

GOVERNMENT OF
MAHARASHTRA
URBAN
DEVELOPMENT
DEPARTMENT



State Annual Action Plan (2015-2016)



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**Government of Maharashtra
Urban Development Department**

Minutes of First Meeting of AMRUT State High Power Steering Committee (SHPSC)

The first meeting of SHPSC was held on 19/10/2015 under the chairmanship of Shri Swadhin Kshatriya, Chief Secretary, Government of Maharashtra.

The following members were present for the meeting.

1. Mr.Sitaram Kunte - Member
Principal Secretary
Finance Department
2. Dr.Nitin Karir - Member
Principal Secretary
Urban Development Department-I
3. Mr.Vikas Kharge - Member
Secretary
Forest Department
4. Mrs Meeta Rajiv Lochan - Member
Commissioner and Director,
Municipal Administration.
5. Mr Santosh Kumar, - Member
Member Secretary,
Maharashtra Jeevan Pradhikaran
Representative of Water Supply
and Sanitation Dept
6. Mrs Mugdha N Dhuri - Member
Deputy Secretary,
Representative for Planning Department
7. Mrs Manisha Patankar-Mhaiskar - Member Convener
Secretary & Mission Director
Urban Development Department-II

At the outset the Member Convener of the committee,Secretary UDD & State Mission Director welcomed all the members of the SHPSC. A brief presentation on the newly launched AMRUT MISSION was made by the Mission Director. The objectives & gist of the guidelines were presented to the committee. The various steps involved in completing the process of planning, developing and drafting the SLIPs(Service Level Improvement Plan) of the 43 Mission cities and aggregating

them into the SAAP(State Annual Action Plan) was explained in brief by the Member Convener.

- I) The following was presented before the committee.
1. List of 43 AMRUT Mission Cities
 2. Thrust areas under the Mission:
 - Water Supply
 - Sewerage facilities and Septage Management,
 - Storm water drains to reduce flooding,
 - Urban Transport - pedestrian, non-motorized and public transport facilities, parking spaces,
 - Creating and upgrading green spaces, parks and recreation centres, especially for children.
 3. In accordance with the needs and Service Level Gaps in the Mission Cities the Department has prioritised the sector of Water Supply, for the first year of the Mission.
 4. As per the requirement and gap analysis, Sewerage Facility has been given the second priority.
 5. Funds have been earmarked for the green spaces and activities will be identified subsequently.
 6. Storm water drainage and other sectors will be prioritized for subsequent years.
 7. It is proposed to appoint Maharashtra Jeevan Pradhikaran (MJP) the State owned Technical Authority for Water Supply & Sanitation as Project Development and Management Consultant during the Mission period.
 8. The SLIPS & the SAAP have therefore been developed and prepared with the assistance of the MJP.
 9. It was further informed that since most of the Mission cities lack in adequate technical staff to handle the Mission activities the Cabinet has approved appointment of MJP as Project Monitoring Agency which will provide technical assistance, supervision, & guidance to the Mission Cities for implementation of projects at Mission city level.
 10. The projects would therefore be executed and implemented by an MoU between Urban Development Department, Mission Cities & MJP.

11. The Funding Pattern:

Sr. No	Population of the Mission City	GoI Share	GoM Share	ULB Share
1	Less Than 10 Lac	50 %	25 %	25 %
2	More than 10 Lac	33.33%	16.67%	50%

Overall GoM share will not be less than 20 % of the SAAP (as per Guideline 7.4).

12. Mobilisation of funds by the ULBs:

- a) By Dovetailing funds available under the 14th Finance Commission and other Grants.
- b) Through loans from Financial Institutions, Municipal Bonds, Market Borrowing etc.
- c) Levy of User charges, implementation of Telescopic Tariff etc.

13. SHPSC was informed that DPRs(Detailed Project Report) & Bid documents for projects under the SAAP will include Operation and Maintenance cost for at least a period of five years, to be paid to the contractor for the O & M(Operation and Maintenance) activities he is supposed to carry out during the period of 5 years. However, for the purpose of allocation of GoI grants, the O&M cost will be excluded from project cost. The ULBs will fund the O&M through an appropriate cost recovery mechanism like user charges etc. in order to make them self-reliant and cost effective.

14. Reforms Action Plan: SHPSC was informed that during the Mission period, 11 Reforms with 54 milestones have to be implemented by the State and Mission Cities. 10 % of the annual budget allocation for the Mission shall be kept apart by the Government of India from second year onwards and given to the State as an incentive for achievement of reforms. At the start of the succeeding financial year, the Mission will give incentives for reforms achieved in the previous year. The timelines and agencies responsible for implementation of each reform which has to be implemented year wise in a period of 4 years are as stated below:

Sr No	Reforms	Concerned Departments	Present Status	Implementation timeline
1	E-Governance	Mission Cities	Partially accomplished	18 months
2	Constitution and professionalization of Municipal Cadre	UDD	Partially accomplished	24 months
3	Augmenting Double Entry Accounting	Mission Cities	Partially accomplished	12 months
4	Urban planning and City Level Plans	UDD & Mission Cities	Partially accomplished	6 to 48 months
5	Devolution of Funds Functions	UDD	Partially accomplished	6 to 18 months
6	Review of Building by-laws	UDD & Mission Cities	In progress	12 to 36 months
7	Set-up Financial Intermediary at State level	UDD	Accomplished	-----
8(a)	Municipal Tax and Fees Improvement	Mission Cities	In progress	12 months
8 (b)	Improvement in levy and collection of user charges	Mission Cities	In progress	12 months
9	Credit Rating	Mission Cities	In progress	18 months
10	Energy and Water audit	Mission Cities	In progress	12 to 24 months
11.	Swachh Bharat Mission	UDD & Mission Cities	In progress	Within given time frame

As per the AMRUT guidelines, SLIPs were prepared by each Mission City after assessing the Service Level Gaps. Detailed deliberations & discussions with stake holders were held at the city level, including active citizen participation. The SLIPs prepared by the ULBs were finalized during a 2 days handholding workshop held in the month of August, 2015 when GoI representatives were also present.

15. Based on the SLIPs and the AMRUT guidelines, city wise projects have been prioritized and these have been aggregated into the “State Annual Action Plan”

(SAAP) during a 3 days workshop attended by all the Mission City officials, Dir. MoUD, consultants of MoUD on 16th, 18th & 19th September 2015.

16. The SAAP proposed for first year of the Mission i.e. 2015-16 amounts to Rs.2077.96 crore.

17. The SAAP was submitted before the SHPSC.

II) After detailed deliberations followings decisions were taken:

a) The State Annual Action Plan (SAAP) for 2015-16 at a total cost of Rs 2077.96 crore has been approved.

b) It was decided that as per prioritization following projects for the water supply sector along with component of Solar System as a smart solution, and also one Sewerage Sector project in accordance with the directions of Hon. High Court should be taken up in the first year of the Mission:

(Rs in Crore)

Sr. No	Division		Name of ULB	Cost of Project Submitted by ULBs	Project Cost Identified For AMRUT	Project Cost Identified for First Year 2015-16
1	Nagpur	1	Wardha	42.3	35.3	35.3
		2	Hinganghat	58.8	58.8	58.8
		3	Nagpur	223	223	223
		4	Chandrapur	292	200	100
			Total	616.1	517.1	417.1
2	Amravati	5	Amravati	421	85	85
		6	Akola	200.68	159.88	91.88
		7	Achalpur	15.15	14.85	14.85
		8	Yavatmal	355	55	55
			Total	991.83	314.73	246.73
3	Aurangabad	9	Latur	783	60	60
		10	Omanabad	64.4	45.37	45.37
		11	Udgir	128.95	126.6	126.6
			Total	976.35	231.97	231.97
4	Nashik	12	Malegaon	78	49.75	49.75
		13	Jalgaon	408	219	124.35
		14	Ahmednagar	394	250	149
			Total	880	518.75	323.1
5	Pune	15	Pimpri Chinchwad	1000	270	120
		16	Solapur	695	66.9	66.9
		17	Satara	59	5	5

			Total	1754	341.9	191.9
6	konkan	18	Vasai Virar	1495	130	130
		19	Ambarnath	53	53	13.64
		20	Badlapur	67	67	33.11
		21	Panvel	153	50.5	50.5
			Total	1768	300.5	227.25
Solar Panel Projects					143.76	143.76
Total				6986.28	2368.71	1781.81
Sewerage Scheme Identified for AMRUT Mission SAAP 20015-16 (Rs in Crore)						
Sr. No	Division		Name of ULB	Project Submitted by ULB	Project Identified For AMRUT	Project Identified for First Year 2015-16
1	Konkan	1	Ulhasnagar Municipal Corporation (As directed by Hon'ble High Court)	400	400	223.10
Green Spaces and Park					42	42
					Total	2046.91
A&OE expenses					31.05	31.05
					Total	2077.96

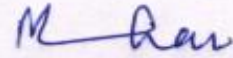
- d) It was decided that the following resolutions should be passed by the ULBs:
1. Raise funds for ULB share through various resources.
 2. Cost of O&M shall be borne by the ULBs through metered bills, telescopic tariff and other appropriate user charges.
 3. Completion of reforms as per prescribed timelines.
 4. Legal action with regard to malpractice related to Non Revenue Water issue.
 5. MoU with MJP / State for implementation of water supply and sewerage projects.
- e) Secretary UDD and State Mission Director has been authorised to submit SAAP to MoUD, for further consideration & approval.
- f) The Secretary UDD and State Mission Director has been further authorized to negotiate & settle the terms & conditions with MJP who has been identified to work as PDMC for implementation of activities during the Mission period.
- g) In accordance with AMRUT Guidelines, State Mission Director has been authorised to deploy experts in the State Mission Management Unit and also at

the city level, requisite action for appointment of IRMA and other requisite personnel.

- h) State Level Technical Committee (SLTC) under the chairpersonship of Secretary, UDD and State Mission Director has been authorized to take requisite action in accordance with the Guidelines laid down by GoI.
- i) The committee approved the timelines for implementation of Reforms and it was decided that timelines for completion of Reforms would be scrupulously adhered to.

The meeting ended with a vote of thanks.

(Minutes are approved by Chairperson)



(Manisha Patankar-Mhaiskar)

Secretary UD-II

Member Convener and Mission Director.

Checklist- Consolidated State Annual Action Plan

Checklist- Consolidated State Annual Action Plan of all ULBS to be sent for Assessment by MoUD (As per Table 6.2)

Sr. No.	Point of Consideration	Yes/No	Give Details
1	Have All cities prepared SLIP as per suggested approach	Yes	The SLIPs for the 43 Mission cities have been formulated in accordance with the Guidelines given by MoUD. All the Mission cities and also the State has prioritised the sector of Water Supply for Universal Coverage in the first year of the Mission.
2	Has the SAAP prioritized proposed investment across cities	Yes	The State has prioritised proposed investment across cities based on the basis of existing Service Level Benchmarks in Water Supply and the financial status of the Mission Cities.
3	Is the indicator wise summary of improvement proposed (both investments and management improvements) by state in place?	Yes	Indicator wise summary of improvement proposed for investment and management is in place.
4	Have all the cities under Mission identified/done baseline assessments of service coverage indicators?	Yes	The Mission Cities have identified and carried out the Base Line Assessment of service coverage indicators.
5	Are SAAP addressing an approach towards Meeting Service Level Benchmarks agreed by Ministry for each sector?	Yes	SAAP has been drafted on the basis of the service level benchmarks as agreed by Ministry.
6	Is the Investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes	Investment proposed is commensurate with service level improvement as envisaged in the said indicator.
7	Are State share and ULB share in line with proposed Mission approach?	Yes	State & ULB share is in line with the proposed Mission approach.
8	Is there a need for additional resources and have state considered raising additional resources (state programs, aided projects, additional devolution to cities, 14 th Financial Commission, external sources)?	Yes	Required efforts will be made to mobilize additional resources through 14 th Finance Commission and other state programmes or other resources as and when required.
9	Does State Annual Action Plan verify that the cities have undertaken financial projections to identify revenue requirements for O& M and repayments?	Yes	SAAP verifies that cities have undertaken & identified revenue requirements for repayment of O&M.

