



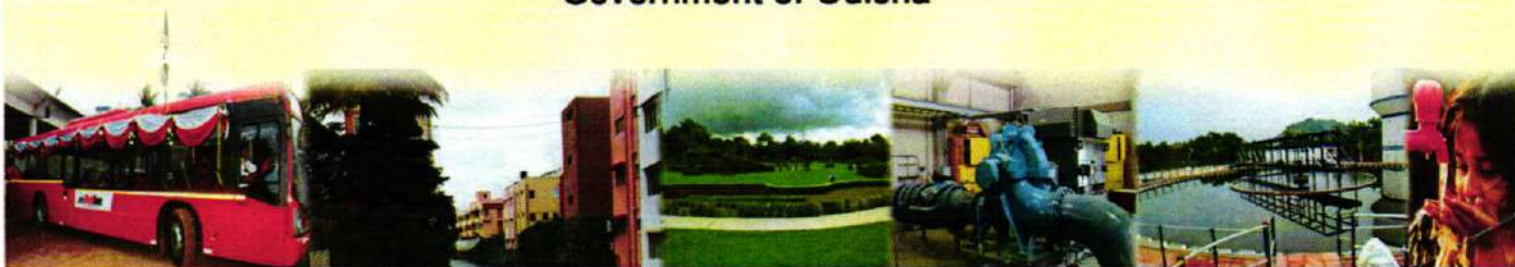
# DISHA



## State Annual Action Plan (FY 2015-2016)



Housing and Urban Development Department  
Government of Odisha







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(FY 2015-2016)

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## EXECUTIVE SUMMARY

The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) adopts a 'mission mode' approach to ensure basic infrastructure services relating to water supply, sewerage, Septage management, storm water drainage, transport and development of green spaces and parks with special provision for meeting the needs of children. The Mission specifically aims to: (i) ensure that every household has access to a tap with assured supply of water and a sewerage connection; (ii) increase the amenity value of cities by developing greenery and well maintained open spaces (e.g. parks); and (iii) reduce pollution by switching to public transport or constructing facilities for non-motorized transport (e.g. walking and cycling).

The Mission will be implemented in 9 cities and towns of Odisha, i.e. Bhubaneswar, Cuttack, Berhampur, Sambalpur, Rourkela, Puri, Balasore, Baripada and Bhadrak. Implementation of the Mission will be linked to promotion of urban reforms such as e-governance, constitution of professional municipal cadre, devolving funds and functions to Urban Local Bodies, review of Building Bye-laws, improvement in assessment and collection of municipal taxes, credit rating of ULBs, energy and water audit and citizen-centric urban planning. 10 percent of budget allocation is being given to States as incentive based on achievement of reforms during the previous year.

Central assistance will be to the extent of 50 per cent of project cost for cities and towns with a population of up to 10 lakh. Central assistance will be released in three installments in the ratio of 20:40:40 based on achievement of milestones indicated in the State Annual Action Plans. Funding of AMRUT projects to ULBs through the State are provided on the basis of proposals submitted in State Annual Action Plan (SAAP), which is an aggregate of City level Service Improvement Plan (SLIP) indicating year-wise improvement of municipal SLIPs prepared by the ULBs serve as the building block for development of year-wise prioritized investment in SAAP to address gaps in service levels.

In this context, the State Annual Action Plan (SAAP) for the first year of the mission (FY 2015-16) adheres to the principle of moving toward universal coverage of water supply and sewerage /Septage management as a priority as mentioned in the Mission Statement and Guidelines circulated by the MoUD, Govt. of India. The State has identified and prioritised projects within the framework of AMRUT, based on gap analysis, implementation advantage like, land, clearances etc., Spending capacity of the service provider and the like. While prioritizing projects, universal coverage of water supply and sewerage has been given top priority. Adequate consultations have been made by the respective Urban Local Bodies at the City level with the citizens and people's representatives while preparing the Service Level Improvement Plans (SLIPs) based on which the draft State Annual Action Plan (SAAP) has been prepared at the state level. The draft SAAP has been presented before the MPs, MLAs and Mayors/Chairpersons of all AMRUT cities/towns as part of the consultation process and accordingly the final SAAP has been realigned. The final draft of the SAAP has been approved by the State High Powered Steering Committee (SHPSC) in its 1<sup>st</sup> meeting held on 3<sup>rd</sup> October 2015.

Across all 5 sectors, about 526 projects costing Rs. 10225.72 Cr have been proposed in the SLIPs of 9 AMRUT cities for five years (FY 2015-20). Out of total identified projects, 84 projects amounting to Rs. 461.30 Cr have been prioritized for the first Year SAAP (FY 2015-16) based on the national priority of universal coverage of water supply and sewerage/Septage; The sector-wise allocation of fund is Rs. 399.38 Cr. (Water-supply), Rs. 52.86 Cr. (Sewerage/Septage), and Rs. 9.06 Cr. (Children's parks). The total funds required for FY 2015-16 has been computed at Rs. 492.62 Cr including A & OE component. Out of total amount of Rs. 492.62 Cr, Rs 461.30 Cr is required for projects and Rs. 31.32 Cr. is for A&OE component. The Central Assistance against the above requirement has been sanctioned for 2015-16 is Rs. 228.14 and Rs.7.06 Cr for A&OE.

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## SECTION - 1. BACKGROUND

Atal Mission of Rejuvenation & Urban Transformation (AMRUT) was launched by the Ministry of Urban Development, Govt. of India on 25th June 2015 for next 5 Years i.e. up to March 2020. Five hundred (500) cities are taken up under the Mission having a population greater than one lakh (100,000). Under the mission MoUD, Govt will provide 50% of project fund while State & ULB will share rest 50%.

