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Bruhat Bengaluru Mahanagara Palike

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Office Of The Special Commissioner, Forests, Environment, Climate Change Management

Proceedings of meeting held on 12-04-2024 under the Chairpersonship of Special Commissioner (Forest, Environment, and Climate Change Management) regarding the implementation of Bengaluru Climate Action and Resilience Plan (BCAP)

Date: 12.4.2024

Time: 11 AM- 1 PM

Venue: BBMP Head Office

Participants:

1. Smt. Preeti Gehlot IAS, Special Commissioner (Forest, Environment, Climate Change Management) BBMP
2. Sri. Basavaraj Kabade, Chief General Manager, BSWML
3. Sri. Vijay Kumar Haridas, Chief Engineer, Lakes, BBMP
4. Sri. Chandrasekhar M R, Deputy Director, Horticulture, BBMP
5. Sri. BGL Swamy, Deputy Conservator of Forest, BBMP
6. Sri Balaji M T Executive Engineer, TEC, BBMP
7. Sri. Basavaraj, Consultant Disaster Management , BBMP
8. Ms Shrimoyee Bhattacharya, Program Head, Urban Development, WRI India
9. Ms. Praseeda Mukundan, Senior Program Research Associate- Urban Development, WRI India
10. Dr. Priya Narayanan, Senior Program Manager, Urban Development, WRI India
11. Ms. Benjamin John, Senior Manager Climate Implementation, C40 Cities
12. Ms. Akshata Venkatesha, Inclusive Climate Action City Advisor, C40 Cities
13. Ms. Neelima, Biome Environmental Trust
14. Mr. Krishna, Biome Environmental Trust

Summary of the discussion:

Special Commissioner (Forest, Environment, Climate Change Management) started the meeting by going through draft letter prepared by WRI India for conducted one-to-one meetings with departments to familiarize them on BCAP and to take stock of ongoing activities aligned to BCAP. This was followed by a discussion on the upcoming activities planned for the Climate Action Cell(CAC) and the type of support provided by the knowledge partners- WRI India, Biome Environmental Trust and C40 Cities.

Key decisions:

1. One to one meetings with stakeholder departments

- One to one discussions to be conducted with nodal officers of all departments to familiarize them on BCAP and to take stock of ongoing activities aligned to BCAP. Tentatively these meeting are to be conducted between 16th April to 24th May 2024 (depending on the availability of the departments).


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- The draft letter shared by WRI India has been approved with slight changes made.
- BBMP EEs will be joining WRI India & C40 Team for these meetings at the respective offices of the departments.
- During these one-to-one meetings, the CAC team will take dates from the departments for a second round of meeting between 13th May to 31st May 2024. The heads of the departments will be part of this meeting.
- CAC will reach out again to departments like KSPCB who haven't appointed nodal officers for the cell.

2. Support to ongoing and upcoming activities provided to CAC by knowledge partners:

- **Shortlisted ongoing activities are:**

- Monitoring, evaluation and reporting of BCAP
- Climate Budgeting
- Project Preparation and Prioritisation
- Capacity building for BCAP implementation
- Exploratory discussion for new initiatives
- Develop partnerships and create opportunities for participation and engagement
- Disseminate BCAP and CAC's activities
- On-ground implementation actions:

a) Interventions in Parks

- a.1 Implementation of Recharge wells based on Blue-Green Infrastructure Network(BGIN) concept
- a.2 Plantation Activities
- a.3 Placement and Creation of Sumps

b) Interventions in Lakes

- b.1 Installing Filter Borewells
- b.2 Plantation Activities
- b.3 Lake Rejuvenation: Installing aerators, Creating Floating wetlands, restoration of catchments areas, etc.

c) Mapathon for identifying locations for plantation activities

d) Implementing urban farming and water security measures in Schools

e) Wastewater value chain management

f) Open well rejuvenation

g) Rejuvenation of Borewells

- **Support to be provided by knowledge partners:**

- **WRI India**

1. List of activities that WRI India will provide support to the cell is added as *Annexure 1*.

- **Biome Environmental Trust**

1. List of activities that Biome will provide support to the cell is added as *Annexure 2*.
2. CAC to write an official letter to Biome Environmental Trust for support in the following:
 - a. 20 lakes have been identified where filter borewells are to be installed.
 - b. Identification of recharge well/open wells.
3. Rainwater harvesting in schools:

- a. Rainwater harvesting, toilet and garden infrastructure to be integrated in this project. Biome will provide knowledge support in this.
- b. This is to be done in a centralised way for all BBMP schools.
- c. CE lakes and Project wing to identify and come up with a plan to check the feasibility of schools:
 - i. CE lakes/Projects wing to write a letter to zonal CEs and EE projects to identify the current status of rainwater harvesting systems in all BBMP buildings (schools, hospitals, etc.) and to identify the possibility of connecting this system to toilet and garden infrastructure.

– **C40 Cities**

1. Climate budgeting

- a. C40 Cities in discussion with BBMP will tailor knowledge support on Climate Budgeting as per BBMP's requirements.
- b. A nodal officer will be appointed from BBMP's Finance department. Dayanand AS could be considered for this.

2. Zero Emission Areas

- a. C40 cities will organise a workshop on Zero Emission Areas between the 1st/2nd weeks of May '24. An agenda note will be shared shortly with BBMP.