10	Has the state Annual Action Plan considered the resource mobilization Capacity of each ULB to ensure that ULB share can be mobilized?	Yes	SAAP has considered the resource mobilization capacity & financial status of ULBs. Additional resource if needed will be mobilised through user charges and through various financial institutions by the ULBs themselves.
11	Has the process of establishment of PDMC been initiated?	Yes	Maharashtra Jeevan Pradhikaran a state owned authority is the PDMC under the Mission.
12	Has a roadmap been prepared to realize the resource potential of ULB?	Yes	The resource potential of each ULB has been taken into account while preparing the SAAP and road map is being prepared.
13	Is the implementation plan for Projects and reforms in place(Timeline and yearly Milestone)	Yes	The implementation plan for projects & Reforms is in place. All the reforms will be implemented in the timeline given in the SAAP.
14	Has the Prioritization of project of ULBs been done in accordance with Para 7. 2 of the Guidelines?	Yes	Prioritization of projects has been done taking into account the gap in service levels in accordance with paragraph 7. 2 of the guidelines. Accordingly the water supply projects have been taken up in the first year.

Chapter I
STATE ANNUAL ACTION PLAN (SAAP)
(Questionnaire & Responses)

Introduction:

Project funds to ULBs will be provided through the States on the basis of proposals submitted in State Annual Action Plan (SAAP). SAAP is basically a State Level Sector Annual Plan indicating the year-wise improvements in Water-Supply and other components. Under the AMRUT MISSION the basic building block for the SAAP is the SLIPs prepared by the ULBs. At the State level, the SLIPs of all Mission cities have been aggregated into the SAAP. While preparing SAAP information, responses to following questions, in words has been indicated against each question:

□ **Has the State Government diagnosed service level gaps?**

Yes. The State Govt. has diagnosed the service level gaps ULB-wise and sector-wise. While doing so the ULBs have considered the Census 2011 data, the baseline survey data by the MoUD, the sector-wise reports, plans, drawings and other information available with the ULBs, reconciled the same and freezed the Baseline (present state) service levels. After comparing with the Service Level Benchmarks of MoUD for different sectors like water supply and sanitation, the service level gaps were assessed. The service levels were prioritized in terms of universal coverage of household connections which is a national priority and other key indicators in respect of water supply and sewerage / sanitation. The service level gaps in coverage of water supply were diagnosed in terms of the contributing factors like gaps related to house connections from the existing network, gaps in availability of distribution network / service storage / pumping stations / water treatment plant capacity / source. The towns have also been prioritized based on the level of gaps in universal coverage of water supply and sewerage in consultation with public representatives like MPs, Mayors / Chairpersons etc . Similarly, in sanitation / sewerage, the gap in coverage of toilets and sewerage network services was considered as the highest priority for which the contributing factors were analysed like gap in issue of house connections, gap in sewer network etc. so as to address the potential gaps to cater to the population in 2021. Extensive public consultations have been conducted by the ULBs involving all

stakeholders like citizens, public representatives etc.

- **Has the State planned for and financed capital expenditure?**

Yes. The capital expenditure of the projects will be met by the Mission cities themselves so that they are owning the project. Further gaps if any will be funded from various financial institutions and other resources as per requirement. Efforts have been made to dovetail various funding sources and converge various schemes and sectors to achieve objective of universal coverage for water supply in the 1st year of the Mission.

Under AMRUT Mission, the State Govt. has decided to meet more than 20% of the project cost, as its share. The ULBs are expected to meet the remaining share from their own resources. The ULBs will be generating revenue through appropriate user charges by improving billing and collection systems, legalising the illegal connections, implementing telescopic tariff and through public mobilization and awareness campaigns. The ULBs will also be mobilizing finances through HUDCO, Municipal Bonds, other financing institutions after obtaining credit rating from accredited institutions like ICRA / CRISIL etc. The O&M cost will also be met by the ULBs through user charges and other resources.

- **Has the State moved towards achievement of universal coverage in water supply and Sewerage/Septage?**

The State has assessed the gaps in universal coverage in both Water Supply and Sewerage/Septage sectors on the basis of information submitted by Mission Cities in their SLIPs. The funds available under ongoing/Pipeline Schemes/ projects sponsored by GOI/GOM/& the ULB themselves have also been considered and the gap has been worked out after ensuring the requirement by converging with all such schemes. The State with concerted efforts is moving towards achievement of universal coverage in water supply and hence has prioritised water supply sector for the first year of the Mission. The service levels gaps in AMRUT are assessed considering the outputs and outcomes of the existing and on-going projects in water supply and sewerage. Gaps in Sewerage & Septage sector has also been assessed. The projects have therefore been drafted based on these service level gaps. Based on the priority of the ULBs & the state

the sewerage / Septage sector will be taken up in the 2nd year of Mission.

- **What is the expected level of the financial support from the Central Government and how well have State/ULB and other sources of finance been identified and accessed?**

As per the Mission guidelines GOI will be providing 50% assistance for the Mission cities having population upto 10 lacs and 1/3rd assistance for Mission cities having population above 10 lacs. The remaining amount will be made available by the State Govt & respective ULBs. As per the Mission Guidelines the State will be contributing more than 20 % share of the project cost. The ULB share will be put in by the ULB from their own funds, or through funds accrued through user charges, 14th Finance Commission Grants, Municipal Bonds, HUDCO/External Funding and through mobilization of additional revenue sources.

- **How fairly and equitably have the needs of the ULBs been given due consideration?**

The SLIPs have been prepared by the respective Mission cities taking into account the gaps in their service delivery & their needs after following a due consultative process at the city level. The needs of ULBs have been prioritised based on their Service Level bench marks & gaps therein. The SLIPs have been drafted after due participation & involvement of the citizens deliberating on their priorities. The SAAP has been prepared after due consultations with Mission Cities & taking into account the service delivery gaps & priorities. Accordingly water supply sector has been prioritised for the 1st year. During this entire exercise there has also been active participation of GOI Officials & Consultants in the drafting of the SLIPs & SAAP.

- **Have adequate consultations with all stakeholders been done, including citizens, local MPs and other public representatives?**

The SLIPs have been prepared by the Mission Cities after due consultation & deliberation with all the stakeholders in the city, including the citizens & the others. A two day handholding workshop was organized with active participation of MoUD officials and the Mission cities in August, 2015 in Mumbai wherein need assessment, prioritization of needs, had been defined based on service level benchmarks & gaps.

SLIPs formation etc. were discussed in detail. City Managers i.e. the Commissioners /Chief Officers have had adequate consultations with the stake holders at the respective city level on various occasions, before & after this exercise.

Important steps followed for preparation of SAAP are mentioned below.

1. Principles of Prioritization

- During SLIP preparation, the ULBs have identified the projects based on service level benchmarks & gap analysis in respective sector of Water Supply & Sewerage & Septage etc.
- After due consultative process, projects have been prioritized to achieve universal coverage of water supply in the 1st year.
- As per the thrust areas Sewerage system & Septage will be taken up in the 2nd year.
- The State has prioritised the Water Supply and Sewerage system as the first & second year priority for the Mission.
- Accordingly based on gap analysis in Water Supply and financial strength of ULBs, those Mission cities having higher gaps in water supply have been identified for the first year of the Mission. While prioritizing projects, universal coverage of water supply for the first year and sewerage for the second year has been given top priority.
- In the towns, where Water Supply Level and coverage of water connections is low. Priority has been given to water supply projects. The prioritization of ULBs for funding has been done after consultation with various stake holder's viz citizens, people's representatives etc.
- Information in response to the following questions, has been indicated against each question:

- Has consultation with local MPs/ MLAs, Mayors and Commissioners of the concerned ULBs been carried out prior to allocation of funding? Please give details.**

Mission cities have held consultations, meetings, discussions & deliberations at the Mission city level with their local MPs/MLAs, Mayors/Presidents and also

citizens prior to demarcation of funds for the Mission. The allocation of funds has been done based on a consultative process. The AMRUT guidelines covering the purpose and objectives, the local priorities, components eligible for funding, criteria for prioritization of projects and towns for funding, out of box initiatives, smart solutions, alternatives, the related reforms framework and capacity building both at institutional and individual level have been considered. This has further culminated in the prioritization of the SLIP proposals of the respective ULBs which was further consolidated at the State Level into SAAP. Water supply sector in the first year, Sewerage & Septage in the second year & remaining in the further Mission period thereby inclusive exercise aimed at achieving the common priority of ensuring universal coverage of water and enhancing the amenity value of cities by making available public transfer facilities, developing green zones and children-friendly parks, thereby aiming at improving the quality of life for all. The projects have been accordingly prioritized and the SAAP is finalized considering those towns with the least coverage of water supply and with low per capita supply. Accordingly, the financial allocations to towns and to sectors have been made in the SAAP.

Has financially weaker ULBs given priority for financing? If yes, how?

Priority has been given based on ULB requirement relating to Service Delivery Gaps in water supply & also the financial capacity of the ULB. The state government will be providing its share to the extent of 25 percent of the project cost for ULBs having population less than 10 lakh. While remaining share will be made available by the ULBs themselves from their own funds.

Has the ULB with a high proportion of urban poor received higher share? If yes, how?

ULBs having higher gaps in Water supply and with a high proportion of Urban poor have been given priority.

Has the potential Smart cities been given preference? Please give details.

Mission cities have been prioritised based on the service level bench marks, the

gap assessments and requirement of project. Wherever possible the potential smart cities will be given priority as per the gap in their Service Level Bench marks & requirement.

- How many times projects are proposed in SAAP of the Central Assistance (CA) allocated to the State during 2015-16?**

As per the AMRUT guidelines, the State has proposed projects, three (3) times the size of the Central Assistance allocated in the financial year 2015-16 in the SAAP.

- Has the allocation to different ULBs within State is consistent with the urban profile of the state? How?**

Yes. The State has made allocations to different ULBs within the State in consistence with the urban profile of the State. Further, various financial options, convergence with various schemes wherever possible has been proposed.

2. Importance of O&M

It is generally observed that minimal attention is paid by the implementation agencies to the operation and maintenance of assets created under various projects. This tendency on the part of implementing agencies leads to sheer loss of national assets. Information, in words, has been indicated against each question regarding importance given to O&M;

- a. In view of the importance of effective Operation & Maintenance (O&M) of the infrastructure under through the AMRUT Mission and also for ensuring sustainability of the infrastructure created, responsibility of the O&M will rest solely with the ULBs after the contract period of the 5 years. This will ensure supply of good quality infrastructure by the agency and ensure its upkeep during the contract period.
- b. The following are the responses to the various issues involved in addressing effective O & M:

- Has Projects being proposed in the SAAP includes O & M for at least five years?**

Yes. O&M arrangements for all the projects proposed in the SAAP have been

proposed for 5 years period wherever and this arrangement shall be an integral part of the original contract. This arrangement will incentivise the contracting agency to construct good quality infrastructure or supply good quality of equipment which will last for its design life with reduced maintenance or repairs. After the contract period the responsibility of O&M will be with the ULB.

How O&M expenditures are proposed to be funded by ULBs/ Parastatal? How? (250 words)

The expenditure towards O&M arrangements after the contract period are proposed to be funded through the user charges, legalisation of illegal connections, implementation of telescopic tariff and also through revenues sources. The ULB will also be required to enhance its coverage and connection network and thus enhance its revenue base, and strengthen the billing and collection systems. In addition, rationalization of user charges will also be contemplated by the ULB. Expenditure reduction through energy conservation will also be adopted as an alternative strategy for revenue improvement by way of smart solutions viz. the solar system

Is it by way of levy of user charges or other revenue streams? Please give details.

The O & M expenditure is proposed to be funded by the ULBs by way of user charges legalisation of illegal connections, implementation of telescopic tariff and also through revenues sources. Wherever required and as per local needs user charges would be increased. If required funds would also be raised through other resources, & financial institutions.

Has O&M cost been excluded from project cost for the purpose of funding?

O&M cost has been excluded from the project cost for the purpose of funding. However it will be included in the bid document. O & M cost is proposed to be borne by ULB through user charges & other resources.

What kind of model has been proposed by States/ULBs to fund the O&M? Please discuss.

After due consultation with the ULBs it has been decided to recover O&M cost by

ULBs through imposing user charges or increasing the same as per needs. However in case user charges are found to be insufficient O & M cost will also be recovered through reuse of treated waste, reduction in NRW etc. If need arises the same will also be funded through the ULBs own resources. Cost-centric approach / model is proposed to be adopted for water supply (and sewerage / Septage management) sector, duly opening separate account for effective planning of the sectors, ensure proper accounting of revenue and expenditure, O&M etc. for improved asset management and effective service delivery to the citizens. For water supply assets created, the contract will envisage O&M cost for a period of 5 years. The cost of O&M will be reimbursed by the ULB by levying user charges, recycling of raw water where feasible, and from other initiatives like reduction of NRW, energy conservation and efficiency improvement measures & other revenue generation resources. In case of child / elderly friendly parks and green spaces, RWAs (Residents Welfare Associations) or NGOs are proposed to be involved in their maintenance and upkeep, putting their own resources, if necessary supplemented by ULB's revenues. Financial and / or institutional support from Corporate (Corporate Social Responsibility funds) / NGOs will also be solicited to ensure sustainable O&M of these amenities.

