

City Sanitation Task Force Meeting

As part of the City Sanitation Plan for Raipur

29th May 2010

Municipal Meeting Hall, Subhash Stadium, Raipur

Organised By:

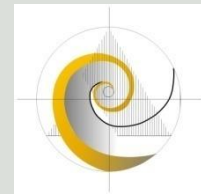
NAGAR NIGAM, RAIPUR



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1. Introduction

The National Urban Sanitation Policy (NUSP) formulated by the Ministry of Urban development (MoUD) aims at integrating a city wide approach to sanitation, to reach the poor and the unserved. The NUSP outlines the vision of urban sanitation as:

“All Indian cities and towns become totally sanitized, healthy and livable and ensure and sustain good public health and environmental outcomes for all their citizens with a special focus on hygienic and affordable sanitation facilities for the urban poor and women”

Raipur has scored 274 and falls in the red category in the recent National Urban Sanitation Rating released by the Ministry of urban Development. Under the NUSP, city of Raipur has to prepare the City sanitation Plan (CSP). In order to make planning, implementation, monitoring and evaluation of city wide sanitation more participatory and representative, NUSP has suggested creation of City Task Force (CTF). Also capacity building and awareness campaign are recognized as integral part to achieve 100% sanitation.

GTZ-ASEM is supporting the preparation of City Sanitation Plan for Raipur. The consortium formed by CDD Society, Alchemy Urban Systems and CEPT University is preparing the CSP for Raipur. The Leading partner for Raipur, Alchemy, has undertaken background studies about the city. The stakeholders to be part of the CTF were identified with the help of the Municipal Corporation. A three hour session was organized with the participation of various stakeholders to form the City Task Force (CTF). In this meeting the stakeholders also identified issues with regard to sanitation.

2. Roll out of the program

The meeting deviated from the original agenda and sequence. The program started with a round of self introductions by all the participants. The original agenda is annexed to this report (refer Annexure 1).

Outline of the meeting is as follows:

Introduction	Sri. Alok Chandravanshi, Deputy Commissioner, Raipur Nagar Nigam
Introduction to GTZ's technical involvement in Raipur	Dr. Pratibha Singh, GTZ Consultant, Environmental Cell, Raipur Nagar Nigam
Brief introduction and welcome of participants	Dr Dirk Walther, Senior Technical Advisor, Indo-German Environment Programme-ASEM, Sustainable Urban Development , GTZ
Introduction to City Sanitation Plan and City Task Force	Sri. B.R. Balachandran, Team leader
Power point presentation on City Sanitation Plan and	Sri. Alok Chandravanshi, Deputy

City Task Force	Commissioner
Address	Sri. Sanjay Srivastava, Standing Committee Chairman, Raipur Nagar Nigam
Address	Smt. Kiran Mayee Nayak, Mayor, Raipur Nagar Nigam
Group formation and discussion	Moderated by Sri. Alok Chandravanshi, Deputy Commissioner, Raipur Nagar Nigam and Sri. B.R. Balachandran, Team leader
Address	Dr. A. Boaz, Additional Conservator of Forest
Closing remarks	Sri. B.R. Balachandran, Team leader
Vote of thanks	Dr. AmritChopra, Health Officer, Raipur Nagar Nigam

3. Introduction to City Sanitation Plan for Raipur



Sri. Alok Chandravanshi
Deputy Commissioner
Raipur Municipal Corporation

- Introduction to City sanitation Plan
- Introduction to the technical team and their assistance

Dr. Pratibha Singh
GTZ Consultant, Environmental Cell
Raipur Municipal Corporation

- Involvement of GTZ in Raipur with the State Government and the Raipur Nagar Nigam
- Purpose of the present meeting as per National Urban Sanitation Policy
- Expectations from the City Task force

Dr Dirk Walther
Senior Technical Advisor
Indo-German Environment Programme-ASEM

- Brief introduction
- Welcome to participants

4. Presentation on the City Sanitation Plan and City Task Force



Mr. B.R. Balachandran
Team Leader, City Sanitation Plan Team
Alchemy Urban Systems Pvt. Ltd.

Bangalore

As there was no power supply Mr. B.R. Balachandran, the team leader for the City Sanitation Plan for Raipur presented orally the intentions of City Sanitation Plan and the City Task Force. For the content refer next section and the attached presentation in Annexure3

Sri. Alok Chandravanshi
Deputy Commissioner
Raipur Municipal Corporation



Subsequent to Mr. Balachandran's presentation, the power supply was restored and the PowerPoint presentation was run by Sri. Alok Chandravanshi.

