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**Bruhat Bengaluru Mahanagara Palike**

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

Proceedings of meeting held on 18-12-2024 under the Chairpersonship of Special Commissioner (Forest, Environment, Climate Change Management) regarding the Implementation of Bengaluru Climate Action and Resilience Plan (BCAP)

Date: 18.12.2024

Time: 4:00 PM - 5:30 PM

Venue: BBMP head office

**Participants:**

1. Smt. Preeti Gehlot, IAS, Special Commissioner (Forest, Environment, Climate Change Management) BBMP
2. Mr. Vijay Kumar Haridas, CE, Lakes Dept, BBMP.
3. Mr. Sharath, EE, Lakes Dept., BBMP.
4. Mr. Srinivas Alavalli, Fellow, Integrated Transport & Road Safety, WRI India
5. Mr. Zair Belgami, Program Research Associate- Urban Development, WRI India
6. Mr. Anirudh S Dutt, Let's be the Change
7. Mr. Shashini HS, Let's be the change
8. Ms. Syama BS, Swasti
9. Mr. Nikhilesh VU, Swasti
10. Mr. Ashish VR, Purpose
11. Ms. Neeth, Purpose
12. Mr. Shanish VN, ESAF Foundation
13. Mr. Abhishek prasad, Suspot center for sustainability
14. Ms. Sneha Suresh, Kreate Foundation.
15. Ms. Meghana, CAC Fellow, BBMP
16. Mr. Sanjay, CAC Fellow, BBMP
17. Ms. Bhuvana, CAC Fellow, BBMP
18. Mr. Prithvi, CAC Fellow, BBMP

**Agenda**

1. The Climate Action Cell (CAC) has received several proposals for potential collaboration with CAC. The agenda of this meeting chaired by Special Commissioner was to review the proposals and to decide next steps on it.

Following are the organisations who had presented their proposals to CAC:

1. Let's be the Change.
2. Swasti.
3. Purpose.
4. B.PAC.
5. ESAF Foundation.
6. Suspot – Centre for Sustainability.

## Review of Collaboration Proposals-

- Let's be the Change (Anirudh S Dutt)

Proposal: Sustainable Waste Management (SWM) Project.

- Achieved over **95% waste segregation** in the community. Established a **systematic and regular waste collection system**.
- Successfully implemented **technology-powered behavioural changes** for waste management. Empowered women through **upcycling initiatives**.
- If households are adopting sustainable practices, then incentives are provided to them.
- Aim for a **scalable and sustainable waste management system**.
- Colour coded bins are provided to households and numbers are provided to each household.
- Promote a **clean community** through active synergy with local authorities. 60% reduction in waste sent to landfills within 8 to 10 months.
- Complete elimination of garbage dumps in the community, ensuring:
  1. A cleaner environment.
  2. Reduced mosquito and water-borne diseases.
  3. Minimized health hazards.
- Behavioural shift among residents towards greater ownership and responsibility for community upkeep.
- Generate revenue for Self-Help Groups (SHGs) through upcycling textiles and other waste materials.
- Successfully implemented for 5,000 households from 2021 to 2023.
- Expansion planned for the entire Adugodi Ward, covering 12,000 households.
- Support for Project Implementation:
  1. Ensure a consistent waste collection service by contractors for timely and systematic pickup of segregated waste.
  2. Allocation of dedicated marshals to monitor and enforce waste segregation practices within communities.
- Community Engagement:
  1. Permission granted for door-to-door awareness campaigns, audits, and other community engagement programs.
- Infrastructure Development:
  1. Support for Dry Waste Collection Centres (DWCC) and other necessary infrastructure development.
- Access to Resources:
  1. Access to data and resources from BESCO/BWSSB to streamline door-to-door surveys in Adugodi Ward.
- Way forward – To submit the proposal to CAC to further initiate the process and approvals.

- Swasti (Syama BS , Nikhilesh VU)

Proposal: Precision Action Towards Climate and Health (PATCH) for Bengaluru City

- PATCH initiative aims to address climate change's impact on public health using data-driven approaches. Focus on developing a hyper-localized Early Warning System (EWS) for Bengaluru city.
- Creation of a digital dashboard integrating weather data, health data (including AMR), socio-economic geography, water (lakes/rivers), and wastewater surveillance.