Earlier, MoUD used to give project-by-project sanctions. Under AMRUT Mission, this has been replaced by approval of the State Annual Action Plan once a year by the MoUD and the States has to give project sanctions and approval at their end.

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
- Creation and upgradation of green spaces, parks and recreation centers, especially for children.

### 1.1 Urbanization Trends in Odisha:

There has been a steady increase in the country's urban population over the decades. The population has increased from 26 million in 1901 to 377 million in 2011 and from 10 percent to 31 percent during the same period. India's urbanization presents a contrasting picture – a large urban population with low urbanization and showing a growth rate of 2.76% per annum during 2001-2011.

The annual exponential growth rate of urban population and rate of urbanization shows that urban population of India had an urban population of about 79 million in 1961, which constituted about 18% of the total population. The average growth rate of the urban population was 2.32% during 1951-61 which accelerated up to 3.79% during 1971-81. This was the highest urban growth since independence. After 1981, the urban growth rate decelerated to 3.09% during 1981-91 and further declined to 2.75 during 1991- 2001.

However, the declining growth rate was reversed during 2001-2011. The number of urban centers increased from 3,126 in 1971 to 5,161 by 2001 and to about 8000 in 2011. One perceptible trend noticeable is the slowing down of urbanization – a large of number of states as well as urban centers at all levels experienced this slow down.

According to the 2011 Census, urbanization has increased faster than expected. This has reversed the declining trend in the growth rate of the urban population observed during the 1980s and 1990s. Also, for the first time since independence, the absolute increase in the urban population was higher than that in the rural population. This has huge implications on infrastructure and provision of other civic amenities in urban areas.

As per 1941 Census, only three percent of the total population in Odisha lived in cities and towns as against 13.86% for India. Though the percentage of urban population is less in Odisha, pace of urbanization in the State between 1941 and 2011 was low compared to the pattern for the country as a whole .At 2011 census, the proportion of population living in urban areas in the states stood at 16.68% compared to 31.16% for the country, density of population of Odisha in 2011 is 269 Sq.km. Odisha ranks 31<sup>st</sup> in list of most urbanized states of the country, while in terms of actual urban population, the state ranks 11th in the list of states with largest urban population.



### State-wise Population (2011)

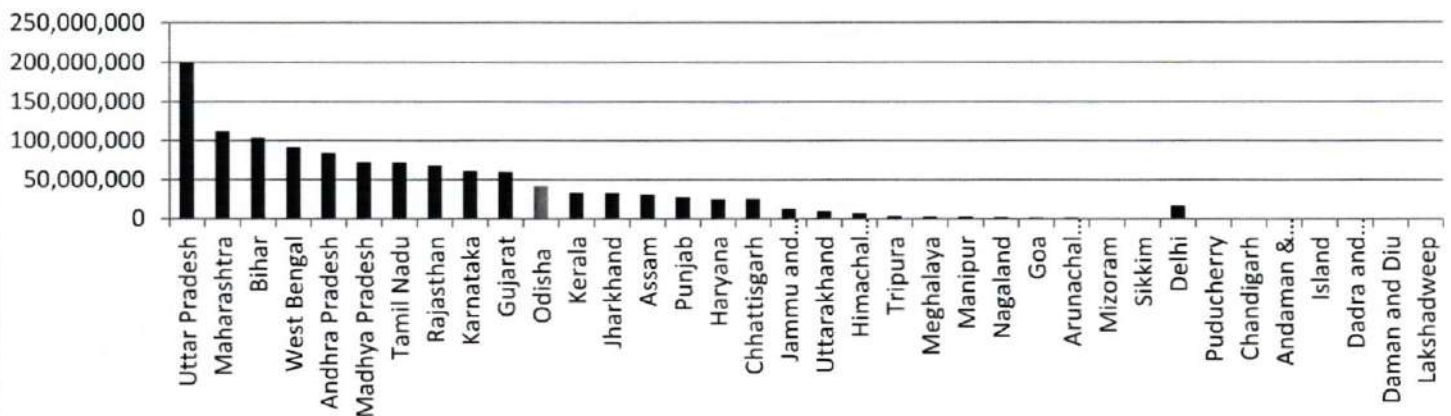


Figure 1.1-1 State wise Population of India

### Rural - Urban Odisha

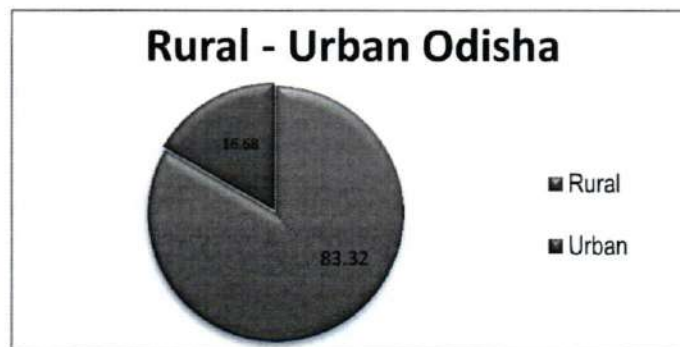


Chart 1.1-2 Rural Urban Population Distribution in Odisha

## 1.2 Distribution of Population by Class and Size

Census of India classifies urban centers into six categories based on population ranges. In each size class there can be some fast growing cities and towns and some slow growing. One feature of India's urbanization is the growth of large and metropolitan cities. This is a challenge on India's urbanization. In 1901 only Calcutta had more than a million populations, the number increased to 12 by 1981, to 23 by 1991 and to 35 in 2001. At the Census 2011, there are 468 such UAs/Towns.

The corresponding number in Census 2001 was 394. The 53 metropolitan cities contain 19.24 percent of the total urban population of India. However, as a proportion of the entire population of India the 53 metropolitan cities account for just 6 percent of the total population.