□ **Is it through an appropriate cost recovery mechanism in order to make them self-reliant and cost-effective? How?**

The aforesaid mechanism has been devised to make the ULBs self-reliant and make the project cost effective, the objective being to make the project's cost effective and sustainable. An appropriate O&M cost recovery mechanism adopting a cost-centric approach in order to have effective control over the revenues and expenditures on each sector, and accordingly adopting appropriate strategies to meet the O&M costs through user charges, effective billing and collection, tariff rationalization, use of ICT, smart metering and reconciling with electricity bills, Property Tax assessments to eliminate / reduce unauthorized connections and save costs through energy conservation and efficiency improvement in pumping stations and other electrical installations. Effective asset management strategies will also be evolved to generate revenues from the land assets possessed by the ULBs in the

water works premises by enhancing the amenity values by utilizing the surplus space for green space development, child friendly parks etc.

Financing of Projects

Financing is an important element of the SAAP. Each state has been given the maximum share which will be given by the Central Government. Information responding to the following questions regarding financing of the projects proposed under AMRUT has been, indicated against each question:

How the residual financing (over and above Central Government share) is shared between the States, ULBs?

As per the Mission guidelines GoI is providing 50% assistance for the Mission cities having population up to 10 lacs and 1/3 assistance for Mission cities having population above 10 lacs. The State Government will be contributing 25% and 16.67% respectively (aggregate above 20% of project cost) and remaining share will be contributed by ULBs from its own resources. If need arises the ULBs will also be arranging funds from financial institutions & other resources like 14th Finance Commission funds etc.

Has any other sources identified by the State/ULB (e.g. PPP, market borrowing)? Please discuss.

The State will explore all possible alternative funding options, market borrowing through Municipal Bonds, Infrastructure Bonds etc. Details will be worked out in due course, considering the financial status of the respective ULB& as per requirement.

What is the State contribution to the SAAP? (it should not be less than 20 percent of the total project cost, Para 7.4 of AMRUT Guidelines)

State will contribute more than 20 percent share to the SAAP as per Guidelines of the Mission.

Whether complete project cost is linked with revenue sources in SAAP? How?

Project cost has been linked with revenue sources in the SAAP. In case there is a further funding gap the same shall be arranged by the ULBs through their own

resources or funding/loan through financial institutions etc.

Has projects been dovetailed with other sectoral and financial programme of the Centre and State Governments?

Projects have been dovetailed with the various GOI/GOM ongoing/sanctioned projects: viz. the JNNURM, UIDSSMT, UIG, Smart Cities, State sponsored Schemes etc.

Is state planning to create a Financial Intermediary, in order to pool funds from all sources and release funds to ULBs in time? Please provide details.

The state already has a State owned financial limited company viz. MUIDCL(Maharashtra Urban Infrastructure Developing Company Ltd.) in place. The said company has been assisting the ULBs by providing loan & grants, for completing various schemes & projects. This intermediary, will be assisting the Mission Cities if additional financial need arises.

Has States/UTs explored the possibility of using Public Private Partnerships (PPP), as a preferred execution model? Please discuss.

Wherever required as per needs, PPP model could be explored.

Are PPP options included appropriate Service Level Agreements (SLAs) which may lead to the People Public Private Partnership (PPPP) model? How?

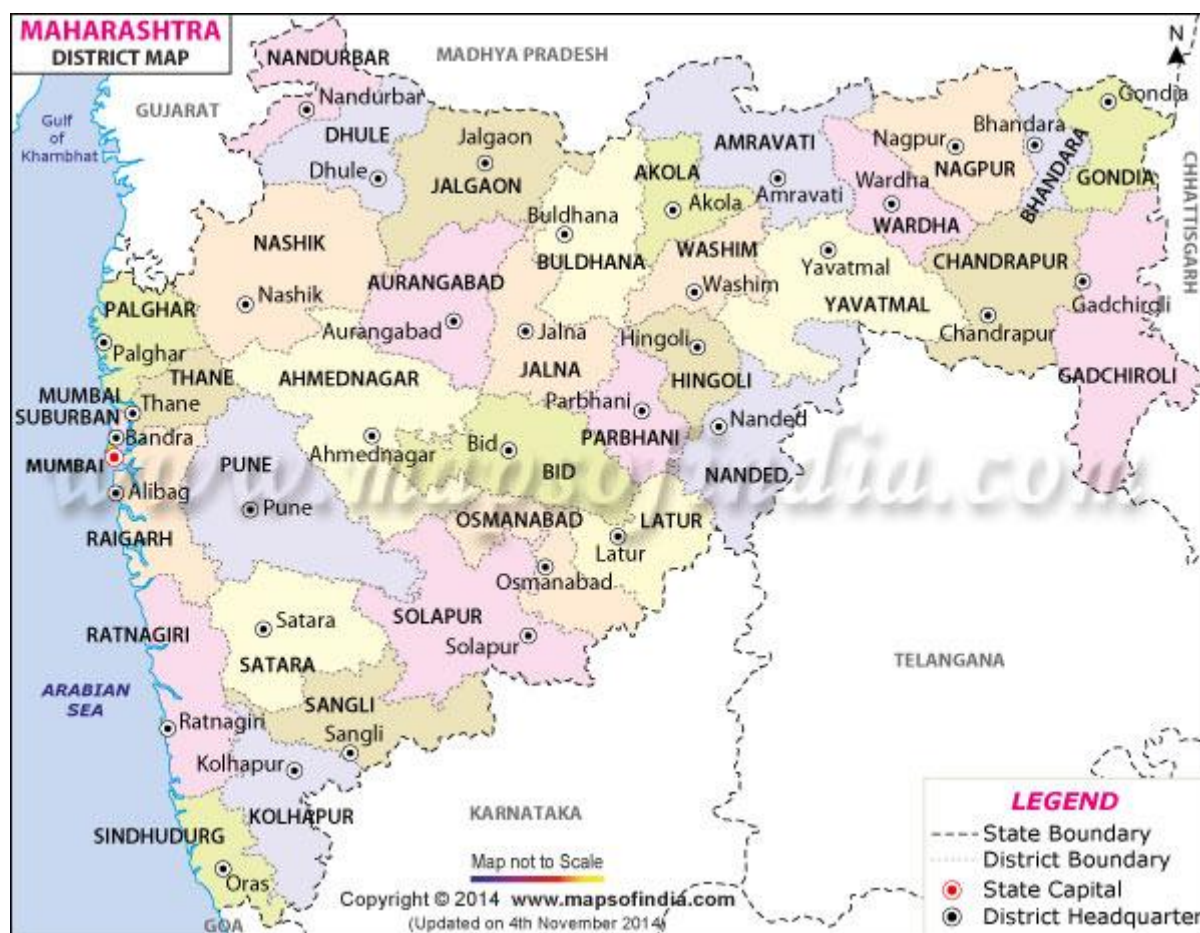
Wherever required as per needs, PPPP model will be explored.

Chapter II MAHARASHTRA

Urban Scenario

State of Maharashtra is one of the most urbanised State in the country. Migration from rural to urban is at an accelerated pace and it is therefore imperative that basic infrastructure facilities are provided to the Mission cities.

District wise Map of State:



n Population scenario:

Population of Maharashtra as per 2011 census is 11.53 crores out of which 5.08 crore live in the Urban areas. The urban population in the last decade has increased up to 45.22 percent of total population of the State.

Revenue Divisions

The state has a total of 265 ULBs & is administratively divided into 6 revenue divisions.

Mission Cities:

A total of 43 Cities have been selected under AMRUT Mission as shown below

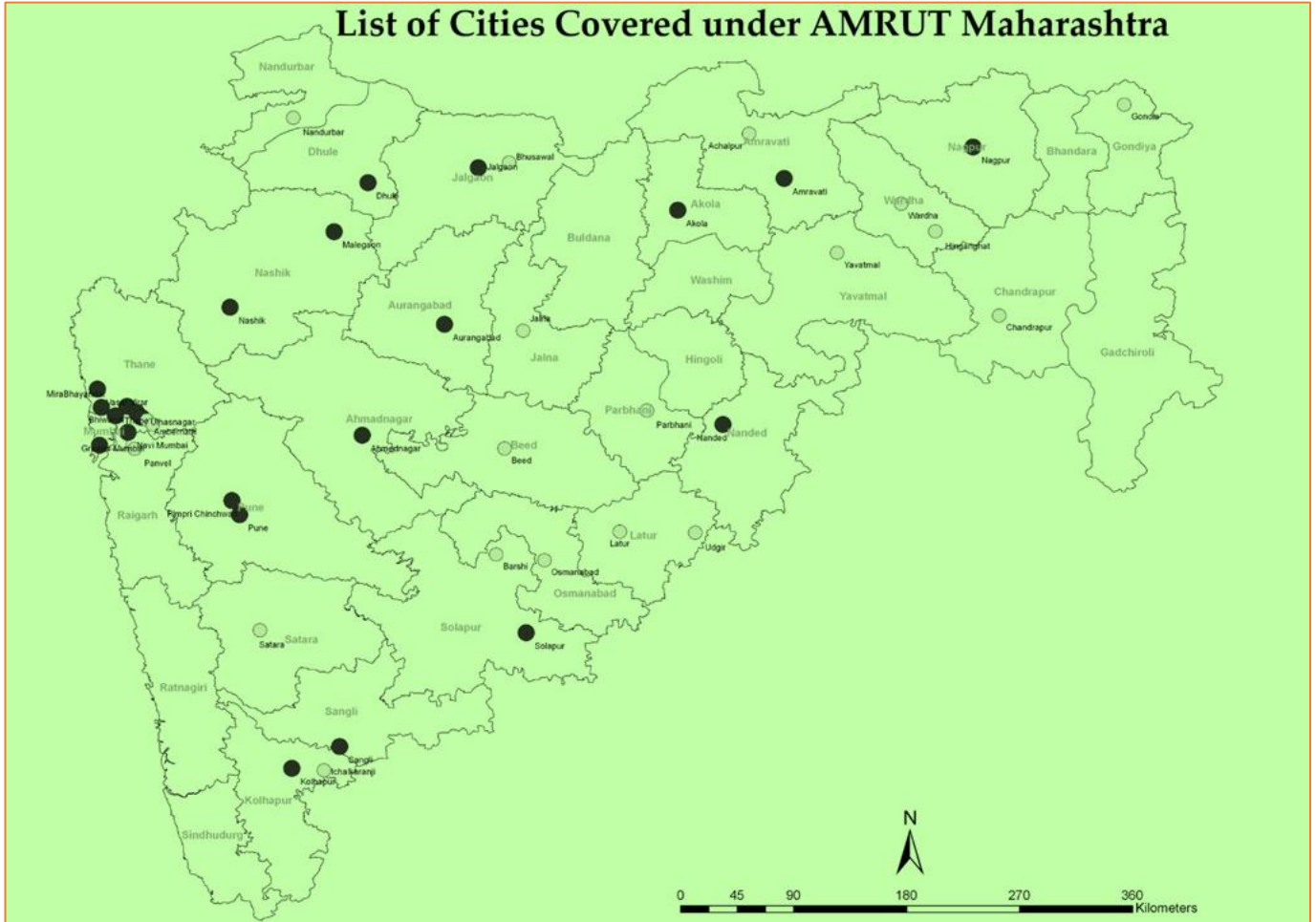


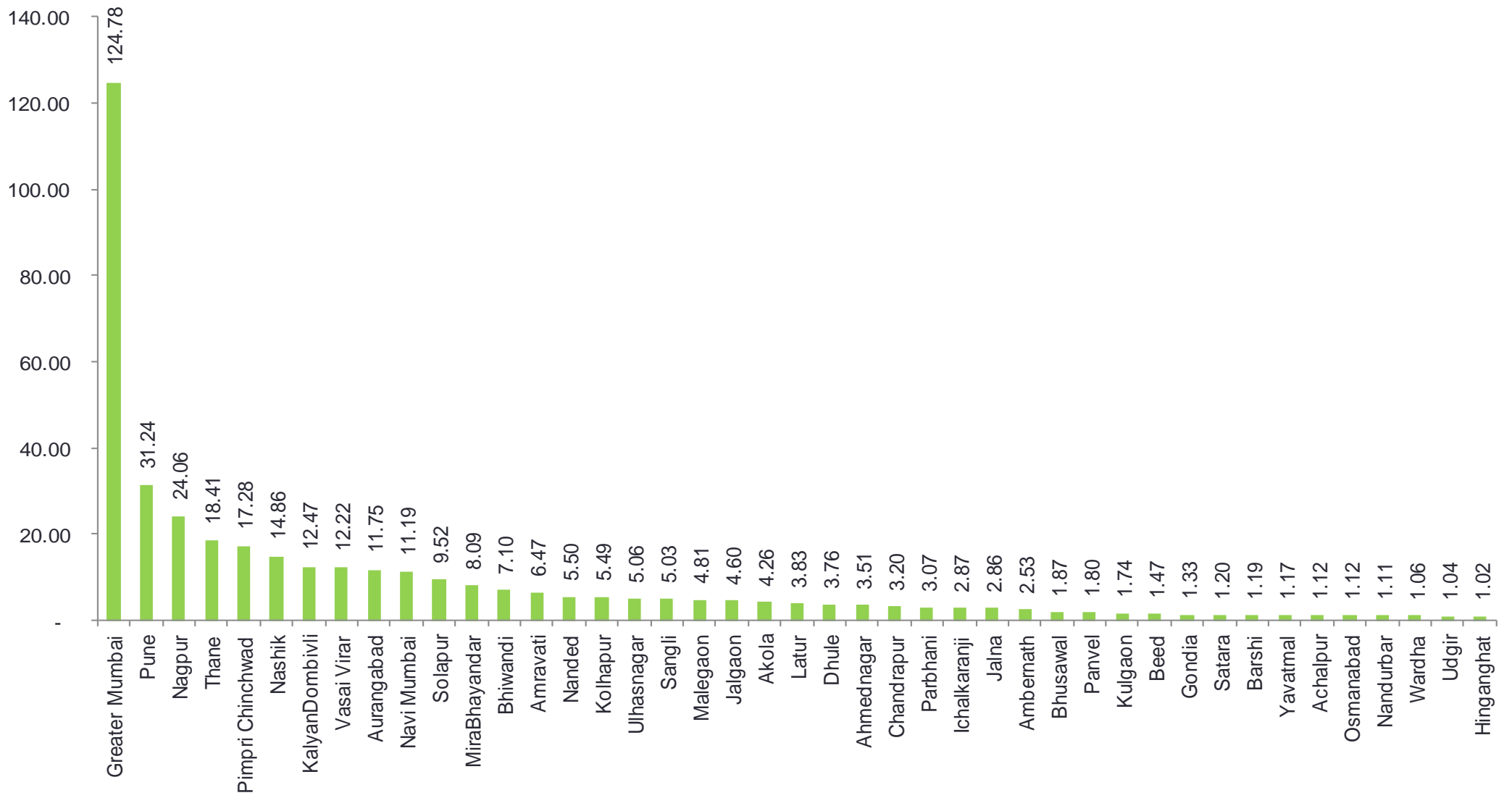
Table 9 Mission Cities- Division wise

Sr. No.	Division	District	Mission City	
1.	Kokan	1. Mumbai	1. Mumbai	
		2. Thane	2. Thane	2. Thane
			3. Kalyan Dombivali	3. Kalyan Dombivali
			4. Ulhasnagar	4. Ulhasnagar
			5. Mira-Bhayander	5. Mira-Bhayander
			6. Bhiwandi-Nijampur	6. Bhiwandi-Nijampur
			7. Ambernath	7. Ambernath
			8. Kulgaon-Badalapur	8. Kulgaon-Badalapur
			9. Vasai-Virar	9. Vasai-Virar
		3. Palghar	10. Navi-Mumbai	10. Navi-Mumbai
			11. Panvel	11. Panvel
2.	Pune	5. Pune	12. Pune	
		6. Satara	13. Pimpri-Chinchwad	13. Pimpri-Chinchwad
			14. Satara	14. Satara

		7. Sangli	15. Sangli-Miraj-Kupwad
		8. Kolhapur	16. Kolhapur
			17. Ichalkaranji
		9. Solapur	18. Solapur
			19. Barshi
3.	Nashik	10. Nashik	20. Nashik
			21. Malegaon
		11. Dhule	22. Dhule
		12. Jalgaon	23. Jalgaon
			24. Bhusaval
		13. Nandurbar	25. Nandurbar
4.	Aurangabad	14. Ahmednagar	26. Ahmednagar
		15. Aurangabad	27. Aurangabad
		16. Jalna	28. Jalna
		17. Parbhani	29. Parbhani
		18. Beed	30. Beed
		19. Osmanabad	31. Osmanabad
		20. Latur	32. Latur
	33. Udgir		
5.	Amravati	21. Nanded	34. Nanded
		22. Amravati	35. Amravati
			36. Achalpur-Paratvada
		23. Akola	37. Akola
6.	Nagpur	24. Yavatmal	38. Yavatmal
		25. Nagpur	39. Nagpur
		26. Wardha	40. Wardha
			41. Hinganghat
		27. Chandrapur	42. Chandrapur
	28. Gondia	43. Gondia	

Population Range of Mission Cities

Sr. No.	Population Range	No. of Cities
1.	More than 10 lakh	10
2.	More than 5 lakh but less than 10 lakh	08
3.	More than 3 lakh but less than 5 lakh	08
4.	More than 1 lakh but less than 3 lakh	17
	Total	43



Population scenario of Mission Cities

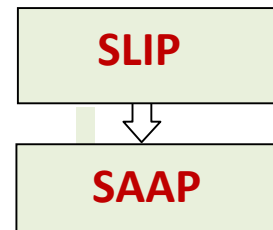
CHAPTER III

STATE ANNUAL ACTION PLAN

Introduction

AMRUT is a structured Mission for improvement of urban infrastructure with an explicit goal of attaining the service level bench marks in key sectors of water supply, sewerage and Septage, storm water and drainage, urban transport, green spaces and parks, reforms management and support and lastly capacity building.

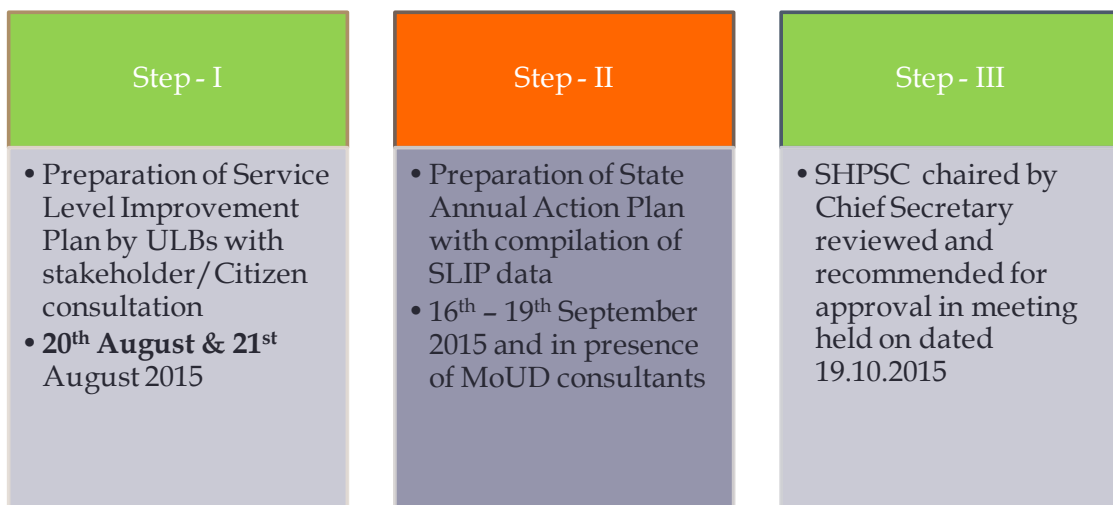
AMRUT as a Mission devolves the decision making power to the State Government, which in turn devolves it to the Urban Local Bodies. Therefore, the decision making power has truly been passed on to the ULBs for formulating the projects, which according to them are deemed to be of immediate priority and relevance.



Vision Under AMRUT

- Water supply coverage to be improved from 74.86% to 87.23% (state level average of AMRUT cities)
- Per capita supply to increase from **111** liters per day to **127** liters per day

SAAP Preparation Process



At the ULB level, SLIPs are prepared for the proposed Projects in each sector. These have been consolidated at the state level in the form of State Annual Action Plan (SAAP). Hence the SLIP documents constitute the building blocks of the SAAP document, which reflect in totality the State Level Service Improvement Plan in various sectors over the Mission period.

3.1 Consolidation of the SLIP Statements

The SLIP statements have been submitted by the Mission cities for each of the key sectors mentioned in 4.1 through tables 2.1, 2.2, 2.3.1, 2.3.2, 2.4, 2.5 and 2.6 as given in the 'Mission Statement and Guidelines' document of MoUD. Relevant information is extracted from the SLIP statements and compiled in a suitable format for further analysis at the State Government level.

3.2 Prioritization of Sectors

The following are admissible thrust sectors for funding under AMRUT:

3.2.1 Water supply

3.2.2 Sewerage and Septage management

3.2.3 Storm water drains

3.2.4 Transportation focusing on pedestrians, non-motorized and public transport facilities and parking spaces

3.2.5 Creation of green / open spaces and others

As per para 6.6 of the 'Mission Statement and Guidelines' document of MoUD, state has given the first priority to the Water Supply Sector in the 1st year. Subsequently the second priority has been accorded to the Sewerage and Septage sector. Depending upon the availability of funds and the extent of gaps, they may be covered simultaneously or in a piecemeal fashion, with water supply sector given precedence over the sewerage sector. If the gap is large, the projects may be phased over five years, corresponding to the Mission duration. In case of Ulhasnagar Municipal Corporation, one of the Mission cities, Sewerage & Septage Project has been proposed pursuant to the directives given by the Hon. High Court. After attaining universal coverage in the water supply and sewerage sectors, the Mission Cities will prioritize the remaining three sectors in an unconstrained manner keeping in view their priorities based on gap analysis.

3.3 Proposed Sectoral Strategy

The sectorial strategy adopted by the Government of Maharashtra is in tune with the recommendation of the ‘Mission Statement and Guidelines’ document of MoUD. Hence, in accordance with Service Level benchmarks first priority has been accorded to the Water supply sector followed by the Sewerage and Septage sector. The proposed sectoral prioritization strategy is as follows:

Priority No	Sector
1.	Water Supply
2.	Sewerage and Septage Management
3.	Storm water drains spaces
4.	Transportation focusing on pedestrians, Urban transport facilities and parking spaces, side-walks, foot over bridges
5.	Creation of green / open spaces

3.4 Service Adequacy

3.4.1 Water Supply:

a) Service level indicators in water supply

Sr.no.	Indicators	MOUD Benchmark
1	Coverage of water supply connections	100 %
2	per capita supply of water	135 LPCD
3	Extent of metering of water connection	100 %
4	Extent of non- revenue water	20 %
5	Quality of water supplied	100%`
6	Cost recovery in water supply service	100%
7	Efficiency in collection of water supply related charges	90%

In view of the above service level water supply parameters, as per the guidelines of MoUD, the status of coverage of water connections of Mission cities is shown below. Similarly, rate of water supply is shown below