- Stakeholder consultations for evidence-based decision-making on climate-mediated health risks.
  - Worked during COVID situation in the city
  - Technical support to city agencies for understanding climate risks and developing risk communication strategies.
  - PATCH is already operational in Anantapur, Chennai, Meghalaya, and Tabaco City, Philippines.
  - Work for Bengaluru is an extension of this ongoing initiative.
  - Operationalization of a digital platform/dashboard in Bengaluru with real-time climate-health data integration.
  - Enhanced planning and execution of public health interventions.
  - Strengthened capacity of local health systems to respond to climate-health emergencies proactively.
  - Location: Bengaluru city, Timeline: April 2025 - March 2026, Project Duration: 12 - 18 months.
  - Way forward – To give a detailed report about what is the requirement from each department and how can it be taken ahead after that as suggested by special commissioner.
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- Purpose (Ashish, Neeth)
    - Proposal: Participatory Climate Action Plan with Informal Low-income Communities
    - Engage the Climate Action Cell (CAC) with the informal workforce in Bengaluru to share BCAP and BCAC activities.
    - Identify and address community needs through participatory action, including:
      1. Bus routes and bus stop signages.
      2. Rainwater harvesting units in parks.
      3. Solid Waste Management (SWM) awareness.
    - Create BCAP leaders within informal communities.
    - Women are the main stakeholders of this initiative.
    - Installation of bus stop signages at 4 locations until permanent stops are established.
    - Introduction of a feeder bus service to Jayanagar metro station from Byrasandra.
    - Active participation from community members in identifying and addressing local issues.
    - Collaboration between the CAC and informal workforce to build trust and ensure inclusivity.
    - Request CAC to actively engage with community members from informal settlements.
    - Facilitate discussions to understand their needs and gather ideas for the implementation of BCAP.
    - Support in implementing rainwater harvesting systems in 2 parks. Assistance with allocating BBMP funds for the project or connecting with CSR initiatives for funding and execution.
    - The CAC's support in engaging with informal communities, securing funds or partnerships for rainwater harvesting, and obtaining permissions for temporary bus signage will be pivotal for the successful implementation of BCAP initiatives.
    - Way forward – Community level engagement could be enhanced through these initiatives and a detailed report or format could be submitted to understand how it aligns with climate action plan and initiatives.



- **ESAF Foundation (Mr. Shanish)**

**Proposal: Sustainable Neighbourhood Improvement Programme**

- Build capacity among urban communities for community engagement activities promoting sustainability and cohesion.
- Encourage active mobility, public space rejuvenation, safe school routes, and urban agriculture initiatives.
- Key Initiatives:
  1. Monthly Open Streets Events: Promote car-free streets to encourage active mobility.
  2. Reclaiming Public Spaces: Clean-up drives, tree plantations, and revitalization of parks and lakes.
  3. Safe Routes to School Program: Design child-friendly, safe walking and cycling routes for students.
  4. Urban Agriculture: Initiatives like school farming, terrace farming, and community farming; facilitate neighbourhood farmers' markets.
  5. Terrace farming and community farming initiatives in HSR layout, HRBR layout.
- They plan to host 12 Open Streets events annually.
- Want to Establish 5 urban agriculture sites per year.
- Rejuvenate identified public spaces.
- Plant over 500 trees within the year.
- CAC Support –
  1. Obtain permissions from concerned departments to facilitate smooth project implementation.
  2. Seek CAC's support for scaling the program and developing necessary infrastructure.
  3. Request allocation of government resources, such as faculty and resource persons, to aid program activities.
  4. Obtain permission to conduct activities under the BBMP and CAC banner, including the use of the BBMP logo for branding purposes.
- Way Forward – A detailed report to be given to analyse the proposal further as suggested by special commissioner.