One aspect of metropolitan growth is that there is very favorable spatial spread of these large cities that may help in achieving the goals of balanced urban development. Today Mumbai is the most populous city of the country followed by Kolkata, Chennai and Delhi. These four cities have remained at the top of India's urban hierarchy.

## 1.3 Classification of Towns in Odisha:

Based on 2011 census figures, the urban areas in Odisha are classified into six categories (Class I – VI) as illustrated in the table 4 below. The size of population and the proportion of people engaged in non-agriculture activities and industrial areas have been considered as the major criteria for the constitution of ULBs. Odisha does not have a metropolitan city as per 2011 but in future Bhubaneswar and Cuttack with 881,988 and 658,986 populations are likely to join the metropolitan category,

Category Metropolitan (million plus)	No. of Towns (as per Census 2011)
Class I cities (Population 100,000 or more)	09
Class II towns (Population 50,000-99,999)	15
Class III towns (Population 20,000-49,999)	43
Class IV towns (Population 10,000 – 19,999)	48
Class V towns (Population 5,000 – 9,999)	79
Class VI towns (Population 4,999 and below)	29
Total	223*

Table 1.3-1 Classification of Towns in Odisha

(\* Out of 223 census towns, 111 are notified as ULBs)

The graph below shows the urbanization trends in Odisha—total population, urban population, percent of urban population in total population and decadal growth for the period 1941-2011. Prior to 1951, there were only 39 urban centres in Odisha, which has grown up to 138 in 2001. The percentage of population living in urban areas in the state has gone up from 3% in 1941 to 14.97% in 2001 and 16.68% in 2011. Graph illustrates the urban population percentage.

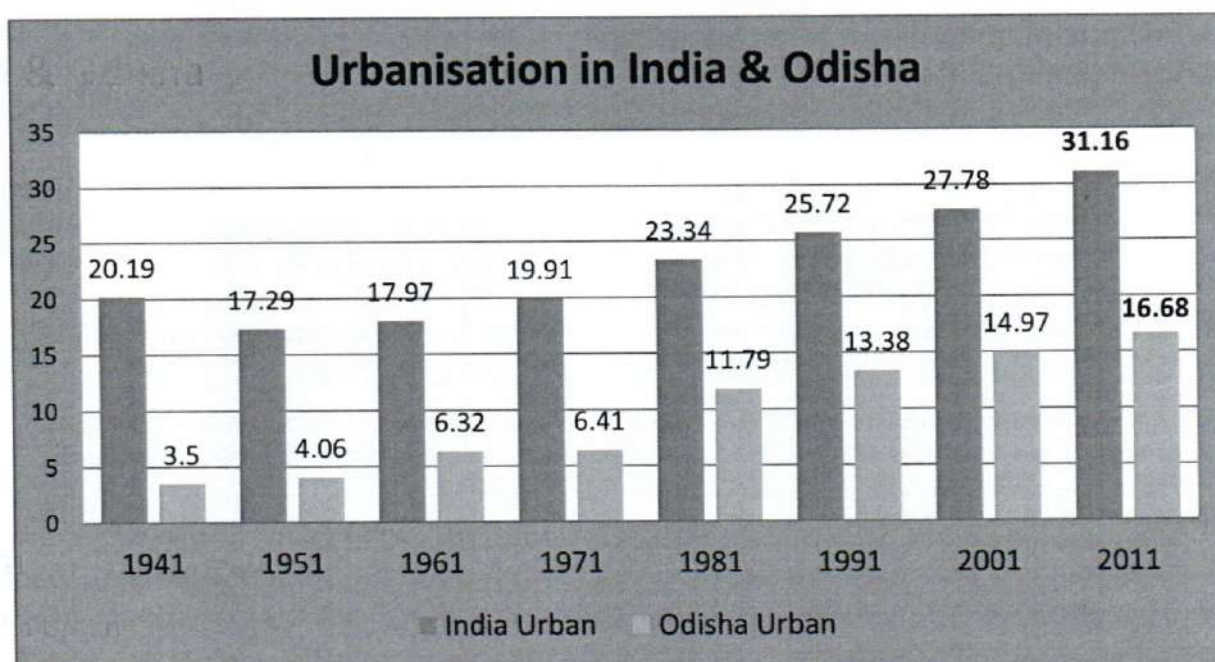


Chart 1.3-1 Trends of Urban Population Percentage in Odisha

## SECTION - 2. CITY PROFILES

### 2.1 Demographic Details

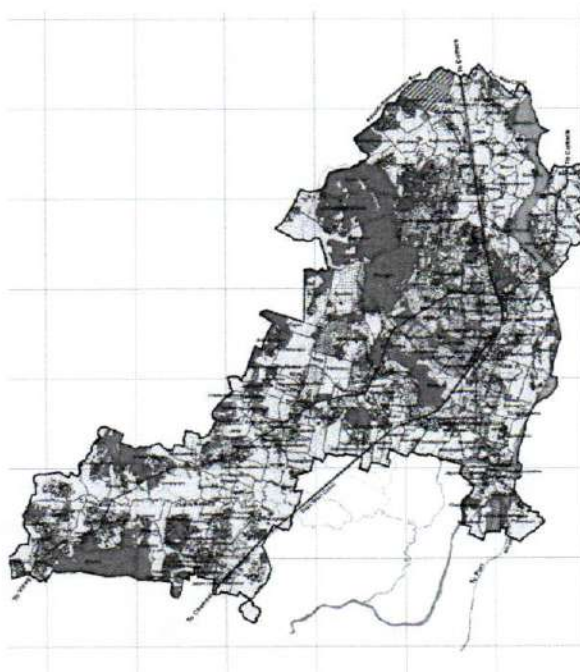
The Table 2-1.1 below well elucidates the population of the nine project towns. Further the sex ratio table below shows the comparison between the various towns.

