

Minutes of the pre-inception meeting

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📎 1 attachments (2 MB)

updated UNIDO BMW TTC-MSPL Pre-Inception meeting_v2.pdf;

Dear All,

On the 30th May 2019 a pre-inception meeting took place at the UNIDO project office between TTC-MSPL and UNIDO where most clarifications sought as per the agenda sent earlier, were clarified by UNIDO for the project on " Domestic market analysis of environmentally sound management of biomedical waste in India" . Please also find attached the presentation updated on 30th May with inputs from UNIDO. The minutes of the meeting are as follows:

Domestic Market Analysis of Environmentally Sound Management of Medical Wastes in India	
Purpose of Meeting	To address pre-inception meeting queries and undertake approval on the methodology
Date & Venue	30.05.19, UNIDO office, Delhi
Participants	Ms. Shradha Gupta, Dr.Dhrubaa Ghosh, Dr. Remant Tiwari, Ms. Geet Sohal, Ms. Lipsa Nayak
<ul style="list-style-type: none">• The pre-inception presentation was finalized post approval of Ms. Shradha on the revisions as suggested in the pre-inception meeting. Approval on the list of two identified districts per state has also been undertaken.• One nominated official under the following list of stakeholders have been approved of for formal interviews<ul style="list-style-type: none">- State Pollution Control Board- Dept of Health & Family Welfare- Municipal Corporation- Central Pollution Control Board (At a later stage of the project implementation with prior intimation to UNIDO)- District Health Officers/ Municipal Commissioners- Healthcare facility- CBWTF operator- Recycle unit operator• Level of data to be collected from Municipal Corporation<ul style="list-style-type: none">- Identify gaps in the Waste management system including mixing of biomedical waste in general waste.- Technological augmentation- Components of Finances & costing involved- Mitigation measures adopted by the Municipal Corporation to streamline the waste management system• As suggested by Ms. Shradha the consulting team have to also visit 1 metal waste recycle unit per state. The list of such units can be taken from CPCB website.	

- With response to the consulting team queries on the filed level support and facilitation required from UNIDO, Ms. Shradha Gupta assured that the UNIDO State Technical Advisors (STA's) and Field & Nodal officers shall act as the point of support. The Consulting team have to write down formal emails to the concerned officials requesting for necessary support and information. The list of information required, district/state level authorities to be visited and stakeholders to be interviewed has to be specified in the email.
- Similarly, the consulting team will have to request assistance of the UNIDO STA's and Field/Nodal officers in finalizing the list of healthcare facilities for the onsite- assessment. The consulting team can ideally provide a list of criteria for selection of healthcare facilities in the email.
- Expected list of documents to be studied
 - BMW rules 2016
 - Revised Guidelines for CBWTF 2016
 - Plastic waste management rules 2016
 - Biomedical waste management implementation guidelines
- As suggested by Ms. Shradha for Cost Benefit Analysis the WHO tools can be referred. Similarly, CDC and OSHA guidelines for biomedical waste management can be referred for developing the field survey toolkits.
- As per mutual discussion for the ease of identification of Vendor- Suppliers of consumables and equipments for healthcare facilities, CBWTF and waste recycling units, the State Procurement Cell can be approached for information on the list of authorized vendors/ suppliers.
- The components to be studied in the waste recycling units have been identified as the following
 - Identification of units specific for recycling of biomedical plastic waste
 - Scope of development of such units specific for treatment of biomedical plastic waste
 - What revenue is generated from recycling plastic waste
 - What revenue is generated from selling of plastic waste recycled products
 - Capital expenditure for setting up the plant
 - Operational expenditure
 - Transportation costs involved in collection from CBWTF's
 - The difference in revenues in recycling of plastic waste and selling off to market vendors
- As instructed by Ms. Shradha the components of technological augmentation that the final study output should bring out has been identified as the following
 - Which waste treatment technology fits best the Indian scenario
 - What additional technological upgradation can further reduce the POP emission into the atmosphere
 - Financial viability of technological upgradation
 - What support/ subsidy is required from government side
 - Areas of PPP engagement and financially viable models

with best,

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