The presentation dealt with the following aspects:

- Background
 - National Urban Sanitation Policy
 - Need for City Task Force
 - Preparation of City Sanitation Plan
- Methodology
 - Raipur's position in the national level ranking
 - Issues with respect to sanitation in Raipur
- Efforts of Municipal Corporation to improve the sanitation scenario
- Vision for the city
- Need for citizens participation
- City Sanitation Task Force (CTF)
 - Participation in CTF
 - Stages of involvement
 - Operational aspects

Refer Annexure 3 for the presentation

5. Address



Sr. Sanjay Srivastav
Chairman, Standing Committee
Raipur Municipal Corporation

- Proper planning is required to change the sanitation situation in Raipur.
- The planning process should not be done hastily and should be deliberated adequately.
- Awareness generation amongst the public could be a major hurdle in the planning process. He stressed on the need of awareness campaign.
- The technical capacity of the Municipal Corporation is limited and it needs to take help from outside.

Smt. Kiran MayiNayak
Mayor
Raipur Municipal Corporation

- Implementation of sanitation proposals was always a question.
- Usually sanitation is seen as the job of Municipal Corporation. It is required that everybody should work towards making Raipur a better city in terms of sanitation.
- The City Task Force should take awareness as a major thrust area. CTF should also include the urban poor.
- Gender participation in the CTF is also important.
- The field surveys should cover all neighborhoods involving people.
- There is a need for finding land for public toilets.
- To achieve 100 % sanitation, the city should keep a deadline of 2-3 years and also should strive towards improving the ranking of the city every year by 50-60 positions up.

6. Group Formation and Discussion



The presentation on the sanitation scenario and the role of CTF was followed by the group formation to discuss issues pertaining to sanitation in Raipur. The issues were broadly classified in to different headings including

- Awareness and behavior
- Institutional and financial capacity
- Infrastructure and
- Others

8 groups were formed with 4 – 5 members in each group. Each group was distributed with cards of different colours to write down the issues with respect to each of the above indicated. The groups held an internal discussion for 20 minutes after which each group has presented their observations on all the matters concerning to sanitation.

Infrastructure

Solid waste:

- Raipur lack proper system for collection & disposal of solid waste from all the sources
- Need for door to door garbage collection and the collection and removal of garbage has to be ensured.
- Garbage should never be disposed in the open. The garbage should be placed in closed bags and handed over to the garbage collectors
- There should be penalty for the people who keep garbage in front of the houses
- Need for garbage bins in public places and it should be collected timely.
- The garbage points should be identified and monitored on the daily basis.
- Mandatory collecting bins near shops, hotels, thela /khamcha
- Adequate and proper garbage carrying vehicles are required. Need for proper mechanism for the transfer of solid waste (hand crafts, mini tractors or trucks)
- Proper disposal of glass, plastic, paper, after completion of social gatherings, marriages and meetings has to be ensured
- Provision for disposal of e- waste, thermocol and plastic.
- The waste should be managed at decentralized level. The garbage should be processed

<p>locally and income can be generated from that.</p> <ul style="list-style-type: none"> • Need for proper disposal technology and also segregation is required • It is important to obtain site clearance for landfill sites. Solid waste should not be dumped anywhere as is being practiced today. There are high chances of ground water getting contaminated. • Complaints and problems should be sorted out ward wise.
<p>Sewerage:</p> <ul style="list-style-type: none"> • There is no sewer network in the city and the entire effluent flows in the open drains • The existing STP is not functional. Proper repairs and maintenance should be done for the existing treatment plant. • There is a need for proper drainage and sewerage System. • Laying of sewer lines in already developed areas are a big problem. Alternative approaches should be looked at to address the sanitation scenario of developed areas. New technology should be adopted in already developed areas to treat sewage. • The sewage/effluent flowing to the Nallas should be treated first and then discharged in to the water bodies. • Ponds/tanks are very important and only storm water should be drained into that. • The sewage should be recycled and the treated water should be used for gardens, cleaning, industries and firefighting. • The drains are not built properly and people should be involved in the making of it. Otherwise they think that it belongs to RMC. • Drain/ Nallah should be properly designed to carry the liquid waste. • Complaints and problems occurred in any ward should be taken in action as early as possible and has to satisfy the complainer by solving the problem. • Encroachment upon the sewage drains must be banned so that the flow of sewage is not restricted
<p>Public toilets and Individual toilets:</p> <ul style="list-style-type: none"> • Open defecation is a major issue. • Availability/Affordability of latrine facility should be made possible for each and every family of the city, particularly in slums. • Lack of public toilets at important public places is a major concern. • Public toilets are there, but they are located far from the users. • Construct private and community toilets. • In the slums, start with public toilets. To promote individual toilets, they should be subsidized wherever possible. • Construction of public toilets can be outsourced • Temporary toilets have to be provided for the floating population
<p>Pollution of waterbodies:</p> <ul style="list-style-type: none"> • Improvement & beautification of existing tanks are needed. • Remove encroachments to protect water bodies and environment. • Liquid waste mixed the solid waste flow into the nalla. • All the open drains flow into the nallas which reaches the talav polluting the water bodies.
<p>Others:</p> <ul style="list-style-type: none"> • Lack of technical knowhow. • Lack of correct data

- Lack of regular monitor.
- Lack of accurate road map
 - Magnitude of the problem
 - Road map for filling the gaps
 - Providing the adequate finance.
 - Monitoring the quality of work.