Table 2.1-1 Population of AMRUT cities/towns as per the census 2011

Sl.no	Town	Population 2011	Literacy rate	Sex ratio	Child population
1	Bhubaneswar	843402	91.87	890	81847
2	Cuttack	610189	91.00	930	57973
3	Berhampur	356598	90.04	917	29509
4	Rourkela	310976	86.91	900	56950
5	Sambalpur	335761	85.74	942	27510
6	Puri	200564	88.03	927	18471
7	Balasore	118162	86.58	954	17911
8	Baripada	109743	89.31	931	9933
9	Bhadrak	107463	81.21	946	14492

### 2.2 Bhubaneswar

As per the 2011 census, the population of Bhubaneswar Municipal Corporation is 8.44 Lakh, which has been fast increasing since then to reach the 1 billion mark. The decadal growth rate of the city is very high @ 30.2% indicating that Bhubaneswar is growing very fast. The population of the out growth area is about 0.45 Lakh. The average daily floating population is about 25,000. Both horizontal and vertical growth of the city is observed during the recent years. Many satellite towns are developing in the peri-urban areas of Bhubaneswar. Nearby towns like Cuttack, Khurda, Jatni and Pipili are likely to merge in the future to constitute a regional urban cluster. It is the state capital of Odisha, which is also part of the tourism golden triangle of Puri-Konark-Bhubaneswar. The city is well connected by rail, air and road (NH 5). Bhubaneswar is the business & tourism gateway of the state. The city has become one of the

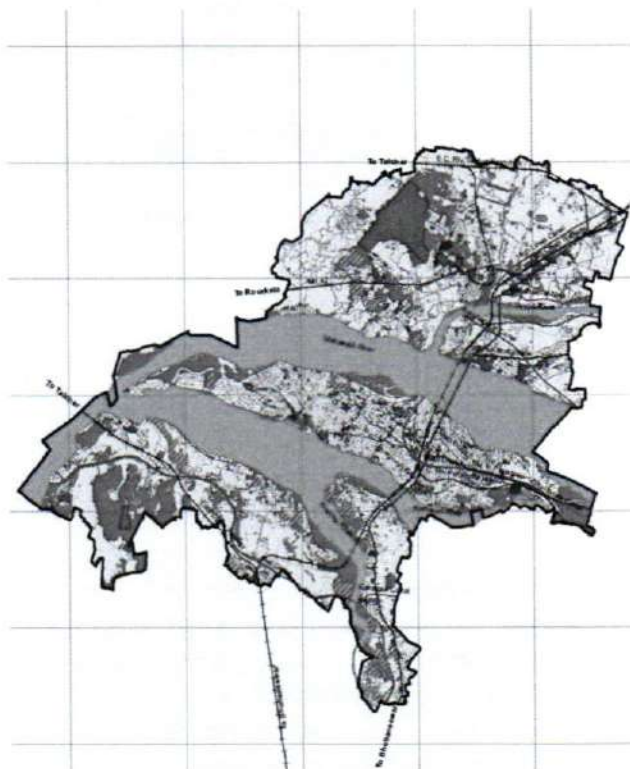


major IT hub of India. It houses all the major corporate offices of India. There is a rail coach manufacturing unit. The city has great potential in the areas of IT & BPM, railways, tourism and hospitality.

Bhubaneswar is a city of opportunities with availability of adequate skilled manpower in all sectors. Adequate land is available for horizontal growth of the city and to accommodate future infrastructure needs with low environmental risk. There is adequate source for water and availability of potable water supply in Bhubaneswar to match the national benchmark. Existing Sewerage system is in place which is being augmented under JnNURM & JAICA funding. The storm water drainage system is also being developed under JnNURM. Solid waste of the city is managed on PPP mode including landfill and treatment. Good public transport facility is available in the city with city bus service in PPP mode; while MRTS is proposed to connect Bhubaneswar with Cuttack, Khurda and Jatni. BRTS is proposed for two corridors in Bhubaneswar in the first phase. Bhubaneswar is the largest educational hub of the state with adequate number of schools, colleges, technical and vocational institutes and varsities. Bhubaneswar has the presence of reputed Institutes like AIIMS, IIT, NISER and major hospitals like APPOLO, KALINGA, AMRI, CARE, SUM and many more.

### 2.3 Cuttack

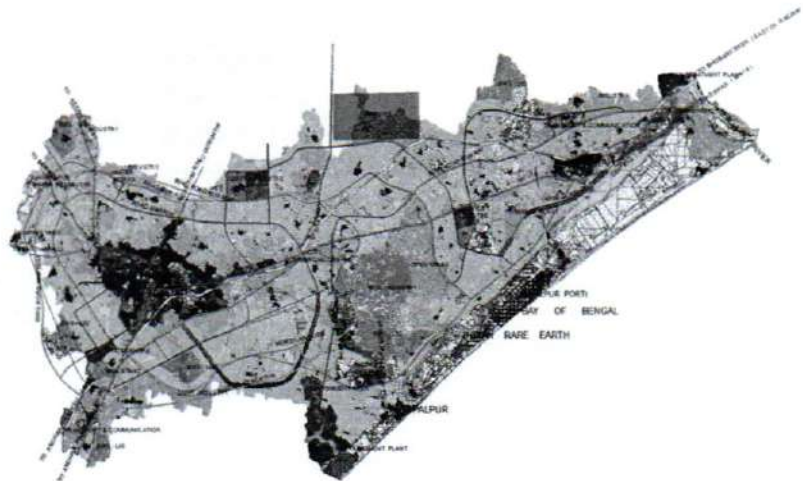
As per the 2011 census, the population of Cuttack Municipal Corporation is 6.10 Lakh. The decadal growth rate of the city is @ 14%. The population of the out growth area is about 0.53 Lakh. The average floating population is about 15,000. Both horizontal and vertical growth of the city is observed during the recent years, however, the horizontal growth is restricted by the rivers *Mahanadi* and *Kathajodi*. Nearby towns like *Choudwar* and *Jagatpur* are likely to merge in the future to provide a regional commercial hub. It was the old capital of Odisha till the year 1956. Cuttack is a city of heritage importance with history of more than 1000 years! The city is well connected by rail and road (NH 5). Cuttack is famous in the country and abroad for silver filigree works by its artisans. Cuttack is the trading hub of the state for which it is also known as the commercial capital of the state. With presence of the '*maalgowdown*', economy of the city revolves around whole sale trading.



