



ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Bruhat Bengaluru Mahanagara Palike

Office of the Special Commissioner, Forests, Environment, Climate Change Management

Proceedings of meeting held on 23-01-2025 under the Chairpersonship of Special Commissioner (Forest, Environment, Climate Change Management) regarding the Implementation of Bengaluru Climate Action and Resilience Plan (BCAP)

Date: 23.01.2025

Time: 10:30 AM – 11:30 AM

Venue: BBMP head office

Participants:

1. Smt. Preeti Gehlot, IAS - Special Commissioner (Forest, Environment, Climate Change Management), BBMP
2. Ms. Priya Narayana - Senior Program Manager, WRI India
3. Ms. Praseeda Mukundan - Senior Program Research Associate - Urban Development, WRI India
4. Mr. Arun Manohar - Senior Program Associate - Urban Development, WRI India
5. Mr. Zair Belgami - Program Research Associate - Urban Development, WRI India
6. Ms. Rakshitha - Intern, WRI India
7. Ms. Priyanka Jamwal - Senior Fellow, ATREE
8. Mr. Jayanth S - Research Associate, ATREE
9. Ms. Pragati S - Regional Lead, EFI
10. Mr. Rajesh R - Consultant, Well Labs
11. Ms. Neelima - Consultant, BIOME
12. Mr. Biraj B - Researcher, Prayoga
13. Ms. Nishita - Partner at Compartment S4
14. Ms. Sharathapriya - Program Manager for B-CAC
15. B-CAC Fellows - Ms. Meghana, Ms. Bhuvana, Ms. Jeevitha, and Mr. Suraj

Agenda

- To assess the developments related to the BlueGreen infrastructure in Bengaluru, particularly the ongoing efforts towards the creation of a Standard Operating Procedure (SOP) for its implementation.
- Discussion on the timelines for creating SOP's suggested by the Partner Organisations.

Key discussions and next steps:

- The meeting commenced with Smt. Preeti Gehlot, IAS - Special Commissioner (FECCM), BBMP, setting the context by highlighting that this is the second meeting being convened with all the organizations present.
- In the previous meeting, various proposals on the Standard Operating Procedure (SOP) for Blue-Green Infrastructure Network (BGIN) were presented. Given the shared focus on blue-green infrastructure, it was suggested that all organizations collaborate to develop a unified SOP for BGIN.

- This approach aims to leverage the collective expertise and insights of the organizations involved. The purpose of today's meeting is to review the progress made on this initiative and discuss the timeline moving forward.

WRI India and Biome

- Biome and WRI have compiled matrices for urban greening and recharge wells, providing site-specific information for site engineers.
- WRI has collaborated with Biome, ATREE, Well Labs, and Compartment S4. Discussions with Prayoga and CDD are pending for SOP development for BGIN.
- The first draft of the SOP on urban greening typologies is ready. Biome has completed the sections on recharge wells and open wells, while ATREE is finalizing content on lakes. Conversations with Compartment S4 on stormwater drains and rajakaluves are ongoing. Well Labs will provide scientific inputs.
- SOP 1.0 (covering urban greening, recharge wells, and open wells) is targeted for release on March 21st 2025, aligning with World Water Day. SOP 2.0 (focused on lakes) is planned for June 2025.
- Smt. Preeti Gehlot, IAS, inquired about the categorization of components and whether all aspects are included. WRI confirmed that both blue and green components are covered and that the SOP will be concise and effective.
- Smt. Preeti Gehlot suggested creating an operational SOP that outlines the approval process for implementation.

ATREE

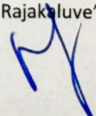
- In response to a question from Smt. Preeti Gehlot about lake restoration techniques (including plant species, bioenzymes, and floating islands), Priyanka from ATREE clarified that plant species are effective, bioenzymes are not, and floating islands are being tested through a pilot project. The pilot aims to analyze how different plants absorb phosphorus and pollutants.
- ATREE is currently restoring five lakes and has completed baseline surveys. This week, they will engage with the community on shoreline rejuvenation.
- Their approach divides the lake into six zones, with tailored restoration strategies for each zone.
- The SOP for lake rejuvenation is expected to be finalized by June 2025.
- A demonstration of the "Aqua Wise" tool was provided, showcasing how it supports blue-green infrastructure in schools. Due to funding issues, the tool hasn't been implemented yet. A similar tool is planned for lakes.
- Smt. Preeti Gehlot recommended piloting the tool in BBMP schools.

Well Labs

- Well Labs plans to collaborate with ATREE on lake shorelines and will conduct a consultative workshop in March.
- Agreed to contribute on storm water drainage and Rajakaluve.

Compartment S4

- Compartment S4 is working on two projects with BBMP:
 1. A 1-km stretch along the rajakaluve buffers in Banaswadi.
 2. An 8-km stretch from Hebbal to Hennur to make the buffers viable.
- Discussion on integrating tool kit comprising guidelines for buffer zones of Rajakaluve's in SOP.



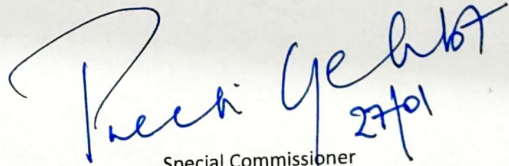
- Action Item: Confirmation of contributions to the SOP is pending.

EFI

- EFI indicated that they have already begun on-ground implementations, including recharge well installations, and are working on the development of 7-8 lakes in and around Bengaluru.
- Providing case studies would be the role in SOP.

General discussions:

- Smt. Preeti Gehlot agreed to assist with funding from CAC to consolidate the SOP content and design.
- Compartment S4 and ATREE requested acknowledgment letters from BBMP for their contributions to the SOP development.
- Smt. Preeti Gehlot suggested that Prayoga collaborate with other organizations to refine their contributions.



Special Commissioner
(Forest, Environment, Climate Change Management)
Bruhat Bengaluru Mahanagara palike

Copy submitted to: -

1. Hon'ble Administrator, Bruhat Bengaluru Mahanagara Palike for kind information.
2. Chief Commissioner, Bruhat Bengaluru Mahanagara Palike for kind information.

Copy to: -

1. M/s. WRI, India
2. M/s. ATREE
3. M/s. Well Labs
4. M/s. Compartment S4
5. M/s. EFI
6. M/s. Prayoga
7. Office Copy