- **Suspot – Centre for Sustainability\_Kreate Foundation (Sneha Suresh, Abhishek Prasad)**

**Proposal: Integrated Platform for Lake Rejuvenation, Urban Greening, and Community Well-being in Bengaluru**

- Focus on restoring lakes by reducing pollution and improving their ecological balance.
- Promote greenery and biodiversity in the areas surrounding the lakes.
- Use technology to create transparent systems for managing lakes.
- Encourage community involvement and partnerships to ensure the project's success.
- Develop a sustainable and easily replicable model for restoring urban ecosystems.
- Expected Results:
  1. Lakes with better water quality, thriving biodiversity, and improved ecosystems.
  2. Transforming lake areas into eco-friendly recreational and educational spaces.
  3. A clear, replicable framework for sustainable urban lake restoration.
- To be implemented at a selected lake within BBMP limits. Focused areas: South Bangalore, Bommanahalli region, or similar sites.




- Implementation begins post lake identification and necessary paperwork completion.
  - Estimated duration: 24-36 months (inclusive of planning, pilot execution, and monitoring).
  - Ensuring stakeholder alignment throughout the project, Maintaining Lake health post-rejuvenation, Navigating and liaising with government processes effectively.
  - Way forward – Was asked to identify two lakes under BBMP and prepare a report based on that and to connect with CE Lakes for further details.
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- **B.PAC (Mr sharath)**
    - Proposal: B.PAC and TE Connectivity India Pvt Ltd – Yuva Hasiru Rakshaka Program.
    - B.PAC and CGI Infosystem India Pvt Ltd - Setting up EV charging station for public In BBMP Head office under the aegis of Bengaluru Climate Action Cell
    - Way forward – Approval was given for both the proposals and further details to be discussed eventually.
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- **Discussions on proposals**
    - Let's be the change and B.PAC can be discussed further.
    - Let's be the change – As suggested by special commissioner the team is to submit the proposal to the CAC and further communications will be initiated by CAC.
    - A draft letter along with proposal to be submitted to the CAC and addressed to the special commissioner.
    - Swasti – Framework is conceptually fine but it must be detailed out further as suggested by special commissioner. Prototype to be contextualised to Bengaluru city.
    - Suggestion – Template can have some space for pictorial representation and few examples to showcase for the organisations to explain better.
    - Alli Serona collective – To be detailed more and discussed further.
    - ESAF – Was asked to share detailed report about the proposal and way forward.
    - Suspot – Lake rejuvenation and monitoring system, to attend the meeting with CE lakes for proposal.
    - B.PAC – approval has been given
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- **Key Discussions and takeaways:**
    - 21<sup>ST</sup> Event discussion.
      - Bengawalk – It was discussed that data from department (lakes, Horticulture) to be collated and then the team will create content from that as suggested by Srinivas sir.
      - Launching mapathon guidebook book and small introduction to be prepared for that.
      - Update on open wells to be given and request people to help in identifying wells as an initiative.
      - Slide deck must be done for Special commissioner to explain different activities that CAC has done and update about ongoing initiatives.
      - Updates on collaborations and proposals that have been reviewed till date.
      - Friends of climate action cell growth and participation information.
      - CHATBOT final set of question and answers have been sent to B.PAC and final review meeting will be conducted on 19<sup>th</sup> dec 2024 by CAC team.



- Blugreen awards poster and brochure to be presented during the event and promote the initiative.
- After the event individual post on every activity that was presented during the event must be posted and circulated.
- Introduction to fellows to be planned in the initial session.
- Collaboration meeting updates and how many have been done till date to be mentioned in the slide deck.

**Event agenda discussed:**

- Welcome
- Progress review by Special commissioner
- Introduction of Fellows (10min)
- Collaboration of the friends of climate cell (Collage – word Cloud)
- Timeline of CAC – updated on Website
- Mention the update of Collaboration interaction – Review meeting held (25 Proposals)
- New Launch and Announcements
- Chatbot - CGI
- Demo of Solar Roof Top Explorer- CSTEP
- Launch of Mapathon – Guide Book
- Announcement of Blugreenuru Awards – WRI & APU
- Launch of lakes and parks – social media (BengaWalk)
- Update on open Wells and Virtual Mapathon - ICC
- Interaction - Join the Friends discussion group (Form & WhatsApp) & Moderated discussion
- Conclusion – Vote of thanks.

  
 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. Let's be the change
3. M/s. Swasti
4. M/s. Purpose.
5. M/s. B.PAC.
6. M/s. ESAF
7. M/s. Suspot
7. Office Copy