The city has skilled manpower in the field of tourism, hospitality and handicraft. The city has also immense potential in food processing. Surrounded by rivers there is adequate availability of potable water in Cuttack to match national benchmark. A major integrated sewerage and storm water drainage system project for the entire city is implemented with JAICA funding. The municipal solid waste is managed on PPP mode including landfill and treatment. Good public transport facility with city bus service on PPP mode is available. MRTS is proposed to connect Cuttack, Bhubaneswar, Khurda and Jatni. Educational facility in the city is good with presence of a major medical college cum hospital, private hospitals, nursing homes, engineering colleges and ITI centers.

## 2.4 Berhampur

As per the 2011 census, the population of Berhampur Municipal Corporation is 3.57 Lakh. The decadal growth rate of the city is @ 16%. The average floating population is about 15,000. Both horizontal and vertical growth of the city is observed during the recent years. Satellite townships are developing in the outskirts of the city. Nearby towns like *Chatrapur*, *Gopalpur*, *Hinjili*, and *Digapahandi* are likely to merge in the future to provide a regional commercial & tourism hub.

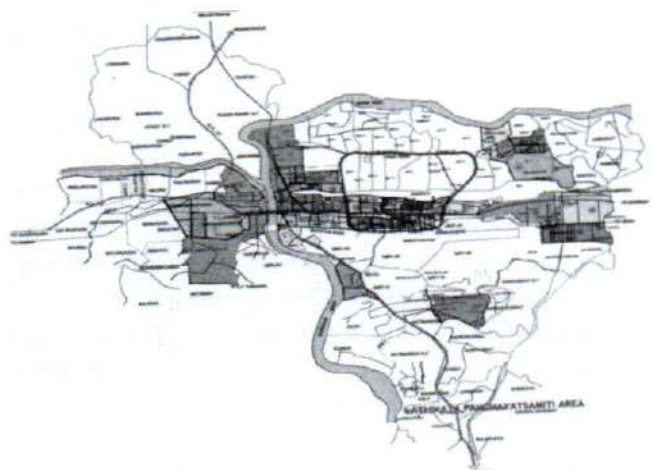


Berhampur is a city of multi-dimensional regional importance with tourist attraction at *Gopalpuron* sea, *Chilikalake* and *Taptapani*; an all-weather port; and presence of an ammunition storage and air defense training centre. Also known as the silk city, Berhampur is famous for handicraft work and silk trading. It is the trading gateway for south Odisha. Economy of the city revolves around whole sale trading and support services.

Skilled manpower is available in the city in the fields of tourism & hospitality, engineering, and services. Adequate land available for horizontal growth of the city can accommodate infrastructure needs. There is very low environmental risk. A major still production unit of TISCO is in progress. Projects Proposal for augmenting potable water supply to match national benchmark is in the process. Similarly, a storm water drainage project is undertaken with assistance from the World Bank under Odisha Disaster Recovery Project (ODRP). Sewerage system is proposed through the state plan. Municipal solid waste of the city is managed on PPP mode including landfill and treatment. Berhampur is well connected by rail and road (NH 5). There is an air strip near by the city. Good transport facility is available with city bus service on PPP mode. Educational facility in the city is good with presence of a major medical college cum hospital, private engineering colleges, ITI centers and a varsity.

## 2.5 Rourkela

As per the 2011 census, the population of Rourkela Municipal Corporation is 3.11 Lakh. The decadal growth rate of the city is @ 21%. The population of the out growth area is about 0.47 Lakh. The average floating population is about 10,000. Both horizontal and vertical growth of the city is observed during the recent years. Many villages have recently joined to become part of the Municipal Corporation. Satellite towns are developing in the peri urban areas of the city. Nearby towns like *Rajgangpur* & *Biramitrapur* are likely to



merge in the future to constitute a regional Industrial hub. Rourkela is famous as the still city of Odisha. It is a prominent industrial city of the country with presence of the Rourkela Steel Plant. Rourkela also houses a Fertilizer plant, L&T casting etc. It has evolved as one of the major ferrous based industrial hub. The economic activities of the city revolve around industrial activity, mining and support services.

Skilled manpower is available in the city in engineering & services. Adequate land is available for horizontal growth of the city to accommodate future infrastructure needs. Vicinity to river source for water and availability of potable water supply is there to match the national benchmark. Sewerage and drainage system for the city is proposed with assistance from JAICA/ADB, AMRUT and state funding. Solid waste of the city is managed in collaboration with the RSP steel township. Good public transport facility is available with new initiative for city bus service on PPP mode. Rourkela is well connected by rail and road (NH 215). There is an air strip also, which is proposed to be upgraded in to a regional airport. The city is a major educational hub of the state with adequate number of schools, colleges, technical and vocational institutes with presence of reputed Institutes like NIT and IIPM.