3. Solid Waste Management

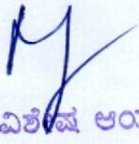
- a. Training modules have been reviewed by BSWMCL
- b. BSWMCL to issue a letter for Bommanahalli zonal office to facilitate training and capacity-building initiatives.
- c. Training sessions: We are aiming to conduct at least two training sessions in April: for BWGs and waste collection staff.
- d. The inclusive Monitoring & Evaluation Framework for BWGs is underway
- e. ICA in-person workshop is being planned for July. We will shortly be coming to BBMP and BSWMCL for their support on this matter.

4. Energy

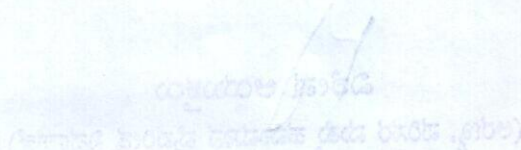
- a. C40 Cities will support KREDL/ BESCOM/ BBMP through a technical assistance programme on Energy Transition of Government Buildings with a focus on adoption of Rooftop PVs. A project proposal note will be shared with all the concerned depts regarding the scope of the project.

3. **Mapathon Exercise**

- WRI India is working on identifying potential locations of planning in Bommanahalli zone use landuse data.



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- WRI India to provide the methodology of the current mapathon exercise to DCF, to scale it up for the entire city.
- KRSAC to do identification based on this methodology (as per land use). Ground truthing is to be done post this stage by the BBMP's Forest department officials. DCF to take this forward.
- DCF to identify educational institutions where the Mapathon exercise can be conducted. Christ College could be approached for the same.

4. CAC Webpage

- All the filing procedures are completed. The webpage of the Climate Action Cell will be live shortly.

5. KPI format requested by ACS and Development Commissioner

- Parks, Lakes, Horticulture and Disaster Management departments are yet to share the KPIs.
- Once the KPIs have been filled in, it will be shared with HODs to agree with the same.
- Disaster Management Plan for Bengaluru:
 - CAC to check with KSNDMC regarding the same. A VC can be conducted on this post elections.
 - CAC will go through all the official orders passed by the Chief Commissioner regarding this to get more clarity on the status of the Disaster Management Plan.

6. A plan for expenditure of CAC budget

- Rs. 10 cr has been allotted in 2024-25 BBMP budget for the Climate Action Cell. WRI India will help CAC in chalking out an expenditure plan which has maximum impact.
- Following are tentative areas where this budget can be used.
 - Improving the cell's capacity by hiring some experts/consultants
 - Remuneration for fellows (through the Fellowship programme)
 - Organizing events like Techathon, CSR convening, etc.
 - Constitution of task forces for different BCAP sectors. These task forces can also be the jury to give the Blue-green awards.

Other decisions:

1. A 'local/sub-city level water plan' (based on watershed) is needed for the city. BWSSB, experts, etc. are to be involved in preparing this.
2. WRI India to share with CAC the list of experts created during the preparation of BCAP.
3. CAC needs to hire an MEL person for its activities. WRI India will support CAC in preparing the Job Description for this role.
4. *Green energy transition:*
 - a. CAC has to schedule a meeting with KREDL.
 - b. CE Lakes to find a consultant who can conduct 'Energy Audits' for public buildings.

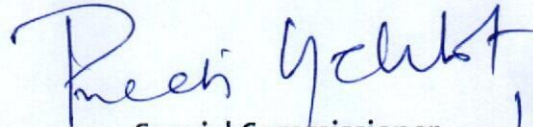
Immediate To-Dos for the Climate Action cell:

1. Send letter to stakeholder departments for conducting one-to-one meetings on BCAP stock taking.
2. Write to all stakeholder departments who have not appointed nodal officers for CAC yet.
3. Write to KREDL for scheduling a meeting to discuss 'green energy transition of public buildings'.

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4. CAC to write an official letter to Biome Environmental Trust for support in the following:
 - a. 20 lakes have been identified where filter borewells are to be installed.
 - b. Identification of recharge well/open wells.
5. Write a letter to zonal CEs and EE projects to identify the current status of rainwater harvesting systems in all BBMP buildings (schools, hospitals, etc.) and to identify the possibility of connecting this system to toilet and garden infrastructure.
6. Office order for EE lakes to join WRI India and C40 for one-to-one stakeholder meetings.
7. Contact BWSSB / IISC and RVCE for providing hydro-geologist/expertise in identifying the right locations and for preparation of 'local/sub-city level water plan' (based on watershed).
8. Identify educational institutions where the Mapathon exercise can be conducted. Ideally a college with a computer lab and around 20 desktops.


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Special Commissioner,
(Forests, 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. The Commissioner, Directorate of Urban Land Transport.
2. The Commissioner, Forest, Environment and Ecology.
3. The Police Commissioner, Bangalore City.
4. The Managing Director, BMTCL
5. The Managing Director, BMRCL
6. The Chairman, BWSSB
7. The Managing Director, BESCOM
8. The Commissioner, BDA
9. The Commissioner, Mines and Geology
10. The Commissioner, Tourism department.
11. The Commissioner, Transport.
12. The Commissioner, Commerce and Industries.
13. The Commissioner, KSDMC.
14. Chief General Manager BSWML, BBMP
15. Executive Engineer, BWSSB,
16. M/s.WRI India
17. M/s Biome.
18. M/s C40
19. Office copy.