

## Agenda item 4.1(b)(i)

Paragraphs 24 of the annotated agenda

# Draft Tool: Positive lists of technologies

**CDM EB 101**

Katowice, Poland, 26 to 29 November 2018



## Background

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- EB99 requested the MP to **prepare a concept note on update of positive lists** of technologies contained in methodologies addressing the following issues:
  - **Grace period** of the methodology version, and
  - **Process and criteria** for update of the positive list.



## Background

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- **29 methodologies contain positive list** of technologies for additionality demonstration.
  - **Group 1:** 10 methodologies **include expiry date** for positive list, i.e. ACM0001, ACM0002, ACM0014, AM0113, AM0116, AMS-II.C, AMS-II.J, AMS-II.S, AMS-III.G and AMS-III.H;
  - **Group 2:** 19 methodologies **do not include expiry date** for positive list, i.e. AM0001, AM0030, AM0031, AM0070, AM0086, AM0091, AM0101, AM0117, ACM0005, ACM0016, ACM0019, ACM0022, AMS-I.E, AMS-I.J, AMS-II.G, AMS-III.C, AMS-III.D, AMS-III.AR and AMS-III.AY.
- MP 76 proposed maintaining a tracking table ( as part of internal/external report of MP) for update



# Background

Table 1. Tracking table for positive lists in the methodologies

Sr. No.	(a) Methodology	(b) Date of approval of initial positive list <sup>(a)</sup>	(c) Log of dates of reassessment	(d) Date by when next re-assessment should be completed <sup>(b)</sup>
<b>Group 1 Methodologies</b>				
1.	ACM0001: Flaring or use of landfill gas	08 November 2013	04 May 2017 08 June 2018 <sup>(c)</sup>	
2.	ACM0002: Grid-connected electricity generation from renewable sources	20 November 2014	26 April 2018 08 June 2018	
3.	ACM0014: Treatment of wastewater	04 November 2016	08 June 2018	
4.	AM0113: Distribution of compact fluorescent lamps (CFL) and light-emitting diode (LED) lamps to households	07 November 2013 <i>(valid up to – 06 November 2016)</i>	08 June 2018	
5.	AM0116: Electric taxiing systems for airplanes	28 November 2015	08 June 2018	
6.	AMS-II.C.: Demand-side energy efficiency activities for specific technologies	28 November 2014 <i>(valid up to – 27 November 2017)</i>	08 June 2018	
7.	AMS-II.J: Demand-side activities for efficient lighting technologies	28 November 2014 <i>(valid up to – 27 November 2017)</i>	08 June 2018	
8.	AMS-II.S.: Energy efficiency in motor systems	28 November 2014	08 June 2018	



## Background

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- At EB 100 – EB asked the MP to revise i.e. **propose a draft tool**, that:
  - includes positive lists in methodologies that currently carry an expiry date;
  - assess **which meth/technology should be included in the proposed tool**;
  - indicate **expiry dates**; and
  - **specify** in an annex **process, criteria; and timelines** for the update of the positive lists.



## Purpose

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- Draft tool **addresses periodic assessment and update of the positive lists** contained in the methodologies where the Board has determined that such assessments would be necessary.
- Draft tool **is a new regulatory document.**



## Key issues and proposed solutions

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- Group 1 meths (para 6 of MP 76 concept note) classified based on the categories below:

Category	Methodologies	Positive list criteria
1 – Methane recovery from solid waste and waste-water	<ul style="list-style-type: none"><li>•ACM0001</li><li>•ACM0014</li><li>•AMS-III.G</li><li>•AMS-III.H</li></ul>	<ul style="list-style-type: none"><li>• Regulations at the host country (e.g., flaring of methane);</li><li>• cost of technologies relative to size.</li></ul>
2 – Energy efficient lighting technologies	<ul style="list-style-type: none"><li>•AM0113</li><li>•AMS-II.C</li><li>•AMS-II.J</li></ul>	<ul style="list-style-type: none"><li>• Database developed by UN Environment (implementation of policies for efficient lighting).</li></ul>
3 – Energy efficient technologies	<ul style="list-style-type: none"><li>•AM0116</li><li>•AMS-II.S</li></ul>	<ul style="list-style-type: none"><li>• penetration rate of a particular technology</li></ul>
4 – Renewable energy technologies	<ul style="list-style-type: none"><li>•AM0103</li><li>•ACM0002</li></ul>	<ul style="list-style-type: none"><li>• Cost and penetration of renewable energy technologies</li></ul>



## Key issues and proposed solutions

Category	Proposed solution	Rationale
1 – Methane recovery from solid waste and waste-water (ACM0001, ACM0014 AMS-III.G , AMS-III.H)	To <b>migrate positive</b> list to proposed tool	<ul style="list-style-type: none"> <li>Parameters (e.g., cost of technology relative to its size) may change over a period</li> </ul>
2 – Energy efficient lighting technologies (AM0113, AMS-II.C, AMS-II.J)	<b>Not to include</b> in proposed tool	<ul style="list-style-type: none"> <li>Positive lists have already expired;</li> <li>Penetration rate of CFLs and LED lights are rapidly increasing in non-Annex I countries;</li> <li>Conventional methods of additionality demonstration may be more appropriate</li> </ul>
3 – Energy efficient technologies (AM0116, AMS-II.S)	<b>Not to include</b> in proposed tool	<ul style="list-style-type: none"> <li>AMS-II.S: positive list has expired;</li> <li>AM0116: positive list is valid till 28/11/2018.</li> </ul>
4 – Renewable energy technologies (AM0103, ACM0002)	<b>Not to include</b> at this moment in the proposed tool.	<ul style="list-style-type: none"> <li>EB100 tasked MP to prepare an information note on LCOE and penetration rates of solar PV and on-shore wind technologies;</li> <li>to <b>consider their inclusion at a later date</b> based on the guidance that will be received from the Board.</li> </ul>





## Key issues and proposed solutions

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### Process, criteria and timeline for the update of the positive list

1. **Who** to initiate the analysis – MP shall initiate the analysis of the positive list of technologies
2. **Timeline** – 240 days prior to the expiry date of this tool.
3. **Process and Criteria** – MP shall review information on cost, penetration rates and other related information (e.g. regulations) on positive list technologies and comparable alternatives applicable to non-Annex I taking into account size thresholds and present the analysis for the consideration by the Board.
4. **Decision making** – EB shall decide on the continuation or graduation of the positive list of technologies.



## Key issues and proposed solutions

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### Process, criteria and timeline for the update of the positive list

#### 5. Flexibility;

- a. **EB may include additional technologies** at any point in time.
- b. **Stakeholders may propose addition of technologies as per** “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”.
- c. In such cases, validity of technologies added is limited to remaining validity period of the tool.

**6. Validity of this tool** remain in line with the requirements under section 7 of the “Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools”.



## Impacts

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- Draft tool will **simplify the process related to update of the positive list** contained in the methodologies (with an expiry date), which will provide more clarity and predictability to the stakeholders.



## Subsequent work and timelines

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Following methodologies need to be revised to include reference to this draft tool.

- a) **ACM0001**: Flaring or use of landfill gas;
- b) **ACM0014**: Treatment of wastewater;
- c) **AMS-III.G**: Landfill methane recovery; and
- d) **AMS-III.H**: Methane recovery in wastewater treatment.



## Recommendation to the Board

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The MP recommends that the Board **approve the draft methodological tool** and **provides the mandate to revise four methodologies**



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# Thank You



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