## 2.6 Sambalpur

As per the 2011 census, the population of Sambalpur Municipal Corporation is 3.36 Lakh. The decadal growth rate of the city is @ 20%. The population of the out growth area is about 0.06 Lakh. The average floating population is about 15,000. Both horizontal and vertical growth of the city is observed during the recent years. Satellite towns are developing in the outskirts of the city. Recently merged towns i.e. *Burla and Hirakud* are likely to develop in the future to constitute a regional hub. Sambalpur symbolizes the culture of western Odisha with the famous Sambalpuri folk dance. The city is also famous for its unique handloom (Sambalpuri Silk Saree) and the fabric. There is presence of a major multi-purpose reservoir and dam (longest earthen dam of Asia) over river *Mahanadi*. Mahanadi Coalfields Ltd. (MCL), the major coal producer and HINDALCO are also present in Sambalpur. The city is famous for handicraft work and Sambalpuri silk saree and dress materials trading. It is indeed the trading gateway for western Odisha. Economy of the city is based on industrial activities in the periphery, whole sale trading and support services.



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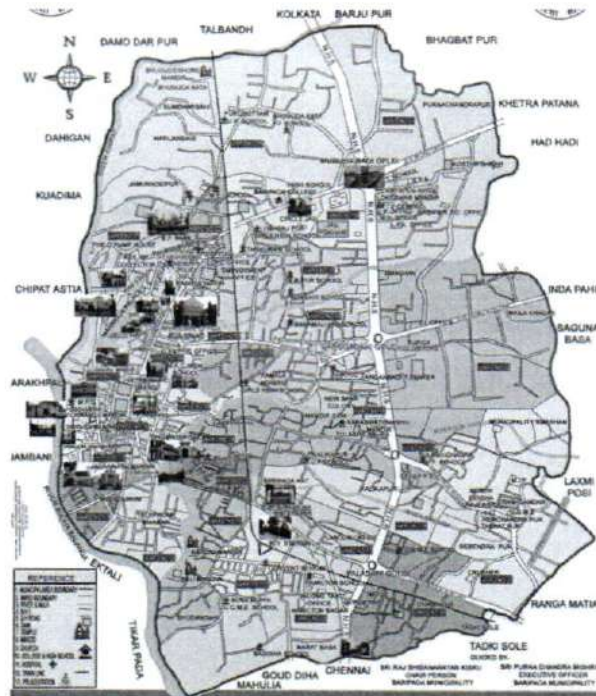
Skilled manpower is available in the city in handicraft, engineering & services. Adequate land is available for horizontal growth of the city to accommodate future infrastructure needs. Proximity to Mahanadi ensures adequate water source and availability of potable water supply to match national benchmark. Sewerage and drainage system are being proposed under the state plan. Solid waste management for the city is proposed on PPP mode including landfill and treatment. Better public transport facility has been initiated with introduction of city bus service on PPP mode. Sambalpur is well connected by rail and road (NH 42) and has proximity to the proposed regional Airport. Educational facility in the city is good with presence of a major medical college cum hospital, engineering colleges, ITI centers and a varsity.

## 2.7 Baripada

As per the 2011 census, the population of Baripada Municipal Corporation is 1.09 Lakh. The decadal growth rate of the city is 22.99%. The average floating population is about 10,000. Both horizontal and vertical growth of the city is observed during the recent years. Satellite towns are developing in the outskirts of the city. Recently merged towns Indu Pahi, Subarnarekha Irrigation Project area and Poda Asthia are likely to develop in the future to constitute a regional hub.

Besides Iron ore, the district has about 8 working china clay mines. Washed china clay being an input in Textile, paper and rubber industries of the country. In spite of Baripada's location in the district, rich with Iron Ore, China clay, Soft stone, Quartzite, Andalusite, Vanadiferous, Magnetite, Copper and good quality lime stone and pottery clay, the presence of a mineral based Industry is still lacking.

Baripada is virtually at the confluence of the above mineral resource region in the North western part of the district and the coastal Agricultural belt of Balasore district. The Iron ore belt of Joda, Nayagarh and Gandhamardan of Keonjhar district with other Manganese resources available at Barbil and Badjamunda of adjoining Keonjhar is linked to Baripada via NH-6 and NH-18. The district has essentially contributed for the development of steel plants in Jharkhand, Bihar and West Bengal

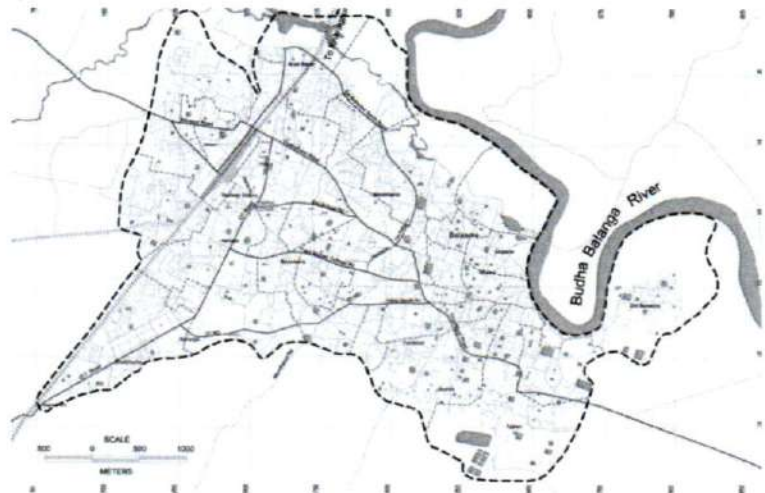


## 2.8 Balasore

As per the 2011 census, the population of Balasore Municipal Corporation is 1.18 Lakh. The decadal growth rate of the city is @ 13.4%. The average floating population is about 10,000. Both horizontal and vertical growth of the city is observed during the recent years. Satellite towns are developing in the out skirts of the city. Recently the merged areas include Kutchery, Moti Gunj, Purana Balasore Sahadevakunta and Balis are likely to develop in the future to constitute a regional hub.

The primary occupation of people in the district of Balasore is agriculture.