Institutional Capabilities & Finance.

Planning

- Lack of Phase wise planning & constructing.

Funding

- Lack of funds for development activities.
- Funds can be tapped from donor agencies, international institutions and Government grants.

Monitoring

- There should be monitoring system
- A responsible body to accomplish and enforce the compulsory requirements
- Committees can be formed at the ward and *tola* level for monitoring.
- Include women and youth.

Capacity building

- Enough resource should be there in the working institution, so that plan can be implemented.
- Working staff in the institution should be provided with proper training.

Technical assistance

- Technical assistance on waste water disposal can be sourced from NEERI Nagpur
- International institutions can be approached for technical assistance.

Management

- Involving private institutions for the management of public toilets and solid waste.
- There should be one leader and four sub leaders for every road in Raipur city and should be given with identity card which must be authorized by Nagar Nigam

Financing

- There is no system for using recycled waste. Subsidy should be offered for treatment and reuse of waste
- The earnings of garbage workers should be linked to the payment of households. The households should pay the garbage workers directly

Awareness

- There is a need for the change in the attitude of people regarding sanitation. Creating awareness among the people regarding sanitation & related health issues, solid waste disposal is necessary.
- Awareness is needed to let people know their responsibility and to encourage them for their own welfare and make them participate.
- Creating awareness through different sources
 - Street Plays
 - Through the media
 - Door to door awareness by distributing pamphlets

- Hoardings in restaurant parking areas in public places
- Conducting competitions like drawings, paintings, debates, exhibitions etc .
- There should be a chapter in the schools & collage curriculum regarding sanitation.
- *Mohallasamitis*, eco clubs, women groups and students groups can be formed for creating awareness and ensuring a clean environment. It can also create sense of ownership among citizens.
- Prizes should be given to the clean and beautiful colonies.
- Focus areas which are worst affected.
- Time to time there should be awareness campaign by the municipality/ NGO's
 - Garbage should be thrown in the container only.
 - Garbage should not be thrown in drainage channels
 - There should be no open defecation and proper monitoring system to check with the problem.
 - Proposal for the segregation of solid waste like polythene and other garbage to the different places.
- Leaders of the poor people should be incorporated in the task force so that they make aware poor people about cleanliness.
- If the city is to be developed as clean , healthy and beautiful then:
 - Participation of Youth and women is required.
 - Participation of the citizens of the city no matter what community they belong should be incorporated in the planning process.
 - Let people to be emotionally attached in the way that they take planning process to their own benefit. This is the key process of making any plan successful.
- In identifying the stakeholders and educating them, priority has to be given to
 - Students
 - Slum Pockets
 - Religious place
 - Institutions
 - Hotel, restaurants, hospital
 - *Dharmashala*
 - Function/marriage hall

Others

- Roads are not fully/well paved leading to dumping of waste at roadsides
- There is a need for proper pond management
- Need for rain water management
- Adequate sanitation facilities for the floating population should be provided

- Control diarrhea and other diseases
- Old water pipes should be replaced
- People must be aware of budgets, construction work taking place in their own wards.
- Introduce enforcement
- Political will is required to implement sanitation policy

7. Address



Dr. A. Boaz

Additional Chief Conservator of Forest

- In the case of solid waste management, there is no point in segregating unless the downstream systems are in place. If the household segregate the waste, the waste collectors normally don't. So the entire system should be planned. The systems of waste management should be in place.
- It is also required to examine whom we need to educate and create awareness. When the system of rickshaw based solid waste collection was introduced in few posh housing colonies, the residents refused to pay Rs. 20/month.
- In creating awareness and behavioral change, we should stop wishful thinking and need to start enforcing things.
- Systems and practices that are eco-friendly need to be looked at.
- The water bodies and lakes should be restored using ecosystem principles. Natural edge should be given to water bodies at least for 50% of the perimeter. The flora and fauna could be damaged if the lakes are dredged in one go. Eco-restoration of lakes has to be done.
- Sewer lines in new developments should be mandatory
- Use technology like GPS, to monitor the movement of vehicle carrying the city solid waste.
- The Gaurav Path of Raipur, which is a major attraction of the city does not even have one dust bin or even toilet.
- It is required that all citizens start the change from their house and premises to make an effect in the overall city.