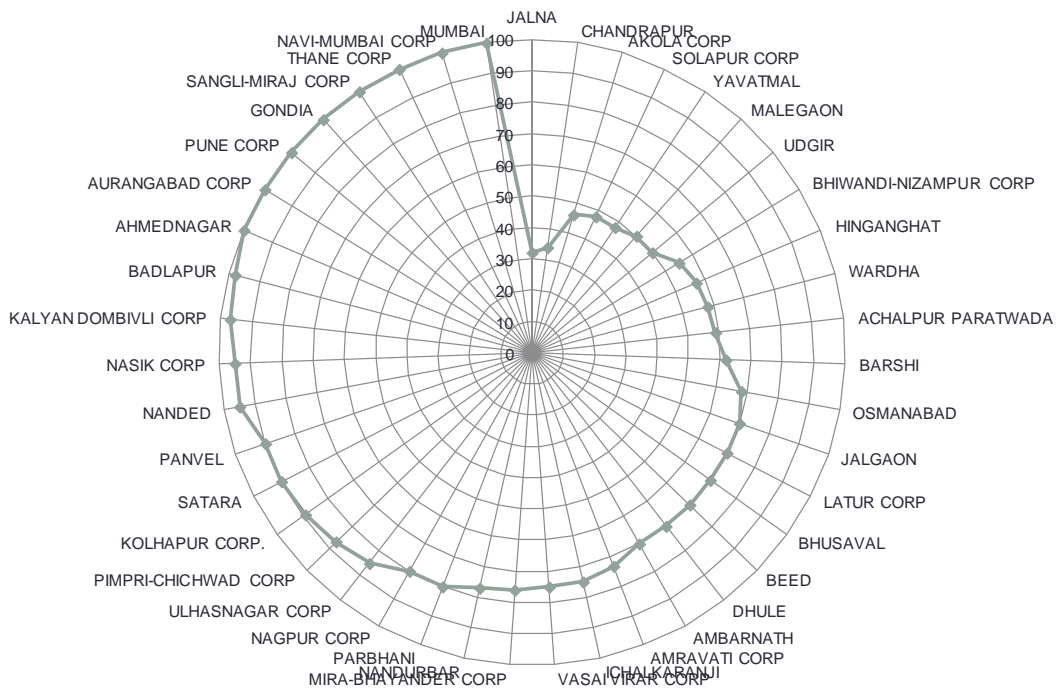


Figure 1 Coverage of Water Connections

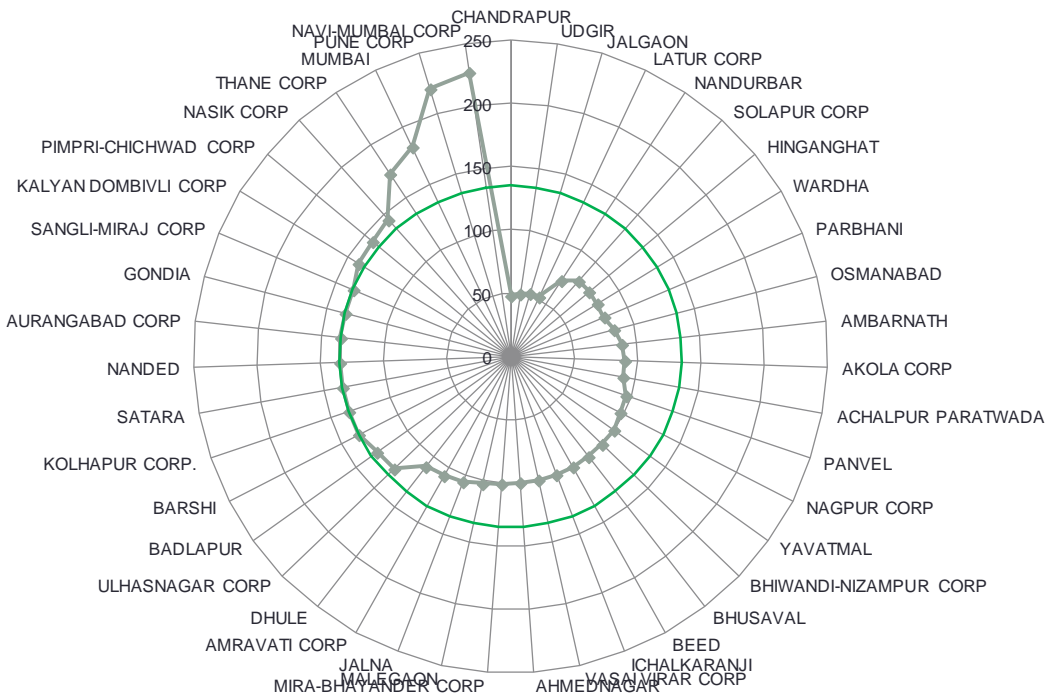


Figure 2 Rate of Water Supply

Summary of Water Supply Service Level Assessment

- **75.56% coverage (average of 43 cities) at State Level**
- **>90% Coverage - 14 cities (8 cities having 100% coverage)**
- **<> 90% & 70% Coverage – 16 Cities**
- **<70% - 13 cities**
- **29 cities (out of 43 cities) supplying less than 135 litres per capita water**
Only one city (NMMC) confirms to the SLB for NRW

CRITERIA FOR INCLUSION IN SAAP of Current Financial Year

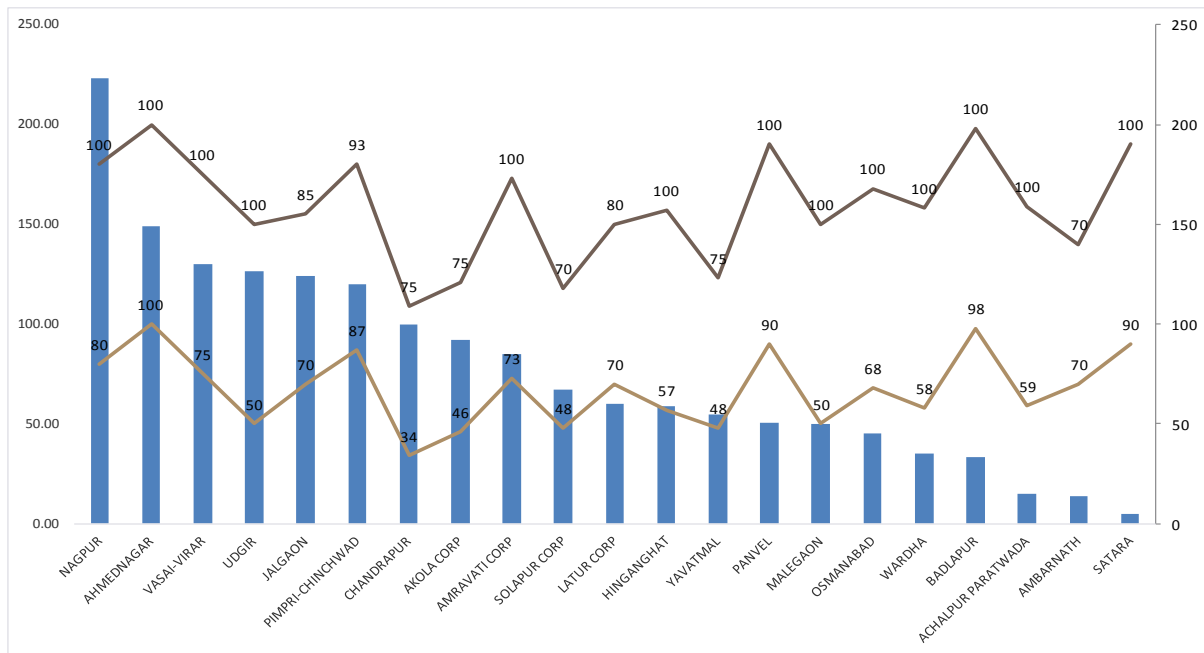
- **Water Supply Sector:**
 - **Low coverage of Household Connections**
 - **Low Levels of LPCD**
 - **High Levels of Non-Revenue Water**

3.5 Prioritization of projects in Water Supply Sector

In the water supply sector the proposals for attainment of universal coverage have been submitted by all the Mission cities. The Government of Maharashtra has adopted the following prioritization strategies in the water supply sector:

- i. First priority has been given to those cities, whose coverage of water connections is low.
- ii. Similarly priority has also been given to those cities, whose rate of water supply (LPCD) is low.
- iii. Non-revenue water (NRW) being a key parameter in arriving at rate of water supply at consumers end, is also taken into account while selection of cities under SAAP. The cities, whose non-revenue water is quite high are included so as to improve rate of supply to the consumers.
- iv. Cities, whose service levels are in accordance with Service Level benchmark of MoUD are not included in SAAP of the year 2015-2016.
- v. Issues such as availability of water at source, current status of ongoing projects, their likely date of completion and outcome of these projects vis-a-vis the Service Level Benchmarks have been considered while inclusion of cities in the SAAP for the year 2015-16

Improvement in service levels of water after Mission Implementation



3.6 Service Adequacy

3.6.1 Sewerage Sector:

Service level indicators in sewerage

Sr.no.	Indicators	MOUD Benchmark
1	Coverage of latrines	100 %
2	Coverage of sewerage network	100%
3	Efficiency of collection of sewerage	100 %
4	Efficiency in treatment & adequacy of sewage treatment capacity	100

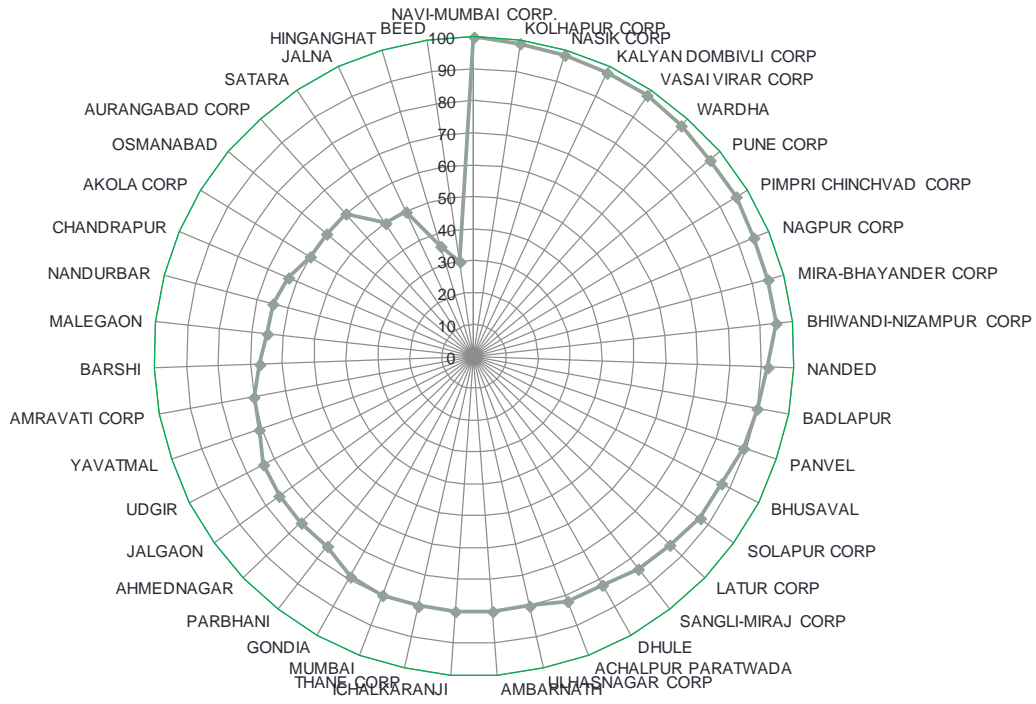


Figure 1 Coverage of Latrines

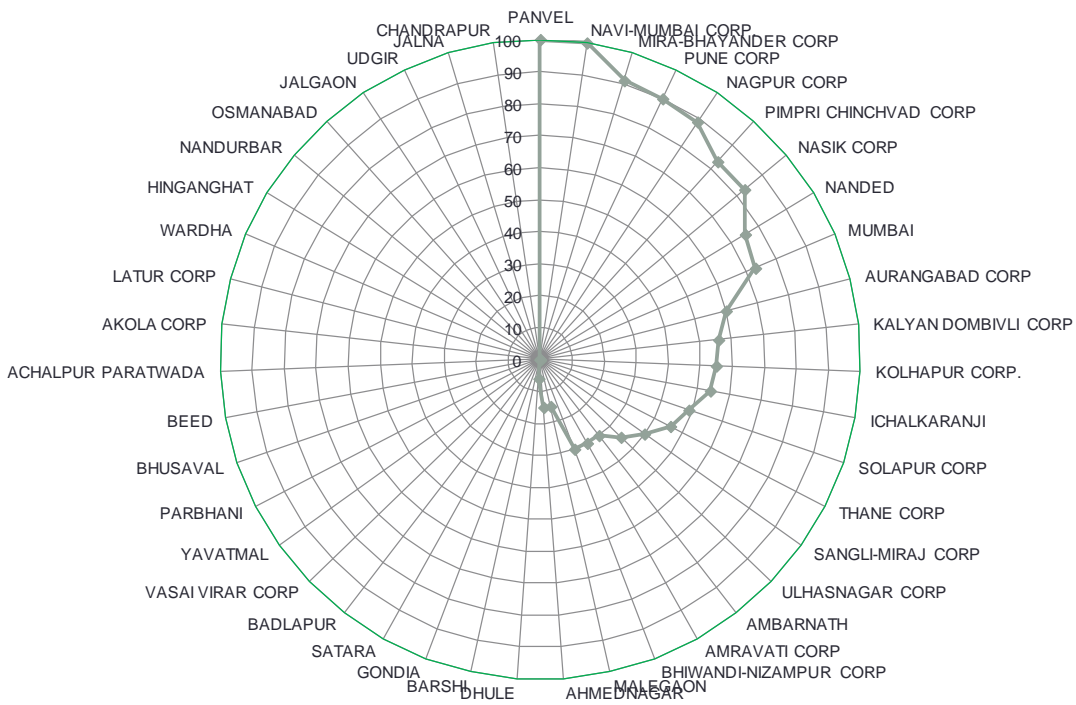


Figure 2 Coverage of sewerage network

There is a gap in the coverage of latrines and sewer network services in most of the Mission cities. However, coverage of water sector being the first priority for the State only one project of Ulhasnagar Municipal Corporation has been included as per Hon'ble High Court