Balasore district is mostly known for the cultivation of paddy, since rice is the staple cereal of the local people. The district has four major revenue sources – industries, agriculture, fishing and tourism. Many small and large scale industries are located both within the city limits as well as the outskirts. Balasore Alloys Limited, Emami Paper Mills, Oriplast, Birla Tyres etc. are some of the major industries based in Balasore. The main markets of Balasore are Nua Bazar, Motiganj, FM Square, Vivekanand Marg,



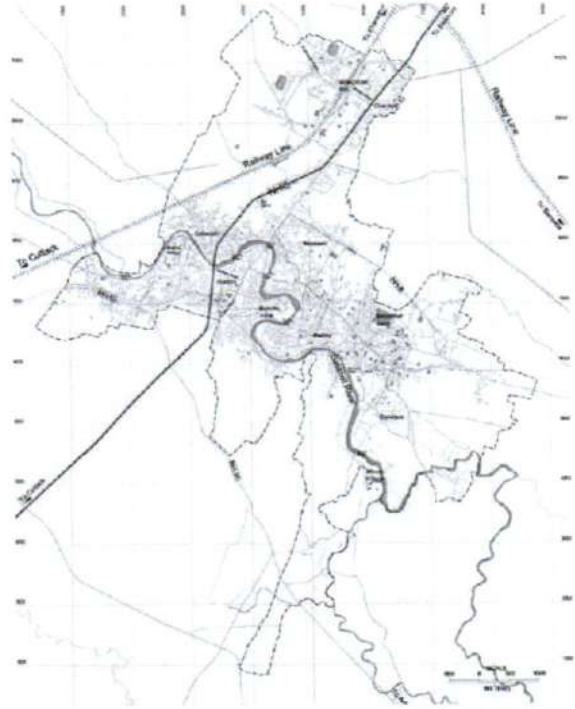
Station Square, ITI Chakh, Kachehri Road, Town Hall and Nua Sahi. Many shopping malls are also in the pipeline.

## 2.9 Bhadrak

As per the 2011 census, the population of Bhadrak Municipal Corporation is 1.07 Lakh. The decadal growth rate of the city is @ 16.16%. The average floating population is about 10,000. Both horizontal and vertical growth of the city is observed during the recent years. The city has grown along the both sides of the Salandi river. The central part of the city is high density zone with major land use under residential and commercial activities.

Bhadrak is primarily centre of agriculture, trade and commerce activities with few industrial units. The Municipality areas do not have many industrial units excluding some small scale and HH industries along NH5 and SH9. There are few rice mills and pulse mills with in municipal unit along NH5.

After the construction of railway line from Howrah to Madras, the town developed as an important transport node for the surrounding region. The transport gained momentum with the construction of SH9 and Number of Major District roads. Due to its location in the core of cyclonic tract in the Bay of Bengal and causing natural hazards in the costal tract, its growth could not sustain and town remained static till the turn of the Century.



## 2.10 Puri

As per the 2011 census, the population of Bhadrak Municipal Corporation is 2 Lakhs. The decadal growth rate of the city is @ 23.9%. Both horizontal and vertical growth of the city is observed during the recent years. Satellite towns are developing in the out skirts of the city. Recently merged areas include Konark, Block A, Block B and Proposed Special Economic Zone (SEZ) are likely to develop in the future to constitute a regional hub.



The urban centers in the region namely, Puri town and Konark NAC have major concentration and share in tertiary sector activities and employment generation. This is largely due to the tourism sector which holds the key in employment generation and economic base of these centers as well as the region. On the contrary, the intermediate villages between the urban centers most comprising of agriculture and allied activities in subsistence form. This over the last decade has resulted in population shift from the rural to the urban areas within the region. Major planning interventions are therefore of prime importance in this region.



## 2.11 Growth trends in Odisha Cities under AMRUT Mission

TOWN_NAME	CLASS 2001	CLASS 2011	C_STATUS	POP_1971	POP_1981	POP_1991	POP_2001	POP_2011	POP_2021
BHUBANESWAR	I	I	M. Corp.	105,491	219,211	411,542	658,220	843402	1033816
CUTTACK	I	I	M. Corp.	205,759	295,268	403,418	534,654	610189	684226
BERHAMPUR	I	I	M. Corp.	117,662	162,550	210,418	307,792	356598	404912
ROURKELA	I	I	M. Corp.	47,076	96,000	152,690	259,553	310976	284952
PURI	I	I	M	72,674	100,942	125,199	157,837	200564	245556
SAMBALPUR	I	I	M. Corp.	74,458	112,631	134,824	157,253	335761	210651
BALASORE	I	I	M	46,239	65,779	101,829	127,358	118162	110265
BARIPADA	I	I	M	28,725	52,989	69,240	100,651	109743	118393
BHADRAK	II	I	M	40,487	60,600	76,435	92,515	107463	122286