8. Closing Remarks and Articulating the Vision

After the issue identification and discussion by the participants, the need for city sanitation task force and city sanitation plan was felt with a clear vision of 100% sanitation. It was decided that city sanitation task force would comprise of the members from all sections of the society, the core activities of the task force would include :

- Provide guidance in making of city sanitation plan
- Actively participate in implementation of the plan
- Primary responsibility in spreading of awareness

- Support the training and capacity building exercises

9. Vote of Thanks

Dr. Amrit Chopra
Health Officer
Municipal Corporation, Raipur

Dr. Chopra thanked all the invitees and participants

- The population of Raipur has increased tremendously after it has become the capital city. But the capacity of health department at the Municipal Corporation has not increased and the old staff has retired as well so there is a practical difficulty in maintaining the city cleanliness.
- The sanitation scenario of Raipur being grim will be addressed with all citizens participation
- The municipal Corporation will take active forward planning in achieving 100% sanitation

10. Annexure 1: Originally proposed agenda for the meeting

4:30 - 4:45 PM	Shri O.P. Chaudhary, Commissioner Welcome address
4:45 - 5:00 PM	Smt Kiran MayiNayak, Mayor Key noteaddress
5:00 - 5:15 PM	Sri. Sanjay Srivastava, Sabhapati Citizens involvement in preparation of CSP
5:15 - 5:25 PM	Dr. Pratibha Singh, GTZ A brief on technical assistance to Raipur Nagar Nigam
5:25 - 5:45 PM	Technical team Presentation on City Sanitation Task Force (CTF)
5:45-7:15 PM	Discussion and formulation of CTF Moderatedby Sri Alok Kumar Chandravanshi, Deputy Commissioner
7:15 - 7:25 PM	Technical team Summarising the discussions
7:25-7:30PM	Dr. Amrit Chopra, Health Officer Vote of thanks

11. Annexure 2: List of Participants

	NAME	ORGANISATION	DESIGNATION	PHONE NUMBER	EMAIL ID
1	Smt. KiranMayiNayak	Nagar Nigam, Raipur	Hon. Mayor		
2	Sri. Sanjay Srivastava	Nagar Nigam, Raipur	Hon. Sabhapati		
3	Sri. AlokChandravanshi	Raipur Nagar Nigam	Deputy Commissioner		dc_rmc@rediffmail.com
4	Dr. PiyushPandey	BhilaiInstitute of Technology, Raipur	Principal	9669871234	drpiyush_pandey@yahoo.com
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6	Sri. O.P. Mishra	RMC Raipur	In charge Engineer	9424230304	sphatik_shilla@yahoo.com
7	Dr. AmritChopda	Nagar Nigam, Raipur	Health Officer	9301953206	-
8	Sri. Prakash Kumar Rabte	Regional office, CECB, Raipur	Jr. Scientist	07712573897	-
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10	Sri. Shafique Ahmed	Hotel Union	Jn. Sec	9425502191	ma.shafiqueahmed@gmail.com
11	Sri. R.N.Konher	PMU-JNNURM, Raipur	Project Specialist	9479174265	ravikonher@ hotmail.com
12	Sri. K.C. Gilchrist	Christian Officers and Leaders Association	Managing Director	9428825170	ela_gilchrist@yahoo.com
13	Sri. M.M. Shakeel	SamajVikasDevelopment Support Organisation	Research Manager	9391057153	mmshakeel@samajvikas.org
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16	Mrs. ArchanaBondriya	PMU-JNNURM, Anand Nagar, Raipur	Specialist (Social Development and Community Mobilization)	9926166469	archanabondriya@rediffmail.com
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21	Sri. RR. Vishwakarma	PHE Project Dn., Raipur	Assistant Engineer	9302733005	eephepro@gmail.com
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24	Sri. Amit Kumar Doye	Divine India Youth Association (DIYA)	Coordinator	9926994842	cgdiya@gmail.com
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27	Dr. PreetamMiyhsa	Municipal Corporation, Raipur	ZHO	093019-53230	-
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29	Dr. B. K. Mishra	Nagar Nigam, Raipur	ZHO	9301953233	-
30	Dr. Shiv Sharma	Nagar Nigam, Raipur	ZHO	9301953228	-
31	Prof. M. K. Sharma	PMU-JNNURM, Anand Nagar, Raipur	Coordinator training and research	9425290293	sharmamaheshkumar@yahoo.co.in
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35	Dr. Alka Singh	Regional Center for Urban and Environmental Studies, Lucknow (Ministry of UD,GOI)	Coordinator, PMU-JNNURM, Chhattisgarh	06858-3029	alka_rcues@yahoo.co.in , pmu.raipur@gmail.com
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