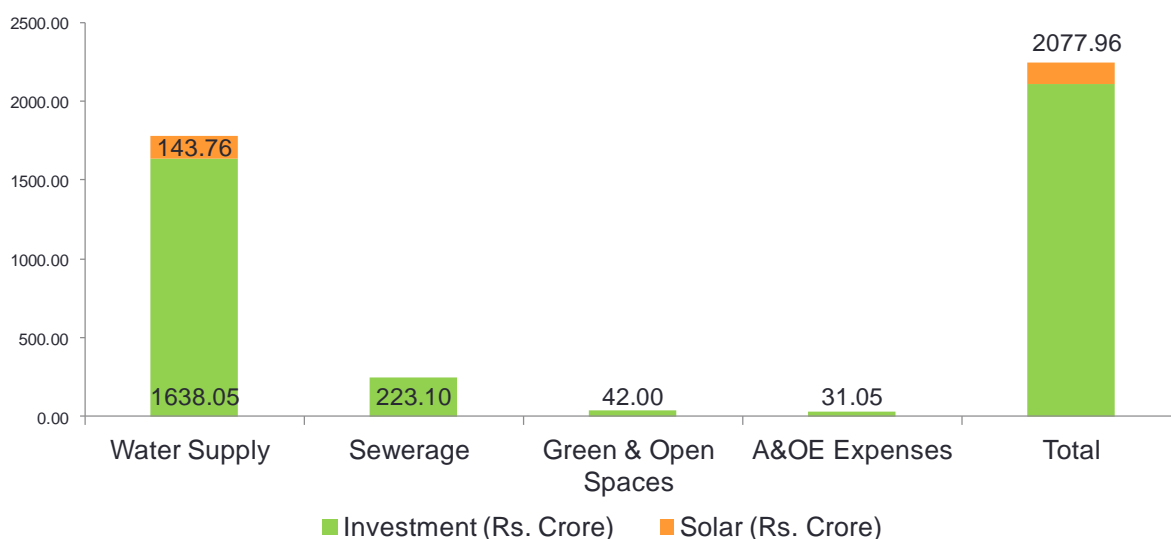
Order

3.7 Smart Solution: Solar Power Generation Projects

Solar power generation projects have been proposed to reduce the energy costs and thereby further reduce the O& M cost thereby schemes making self sustainable

The component of Solar System at a total cost of Rs 143.76 Crore has been proposed as a Smart Solution for reducing O &M cost.

3.8 State Annual Action Plan 2015-16



3.9 Budgetary Requirement FY 2015-16

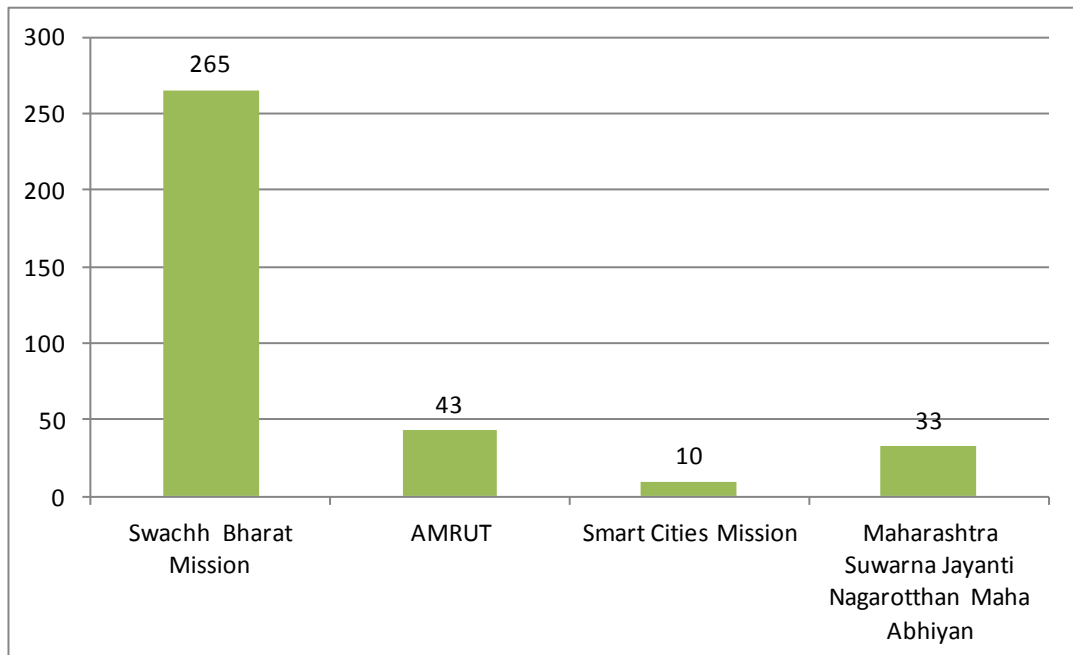
The budget requirement of the Mission cities which have been included in the SAAP for the current financial year for the sectors of water supply, one project of sewerage, development of Green Spaces and inclusion of solar power project as smart solution and A & OE is to tune of **Rs-2077.96** crores.

3.10 Allocation of Funds

The total budget allocated by the MoUD in the first year under AMRUT to the State of Maharashtra is **Rs. 2037.83 crores.**

3.11 Convergence of schemes/ projects

In accordance with the AMRUT guidelines, convergence of various schemes/projects under GoI/ GoM will be taken up in the Mission cities.



3.12 14th Finance Commission

Directives have already been issued by the state to the ULB for utilization of funds under 14th FC for activities under Mission.

Table 1.1: Abstract - Break up of total MoUD Allocation in AMRUT

NAME OF STATE -MAHARASHTRA

**FY-2015-16
(Amount Rs.Crore)**

Total Central Funds allocated to State	Allocation of Central Funds for A & OE (@8% of total given in column 1)	Allocation of funds for AMRUT (Central Share)	Multiply col. 3by x 3 for AMRUT on col.4 (project proposal to be three- times the annual allocation - CA)	Add equal (Col.4) State / ULB share	Total AMRUT Annual size (Cols.2+4+5)
1	2	3	4	5	6
365.51	31.05	334.46	1003.39	1003.39	2037.83

Table 1.2.1: Abstract - Sector Wise Proposed Project Fund and sharing Pattern
NAME OF STATE : MAHARASHTRA
FY - 2015-2016 **Rs. In Cr.**

Sr. No.	Sector	No. of Projects	Centre	State	ULB	Converagence	Others	Total
1	Water Supply	21 +11 Solar	812.06	406.05	563.70	0	0	1781.81
2	Sewerage and Septage Management	1	111.55	55.78	55.78	0	0	223.10
3	Drainage	0	0.00	0.00	0.00	0	0	0.00
4	Urban Transport	0	0.00	0.00	0.00	0	0	0.00
5	Others	42	21.00	10.50	10.50	0	0	42.00
6	Grand Total	75	944.61	472.33	629.98	0	0	2046.91
	A and OE expenses							31.05
								2077.96

Table 1.2.2: Abstract - Break-up of Total Fund Sharing Pattern
NAME OF STATE : MAHARASHTRA
FY - 2015-2016
Rs. In Cr.

Sr. No.	Sector	No. of Projects	Centre	STATE			ULB			Convergence	Others	Total
				14th FC	OTHE RS	TOTAL	14th FC	OTHERS	TOTAL			
1	Water Supply	21 +11 Solar	812.06	*	406.05	406.05	*	563.70	563.70	0	0	1781.81
2	Sewerage and Septage Management	1	111.55	*	55.78	55.78	*	55.78	55.78	0	0	223.10
3	Drainage	0	0.00	*	0.00	0.00	*	0.00	0.00	0	0	0.00
4	Urban Transport	0	0.00	*	0.00	0.00	*	0.00	0.00	0	0	0.00
5	Others	42	21.00	*	10.50	10.50	*	10.50	10.50	0	0	42.00
6	Grand Total	75	944.61	*	472.33	472.33	*	629.98	629.98	0	0	2046.91
	A and OE expenses											31.05
												2077.96

Table 1.3: Abstract - Use of Funds on Projects :On Going and New

NAME OF STATE : MAHARASHTRA										FY - 2015-2016													
Sr. No.	Sector	Total Project Investment	Committed Expenditure (if any) from previous year						Proposed Spending during current financial year						Balance carry forward for next financial years								
			Centre	STATE			ULB			Centre	STATE			ULB			Centre	STATE			ULB		
				14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL		14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL		14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL
1	Water Supply	1781.81	0	0	0	0	0	0	0	243.62		121.81	121.81		169.11	169.11	568.43		284.24	284.24		394.59	394.59
2	Sewerage and Septage Management	223.10	0	0	0	0	0	0	0	33.47		16.73	16.73		16.73	16.73	78.09		39.04	39.04		39.04	39.04
3	Drainage	0	0	0	0	0	0	0	0														
4	Urban Transport	0	0	0	0	0	0	0	0														
5	Others	42.00	0	0	0	0	0	0	0	6.30		3.15	3.15		3.15	3.15	14.70		7.35	7.35		7.35	7.35
6	Grand Total	2046.91	0	0	0	0	0	0	0	283.39	0	141.69325	141.69	0	188.99325	188.99325	661.2	0	330.63335	330.63335	0	440.98425	440.98425
																614.073							1432.837
																	944.6		472.3266				629.9775

Table 3.1: SAAP – Master Plan of all projects details to achieve universal coverage during the Current Mission period based on Table 2.1 (FYs 2015-16)

NAME OF STATE: MAHARASHTRA			FY - 2015-2016	
Sr. No.	Name of ULB (water supply and Sewerage)	Total number of projects to achieve universal coverage	Estimated Cost IN Cr.	Number of years to achieve universal coverage
1	JALNA	0	0.00	0
2	UDGIR	1	126.60	3
3	JALGAON CORP	1	124.35	3
4	OSMANABAD	1	45.37	2
5	NANDURBAR	0	0.00	0
6	WARDHA	1	35.30	3
7	HINGANGHAT	1	58.80	2
8	LATUR CORP	1	60.00	2
9	SOLAPUR CORP	1	66.90	2
10	ACHALPUR PARATWADA	1	14.85	2
11	AKOLA CORP	1	91.88	2
12	AHMEDNAGAR CORP	1	149.00	3
13	MALEGAON CORP	1	49.75	2
14	PARBHANI CORP	0	0.00	0
15	BHUSAVAL	0	0.00	0
16	ICHALKARANJI	0	0.00	0
17	YAVATMAL	1	55.00	3
18	BEED	0	0.00	0
19	BHIWANDI CORP	0	0.00	0
20	MIRA-BHAYANDER CORP (SEW)	0	0.00	0
21	AMRAVATI CORP	1	85.00	3
22	NANDED CORP	0	0.00	0
23	VASAI VIRAR CORP	1	130.00	3
24	AMBARNATH	1	13.64	2

Sr. No.	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage	Estimated Cost IN Cr.	Number of years to achieve universal coverage
25	BADLAPUR	1	33.11	2
26	BARSHI	0	0.00	0
27	DHULE CORP	0	0.00	0
28	ULHASNAGAR CORP (sew)	1	223.10	4
29	PCMC CORP	1	120.00	3
30	SATARA	1	5.00	2
31	PANVEL	1	50.50	2
32	KALYAN DOMBIVLI CORP	0	0.00	0
33	CHANDRAPUR CORP	1	100.00	3
34	AURANGABAD CORP	0	0.00	0
35	NASIK CORP	0	0.00	0
36	THANE CORP	0	0.00	0
37	NAVI-MUMBAI	0	0.00	0
38	KOLHAPUR CORP	0	0.00	0
39	PUNE CORP	0	0.00	0
40	NAGPUR CORP	1	223.00	3
41	GONDIA	0	0.00	0
42	SANGLI-MIRAJ CORP	0	0.00	0
43	MUMBAI CORP	0	0.00	0
	SOLAR PANEL PROJECTS	11	143.76	2
		33	2004.91	

