaire

Programme of activities (PoA)  
Version 2

Save

Questions Calculations Templates Status

+ Add a new section  
Reorganize sections

Create a New Question  
Reorganize questions

Search a Question...

Title	Variable	Creation	Created by	Last	Last Modified by	Actions
Classification		Jun 19, 15:33PM	Maximo Saenz	Jun 19, 15:33PM	Maximo Saenz	⋮
Enter your programme of activities (PoA) title	EC_COUNTRY					⋮
Enter the name of the Coordinating/Management Entity (CME)	EC_CME					⋮

Edit | Delete



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# Internal regulator interfaces (samples of testing screen of a calculation)

United Nations  
Framework Convention on  
Climate Change

APR

## Clean Development Mechanism

Home Questionnaires

### Questionnaire

NPV-Calc-Matrix  
Version 1

Save

Questions Calculations Templates Status

Calculate NPV

**Description**

Calculates and stores net present value of a cash flow in local variable NPV and also stores the same value into a READ/DISPLAY-ONLY variable NPV\_OUT

**Variable List** ← Output → Input

- NPV\_DISCOUNT\_RATE
- CASHFLOW\_DATA
- ← NPV\_OUT
- ← NPV

**Calculation board**

```
1 r=NPV_DISCOUNT_RATE
2 NPV_OUT=0
3 NPV=0
4 i=0
5 for x in Matrix(CASHFLOW_DATA, "Cashflow data", "B2", "B6")
6   NPV = NPV + x/(1+r)**i
7   i++
8 ###
9 Given syntax is:
10 var NPV = Matr( var matrix, "row", "col"
```



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# External user interfaces (samples of testing screen of home page)



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**Clean Development Mechanism e-Services**

The e-Services for the assisted design of projects and programmes to earn Certified Emission Reduction (CER) credits, and develop Standard Baselines.

**What the e-Services offer**

The Clean Development Mechanism e-Services assist you in Designing a Project, Designing a Programme of Activities (PoA) and its Component Project Activities (CPA), generating a tailored Monitoring Report form for a Project of Programme of Activities or developing Standardized Baselines.

**e-Services**

Guided questionnaires resulting in the generation of the design document for your emission reduction projects and programmes of activities, as well as the corresponding monitoring report forms.

- Design a Programme of Activities**  
PoADD  
Prepare your Programme of Activities design document for validation and registration.
- Design a Project Document**  
PDD  
Prepare your Project design document for validation and registration.
- Design a Component Project Activity**  
CPA  
Add an unlimited number of Component Project Activities for your Programme of Activities
- Standardized Baselines**  
SB  
Consult or develop Standardized Baselines and submit proposals if you're a Designated National Authority (DNA).



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# External user interfaces (samples of testing screen of draft submissions)

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Climate Change

APM Alain Patrick Medenou

## Clean Development Mechanism

Home

Design a Project Document [New Proposal](#)

	Title	Version	Status	Last Modification	Actions
▶ 📄	Bacolor Solar Power Project			Jun 26, 18:28PM	
▶ 📄	PDD			Jun 26, 18:28PM	
▶ 📄	PDD			Jun 26, 18:28PM	
▶ 📄	xcdf			Jun 26, 18:28PM	



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# External user interfaces (samples of testing screen of user's questionnaire)

United Nations  
Framework Convention on  
Climate Change

APM Alain Patrick Medenou

## Clean Development Mechanism

Home Proposals

PDD  
Runtime

1 Review 2 Documents

**Testing002**  
Display a message informing the used about the consequence of a choice made by them

**Enter your programme of activities (PoA) title**  
  
You can enter a title for your PoA and change it later

**Enter the name of the Coordinating/Management Entity (CME)**  
  
Please enter full names and not abbreviations

**Net calorific value of coal**

Summary of answers



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No additional implications related to the **IT budget**.



## Subsequent work and timelines

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- Implementing system functionalities of lower priority
- Fixing bugs found through further testing of the systems
- Demo of the systems at the ninety-sixth (96<sup>th</sup>) meeting of the Board.



## Recommendations to the Board

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- The secretariat invites the Board to take note of the update on the status of the work on the digitization of methodology-specific design document forms.