Table 3.2: SAAP - Sector Wise Breakup of Consolidated Investments for all ULBs in the State

								2015-2016	Rs, in Cr.
SR NO	Name of ULB (water supply and sewerage)	Water Supply	Sewerage and Septage Management	Drainage	Urban Transport	Others	Reforms Incentive at 12.5 %	Total	
	1	2	3	4	5	6	7	8	
1	JALNA	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
2	UDGIR	126.60	0.00	0.00	0.00	1.00	0.00	127.60	
3	JALGAON	219.00	0.00	0.00	0.00	1.00	0.00	220.00	
4	OSMANABAD	45.37	0.00	0.00	0.00	1.00	0.00	46.37	
5	NANDURBAR	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
6	WARDHA	35.30	0.00	0.00	0.00	1.00	0.00	36.30	
7	HINGANGHAT	58.80	0.00	0.00	0.00	1.00	0.00	59.80	
8	LATUR CORP	60.00	0.00	0.00	0.00	1.00	0.00	61.00	
9	SOLAPUR CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
10	ACHALPUR PARATWADA	14.85	0.00	0.00	0.00	1.00	0.00	15.85	
11	AKOLA CORP	159.88	0.00	0.00	0.00	1.00	0.00	160.88	
12	AHMEDNAGAR	250.00	0.00	0.00	0.00	1.00	0.00	251.00	
13	MALEGAON	49.75	0.00	0.00	0.00	1.00	0.00	50.75	
14	PARBHANI	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
15	BHUSAVAL	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
16	ICHALKARANJI	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
17	YAVATMAL	55.00	0.00	0.00	0.00	1.00	0.00	56.00	
18	BEED	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
19	BHIWANDI CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
20	MIRA-BHAYANDER CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00	
21	AMRAVATI CORP	85.00	0.00	0.00	0.00	1.00	0.00	86.00	
22	NANDED	0.00	0.00	0.00	0.00	1.00	0.00	1.00	

23	VASAI VIRAR CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
24	AMBARNATH	0.00	0.00	0.00	0.00	1.00	0.00	1.00
25	BADLAPUR	0.00	0.00	0.00	0.00	1.00	0.00	1.00
26	BARSHI	0.00	0.00	0.00	0.00	1.00	0.00	1.00
27	DHULE	0.00	0.00	0.00	0.00	1.00	0.00	1.00
28	ULHASNAGAR CORP	0.00	223.10	0.00	0.00	1.00	0.00	224.10
29	PCMC CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
30	SATARA	5.00	0.00	0.00	0.00	1.00	0.00	6.00
31	PANVEL	50.50	0.00	0.00	0.00	1.00	0.00	51.50
32	KALYAN DOMBIVLI CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
33	CHANDRAPUR	200.00	0.00	0.00	0.00	1.00	0.00	201.00
34	AURANGABAD CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
35	NASIK CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
36	THANE CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
37	NAVI-MUMBAI	0.00	0.00	0.00	0.00	1.00	0.00	1.00
38	KOLHAPUR	0.00	0.00	0.00	0.00	1.00	0.00	1.00
39	PUNE CORP	0.00	0.00	0.00	0.00	1.00	0.00	1.00
40	NAGPUR CORP	223.00	0.00	0.00	0.00	1.00	0.00	224.00
41	GONDIA	0.00	0.00	0.00	0.00	1.00	0.00	1.00
43	MUMBAI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SOLAR PANEL ROJECTS	143.76	0.00	0.00	0.00	0.00	0.00	143.76
		1781.81	223.10	0.00	0.00	42.00	0.00	2046.91
	Total Project Investments for 43 cities							2046.91
	A&OE at 8 %							31.05
	Grand Total							2077.96

Table 3.4: SAAP Year wise Share of Investments for All Sectors (ULB Wise)

NAME OF STATE : MAHARASHTRA		FY - 2015-2016																					
SR NO	Name of City	Total Project Investment	Committed Expenditure (if any) from previous year						Proposed Spending during current financial year						Balance carry forward for next financial years								
			Centre	STATE			ULB			Centre	STATE			ULB			Centre	STATE			ULB		
	FOR CITY POP<10 LAKHS									15%		7.50%			7.50%		35%		17.50%			17.50%	
	FOR CITY POP>10 LAKHS									10%		5%			15%		23.33%		11.67%			35%	
A	WATER SUPPLY			14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL		14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL		14th FC	OTHERS	TOTAL	14th FC	OTHERS	TOTAL
1	CHANDRAPUR	100.00								15.00		7.50	7.50		7.50	7.50	35.00		17.50	17.50		17.50	17.50
2	AKOLA CORP	91.88								13.78		6.89	6.89		6.89	6.89	32.16		16.08	16.08		16.08	16.08
3	SOLAPUR CORP	66.90								10.04		5.02	5.02		5.02	5.02	23.42		11.71	11.71		11.71	11.71
4	YAVATMAL	55.00								8.25		4.13	4.13		4.13	4.13	19.25		9.63	9.63		9.63	9.63
5	UDGIR	126.60								18.99		9.50	9.50		9.50	9.50	44.31		22.16	22.16		22.16	22.16
6	MALEGAON	49.75								7.46		3.73	3.73		3.73	3.73	17.41		8.71	8.71		8.71	8.71
7	HINGANGHAT	58.80								8.82		4.41	4.41		4.41	4.41	20.58		10.29	10.29		10.29	10.29
8	WARDHA	35.30								5.30		2.65	2.65		2.65	2.65	12.36		6.18	6.18		6.18	6.18
9	ACHALPUR PARATWADA	14.85								2.23		1.11	1.11		1.11	1.11	5.20		2.60	2.60		2.60	2.60
10	OSMANABAD	45.37								6.81		3.40	3.40		3.40	3.40	15.88		7.94	7.94		7.94	7.94
11	LATUR CORP	60.00								9.00		4.50	4.50		4.50	4.50	21.00		10.50	10.50		10.50	10.50
12	JALGAON	124.35								18.65		9.33	9.33		9.33	9.33	43.52		21.76	21.76		21.76	21.76
13	AMBARNATH	13.64								2.05		1.02	1.02		1.02	1.02	4.77		2.39	2.39		2.39	2.39
14	AMRAVATICORP	85.00								12.75		6.38	6.38		6.38	6.38	29.75		14.88	14.88		14.88	14.88
15	VASAI-VIRAR	130.00								13.00		6.50	6.50		19.50	19.50	30.33		15.17	15.17		45.50	45.50
16	NAGPUR	223.00								22.30		11.15	11.15		33.45	33.45	52.03		26.02	26.02		78.05	78.05
17	PIMPRI-CHINCHWAD	120.00								12.00		6.00	6.00		18.00	18.00	28.00		14.00	14.00		42.00	42.00
18	SATARA	5.00								0.75		0.38	0.38		0.38	0.38	1.75		0.88	0.88		0.88	0.88
19	PANVEL	50.50								7.58		3.79	3.79		3.79	3.79	17.68		8.84	8.84		8.84	8.84
20	BADLAPUR	33.11								4.97		2.48	2.48		2.48	2.48	11.59		5.79	5.79		5.79	5.79
21	AHMEDNAGAR	149.00								22.35		11.18	11.18		11.18	11.18	52.15		26.08	26.08		26.08	26.08
22	SOLAR PANEL PROJECT	143.76								21.56		10.78	10.78		10.78	10.78	50.32		25.16	25.16		25.16	25.16
		1781.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.62	0.00	121.81	121.81	0.00	169.11	169.11	568.43	0.00	284.24	284.24	0.00	394.59	394.59
B	SEWERAGE PROJECTS																						
	ULHASNAGAR SEWERAGE	223.10								33.47		16.73	16.73		16.73	16.73	78.09		39.04	39.04		39.04	39.04
c	GREEN PARKS AND SPACES	42.00								6.30		3.15	3.15		3.15	3.15	14.70		7.35	7.35		7.35	7.35
	GRAND TOTAL	2046.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	283.39	0.00	141.69	141.69	0.00	188.99	188.99	661.22	0.00	330.63	330.63	0.00	440.98	440.98

Table 3.5: SAAP – State level Plan for Achieving Service Level Benchmarks									
Proposed Priority Projects	Total Project Cost	Indicator	Baseline	Annual Targets(Increment from the Baseline Value)					
				FY 2016		FY 2017	FY	FY	FY
				H1	H2		2018	2019	2020
WATER SUPPLY									
	Rs 2368.71 CRORE (Rs 1781.81CRORE FOR 2015-2016)	Household level coverage of direct water supply connections	67.66 % of 21 Towns		3	10	19.34	0.00	0.00
		Per capita quantum of water supplied	94.80 LPCD for 21 Towns		3	15	22.2		
			Quality of water supplied						
SEWERAGE AND SEPTAGE MANAGEMENT									
	Rs 400CRORE (Rs 223.10 CRORE FOR 2015-16)	Coverage of latrines (individual or community)	80% of one town						0
			Coverage of sewerage network services	35% of one town		0	10		
		Efficiency of Collection of Sewerage							
		Efficiency in treatment							
DRAINAGE									
	0	Coverage of storm water drainage network							
URBAN TRANSPORT									
	0	Service coverage of urban transport in the city							
		Availability of urban transport per 1000 population							
OTHERS (GREEN SPACE ,PARKS INNOVATIVE PROJECTS AND LAKE CONSERVATION)									
	42								

TABLE 3.6 : SAAP - STATE LEVEL PLAN OF ACTION FOR PHYSICAL AND FINANCIAL PROGRESS

SR. NO.	NAME OF CITY	PERFORMANCE INDICATOR	BASELINE (as on date xx)	MISSION TARGET	FOR FINANCIAL YEAR 2015-2016			
					FOR HALF YEAR 1		FOR HALF YEAR 2	
					PHYSICAL PROGRESS TO BE ACHIEVED	FUNDS TO BE UTILIZED	PHYSICAL PROGRESS TO BE ACHIEVED	FUNDS TO BE UTILIZED
1	CHANDRAPUR	House hold level coverage of water supply connection	34	75			30	30.00
		Per capita quantum of water supply	48	90				
2	AKOLA	House hold level coverage of water supply connection	46	75			30	27.56
		Percapita quantum of water supply	90	120				
3	Solapur	House hold level coverage of water supply connection	48	70			30	20.07
		Percapita quantum of water supply	80	110				
4	YAVATMAL	House hold level coverage of water supply connection	48	75			30	16.50
		Percapita quantum of water supply	100	115				
5	UDGIR	House hold level coverage of water supply connection	50	100			20	25.32

		Percapita quantum of water supply	50	135		
6	MALEGAON	House hold level coverage of water supply connection	50	100	30	14.63
		Percapita quantum of water supply	93	135		
7	HINGANGHAT	House hold level coverage of water supply connection	57	100	30	17.64
		Percapita quantum of water supply	80	135		
8	WARDHA	House hold level coverage of water supply connection	58	100	30	10.59
		Percapita quantum of water supply	80	135		
9	ACHALPUR PARATWADA	House hold level coverage of water supply connection	59	100	30	4.46
		Percapita quantum of water supply	90	135		
10	OSMANABAD	House hold level coverage of water supply connection	68	100	30	13.61
		Percapita quantum of water supply	70	100		
11	LATUR CORPORATION	House hold level coverage of water supply connection	70	80	30	18.00

		Percapita quantum of water supply	80	90		
12	JALGAON	House hold level coverage of water supply connection	70	85	30	37.31
		Percapita quantum of water supply	88	95		
13	AMBARNATH	House hold level coverage of water supply connection	70	85	30	4.09
		Percapita quantum of water supply	88	94		
14	AMRAVATI CORPORATION	House hold level coverage of water supply connection	73	100	30	25.50
		Percapita quantum of water supply	108	135		
15	VASAI-VIRAR	House hold level coverage of water supply connection	75	100	30	39.00
		Percapita quantum of water supply	100	100		
16	NAGPUR	House hold level coverage of water supply connection	80	100	30	66.90
		Percapita quantum of water supply	97	135		
17	PIMPRI-CHINCHWAD	House hold level coverage of water supply connection	87	93	30	36.00

		Percapita quantum of water supply	142	135		
18	SATARA	House hold level coverage of water supply connection	90	100	30	1.50
		Percapita quantum of water supply	135	135		
19	PANVEL	House hold level coverage of water supply connection	90	100	30	15.15
		Percapita quantum of water supply	96	135		
20	BADLAPUR	House hold level coverage of water supply connection	98	100	30	9.93
		Percapita quantum of water supply	130	130		
21	AHMEDNAGAR	House hold level coverage of water supply connection	100	100	30	44.70
		Percapita quantum of water supply	100	120		
20	ULHASNAGAR (SEWERAGE)	COVERAGE OF LATRINES IN %	80	80	20	44.62
		COVERAGE OF SEWERAGE NETWORK IN %	35	70		
21	SOLAR PANEL PROJECTS	COVERAGE OF LATRINES IN %			30	100.00
	Total					623.08

Plan of Administrative and other Expenses

4. Plan of action for administrative and other expenses (A&OE)								
S.No	Item proposed for A&OE	Total Allocation	Committed Expenditure from previous year (if any)	Proposed spending for Current Financial year	Balance to Carry Forward			
					FY 2017	FY 2018	FY 2019	FY 2020
1	Preparation of SLIP and SAAP	2.5		0.5	0.5	0.5	0.5	0.5
2	PDMC including DPR Preparation	180		10	42.5	42.5	42.5	42.5
3	Procuring Third Party Independent Review and Monitoring Agency	10		0.75	2.31	2.31	2.31	2.31
4	Publication (e-Newsletter, guidelines, brochures, etc.)	2		0.15	0.45	0.45	0.45	0.45
5	Capacity Building and Training - CCBP, if applicable - Others	80		10	18.50	18.50	18.50	18.50
6	Reforms implementation	80		6	18.50	18.50	18.50	18.50
7	Others	45.50		3.65	10.38	10.38	10.77	10.70
Total		400		31.05	92.14	92.14	92.53	92.53

Plan Of Action for Reform Implementation

Table No.	Content
5.1	Reforms Types, Steps and Targets for AMRUT Cities FY 2015-16
5.2	Reforms Types, Steps and Targets for AMRUT Cities FY 2016-17
5.3	Reforms Types, Steps and Targets for AMRUT Cities FY 2017-18
5.4	Reforms Types, Steps and Targets for AMRUT Cities FY 2018-19
5.5	Self-Evaluation for Reporting Progress on Reforms Implementation

5.1 SAAP - Reforms Type, Steps and Target for AMRUT Cities FY 2015-2016

S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP	
				April to Sep, 2015	Oct 2015 to Mar, 2016
1	E-Governance	Digital ULBS			----
		1. Creation of ULB website	6 months	yes	
		2. Publication of e-newsletter, Digital India Initiatives.	6 months	yes	----
		3. Support Digital India (during to be done on PPP mode by the ULB itself).	6 months	yes	----
2	Constitution and professionalization of municipal cadre	1. Policy for engagement of interns in ULBs and implementation.	12 months	----	yes
3	Augmenting double entry accounting	1. Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY 2012-2013 onwards.	12 months	----	yes
		2. Publication of annual financial statement on website.	Every Year	----	yes
4	Urban Planning and City Development Plans	1. Preparation of Services level Improvement Plans (SLIP), State Annual Action Plans (SAAP).	6 months	yes	----
		2. Make aciton plan to progressively increase Green cover in cities to 15% in 5 years.	6 months	yes	----
		3. Develop at least one children park every year in the AMRUT cities	Every Year	----	yes
		4. Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model	12 months	----	yes

5	Devolution of funds and functions	1. Ensure transfer of 14th FC devolution to ULBs.	6 months	Yes	----
		2. Appointment of State Finance Commission (SFC) and making decisions.	12 months	----	yes
		3. Transfer of all 18 function of ULBs.	12 months	----	yes
6	Reviews of Building by-laws	1. Revisoin of building bye laws periodically.	12 months	-----	yes
		3. Create single window clearance for all approvals to give building permissions.	12 months	-----	yes
7(a)	Municipal tax and fees improvement	1. At least 90% coverage	12 months		yes
		2. At least 90% collection			
		3. Make a policy to, periodically revise property tax, levy charges and other fees.		----	
		4. Post Demand Collection Book (DCB) of tax details on the website.			
		5. Achieve full potential of making a policy for destination specific potential having dynamic pricing module.			
7(b)	Improvement in levy and collection of user charges	1. Adopt a policy on user charges for individual and institutional rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable.	12 months	-----	yes
		2. Make action plan to reduce water losses to less than 20% and publish on the website.		-----	
		3. Separate accounts for user charges.		----	
		4. Atleast 90% billings.		-----	
		5. Atleast 90% collection.		----	
8	Energy and Water audit	1. Energy (Street lights) and Water Audit (including non-revenue water or losses audit).	12 months	----	yes
		2. Making STPs and WTPs energy efficient		-----	
		3. Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy.			

Table 5.2 SAAP Reforms Type, Steps and Target for AMRUT CITIES Financial year 2016-2017

S.No	Type	Steps	Implementat ion Timeline	Target to be set by states in SAAP			
				April to Sep, 2015	Oct 2015 to Mar, 2016	April to Sep, 2016	Oct, 2016 to Mar 2017
1	E-Governance	1. Coverage with E-MAAS (from the date of hosting the software *Registration of Birth, Death And Marriage *Water & Sewerage Charges *Grivance Redressal *Property Tax *Advertisement tax *Issuance of Licenses *Building Permissions *Mutations *Payroll *Pension and e-procument	24 months	-----	-----	-----	YES
2	Constitution and professionalization of municipal cadre	1. Establishment of municipal cadre 2. Cadre linked training	24 months	-----	-----	-----	YES
3	Augmenting double entry accounting	1. Appointment of internal auditor	24 months	-----	-----	-----	YES
4	Urban Planingng and City Development Plans	1. Make a State Level policy for implementing the parameters given in the National Mission for Sustainable Habitat.	24 months	-----	-----	-----	YES
5	Devolution of funds and functions	1. Implementation of SFC recommendations within timeline	24 months	-----	-----	-----	YES

6	Review of Building by-laws	<p>1. State to formulate a policy and action plan for having a solar roof top in all building having an area greater than 500 square meters and all public buildings.</p> <p>2. State to formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public building and new buildings on plot of 300 sq. meters and above.</p>	24 months	-----	-----	-----	YES
7	Set-up financial intermediary at state level	1. Establishment and operationalize financial intermediary - pool finance, access external funds, float municipal bonds.	24 months	-----	-----	-----	YES
8	Credit Rating	1. Complete the credits ratings of the ULBs.	24 months	-----	-----	-----	YES
9	Energy and Water audit	1. Give incentives for green buildings (e.g. rebate in property tax or charges conneted to building permission/developm ent charges).	24 months	-----	-----	-----	YES

Table 5.3 SAAP –Reforms Type steps and Targets for AMRUT CITIES FY 2017-2018

S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP					
				April to Sep, 2015	Oct 2015 to Mar, 2016	April to Sep, 2016	Oct, 2016 to Mar 2017	April to Sep, 2017	Oct , to Mar 2018
1	E-Governance	1. Personal Staff management.	36 months	----	----	-----	-----	-----	Yes
2	Urban Planing and City Development Plans	2. Project management 1. Establish Urban Development Authorities.	36 months	----	----	-----	-----	-----	Yes
3	Swachh Bharat Mission	1. Elimination of Open defecation. 2. Wastes Collection (100%), 3. Transportation of Waste (100%). 4. Scientific Disposal (100%). 5. The State will prepare a Policy for Right-sizing the number of municipal functionaries depending on, say, population of the ULB, generation of internal resources and expenditure on salaries.	36 months	----	----	-----	-----	-----	Yes

Table 5.4 SAAP –Reforms Type steps and Targets for AMRUT CITIES FY 2018-2019

S.No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP								
				April to Sep, 2015	Oct 2015 to Mar, 2016	April to Sep, 2016	Oct, 2016 to Mar 2017	April to Sep, 2017	Oct 2017, to Mar 2018	April to Sep, 2018	Oct, 2018 to Mar, 2019	
1	Urban Planning and City Development Plans	1. Preparation of Master Plan using GIS	48 months	----	----	-----	-----	-----	-----	-----	-----	yes

**Table 7.2.1 Fund requirement for Individual Capacity Building
at ULB level**

S.No	Name of the ULB	Total numbers to be trained in the current FY department wise						Name of the training institution identified	Number of training programmes to be conducted	Funds required in current FY
		Elected Representative	Finance Dept.	Engineering Dept.	Town Planing Dept.	Administration Dept.	Total			
1	KOLHAPUR	81	40	40	30	60	251	GOVT. AUTHORIZED INSTTUTE		2150000
2	ULHASNAGAR	83	30	30	30	30	203			
3	PUNE	156	60	461	20	4260	4957			16949598
4	NANDED	86	27	78	17	148	356			
5	NAGPUR	150	80	260	30	60	580			3620000
6	MALEGAON	80	9	8	6	95	198			1000000
7	BHUSAWAL	47	4	6	2	4	63			1448000
8	JALGAON	74	20	20	20	14	148			1118040
9	NANDURBAR	37	2	4	5	4	52			594440
10	SATARA	39	7	6	5	7	64			
11	PIMPRI CHINCHWAD	132	60	120	120	120	552			
12	AMRAVATI	92	22	29	22	65	230			1060000
13	AHMEDNAGAR	68	6	12	5	281	372			
14	ICHALKARANJI	62	14	17	7	19	119			
15	PANVEL	253	6	516		30	805			
16	KALYAN DOMBIVLI	127	109	143	31	109	392			
17	AMBERNATH	62	5	100	5	10	92			2500000
		1629	501	1850	355	5316	9434			30440078

7.2.2 Fund requirement for state level activities (Amount Rs.Crores)

S.No	State level activity	Cumulative funds released upto current FY	Total expenditure upto current FY	Unspent funds available from earlier release	Funds required for the current FY
1	RPMC	0	0	0	0.70
2	UMC	0	0	0	0.30
3	Other (e.g. workshops, seminar, etc), which are approved by NIUA	0	0	0	3.00
4	Institutional	0	0	0	6.00
Total		0	0	0	10.00

7.2.3 Total fund requirement for Capacity Building

S.No	Funds requirement	Individual	Institutional	RPMC and UMC	Others	Total
1	Total release start of Mission (2015)	0	0	0	0	0
2	Total utilized - Centre share	0	0	0	0	0
3	Balance available - Centre share	0	0	0	0	0
4	Amount required - Centren share	2	7	1	0	10
5	Total funds required for capacity building in current FY	2	7	1	0	10

Form 7.2.4 Details of Institutional Capacity Building

A) Is the State willing to revise their town planning laws and rules to include land polling ?

Ans: Yes, This is presently in process.

B) List of ULBs willing to have a credit rating done as the first step to issued bonds?

Ans: Some of Mission cities have already done their credit rating and remaining cities will get the credit rating done.

C) Is the State willing to integrate all work done in GIS in order to make GIS useful for decision making in ULBs?

Ans: yes

D) Is the State willing to take assistance for using land as a fiscal tool in ULBs?

Ans : Assistance will be welcome.

E) Does the State require assistance to professionalize the municipal cadre?

Ans : Assistance will be welcome.

F) Does the State require assistance to reduce non- revenue water in ULBs?

Ans : Assistance will be welcome.

G) Does the State require assistance to improve property tax assessment and collection in ULBs?

Ans : Assistance will be welcome.

H) Does the State require assistance to establish a financial intermediary?

Ans : No.

I) Any other capacity assistance to implement the AMRUT Reform Agenda as set out in these Guidelines ?

Ans : Assistance will be welcome.



स्वच्छतेचा संकल्प

स्वच्छ महाराष्ट्र अभियानांतर्गत मी स्वच्छतेच्या सप्तपदीचा संकल्प करते/ करतो.

- ❶ माझे पहिले पाऊल सहभागाच्या ठाम निर्धाराने,
- ❷ दुसरे पाऊल व्यापक लोकसहभाग मिळविण्याचे,
- ❸ तिसरे पाऊल १०० टक्के शौचालयाचाच वापर करण्यासाठी प्रवृत्त करण्याचे
- ❹ चौथे पाऊल कचऱ्याचे संकलन, वर्गीकरण, वाहतूक करण्याचे
- ❺ पाचवे पाऊल कचऱ्यावर शास्त्रोक्त प्रक्रिया करण्याचे
- ❻ सहावे पाऊल सांडपाण्यावर प्रक्रिया करण्याचे
- ❼ सातवे पाऊल हरित स्वच्छ महाराष्ट्र साकारण्याचे असेल.

मला खात्री आहे की, माझ्या या सप्तपदीने स्वच्छ महाराष्ट्राचे स्वप्न निश्चितच साकार होईल.



सप्तपदी : हरित स्वच्छ महाराष्ट्रासाठी .

नगरविकास विभाग, महाराष्ट्र शासन