Table 2.11-1 Growth trends in Odisha Cities under AMRUT Mission

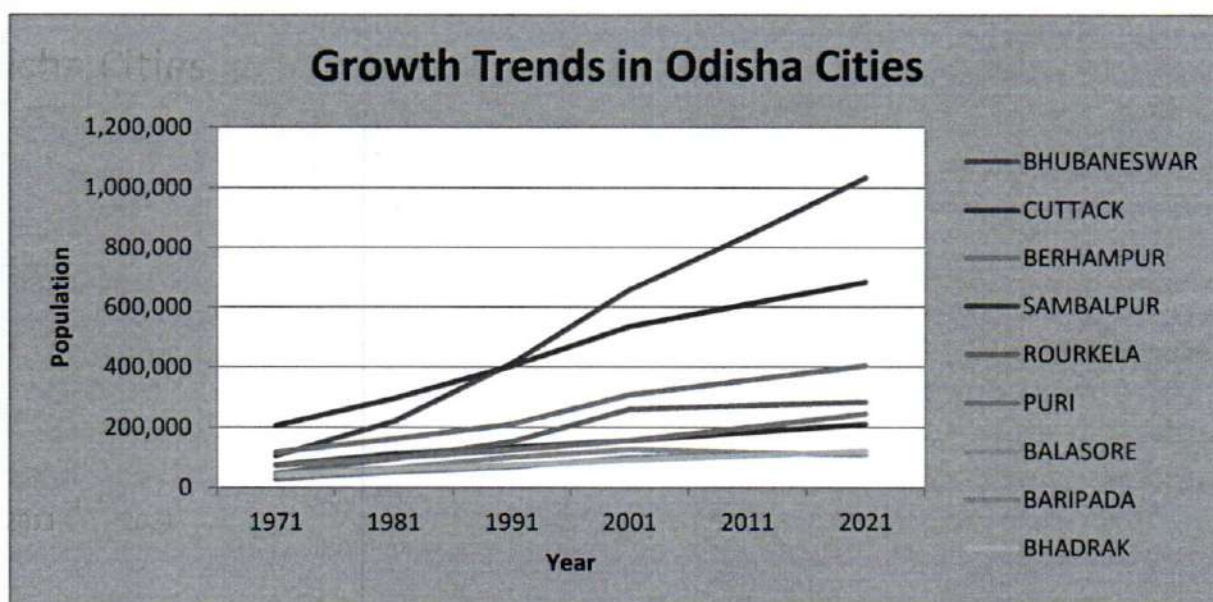


Chart 2.11-1 Growth trends in Odisha Cities under AMRUT Mission

By the year 2011, every city now covered under AMRUT are recognized as Class I cities. Among these, Bhubaneshwar, Cuttack, Sambalpur, Rourkela and Berhampur are Municipal Corporations and the rest all are Municipalities. The growth trends in the population have been tabulated below. The cities - Bhubaneshwar and Cuttack have the high population in comparison to the other cities.

## 2.12 Status Service Level Indicators

## Current Status for FY 2014-15

S. N.	Service/ Indicator	Benchmark	Balasore (M)	Bhadrak (M)	Berhampur (MC)	Bhubaneswar (MC)	Puri (M)	Rourkela (MC)	Sambalpur (MC)	Cuttack (MC)	Baripada(M)
<b>WATER SUPPLY</b>											
1	Coverage of Water Supply Connections (%)	100	59	7	52	35	26.86	36	30	58.04	38
2	Per capita supply of water at consumer end (LPCD)	135	107.25	45.25	134	248.07	148.38	137.14	195	136	108.45
3	Extent of metering of water connections (%)	100	0	0	0	1.41	0.01	0	0	0.05	0
4	Extent of non-revenue water (NRW) (%)	20	66	87	38	62.50	49.90	21.70	72	55.72	31
5	Continuity of Water Supply (Hours)	24	2	8	1	2.11	4	2.8	2.7	3.9	3.1
6	Quality of Water Supplied (%)	100	100	100	100	100	88.88	100	98	91.76	100
7	Efficiency in redressal of customer complaints (%)	80	88	80	94	98	97.22	92	88	100	75
8	Cost recovery in water supply services (%)	100	48	25	56	31.13	19.22	20	21	42.46	50
9	Efficiency in collection of water supply related charges (%)	90	55	81	46	97	43.17	60	55	83	42
<b>SEWAGE MANAGEMENT</b>											
1	Coverage of Toilets (%)	100	35	35	83	81.60	77.17	84	48.7	65	70
2	Coverage of Sewage Network Services (%)	100	0	0	0	24.40	13.50	4	0	4	0
3	Collection Efficiency of Sewage Network (%)	100	0	0	0	1.1	0	2	0	65	0

S. N.	Service/ Indicator	Benchmark	Balasore (M)	Bhadrak (M)	Berhampur (MC)	Bhubaneswar (MC)	Puri (M)	Rourkela (MC)	Sambalpur (MC)	Cuttack (MC)	Baripada(M)
4	Adequacy of Sewage Treatment Capacity (%)	100	0	0	0	1.1	0	0	0	65	0
5	Quality of Sewage Treatment (%)	100	0	0	0	80	0	0	0	100	0
6	Extent of Reuse and Recycling of Sewage (%)	20	0	0	0	0	0	0	0	0	0
7	Efficiency in Redressal of Customer Complaints (%)	80	0	0	90	98	45	60	0	100	0
8	Extent of Cost Recovery in Sewage Management (%)	100	0	0	0	34.90	4.90	0	0	50	0
9	Efficiency in Collection of Sewage Charges (%)	90	0	0	0	74	0	0	0	75	0
<b>STORM WATER DRAINAGE</b>											
1	Coverage of Storm Water Drainage Network (%)	100	23.48	10.52	42.56	45.3	33.67	81.70	24.20	58.70	29.47
2	Incidence of Water Logging/Flooding (Number)	0	6	12	4	8	6	2	1	7	1
<b>PARKS &amp; OPEN SPACES</b>											
1	Per person open space in plain areas as per URDPFI guidelines	10 -12 Sq. m	0.09 Sq. m	0.03 Sq. m	0.43 Sq. m	16 Sq. m	3 Sq. m	3.5 Sq. m	0.29 Sq. m	3.09 Sq. m	0.99 Sq. m

Chart 2.12-1 Status Service Level Indicators status as per FY 2014-15

## SECTION - 3. STATE ANNUAL ACTION PLAN (SAAP)

### 3.1 Introduction:

AMRUT adopts a project approach to ensure basic infrastructure services relating to water supply, sewerage, Septage management, storm water drainage, transport and development of green spaces & parks with special provision for meeting the needs of children. The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) specifically aims to:

- ✓ *ensure that every household has access to a tap with assured supply of water and a sewerage connection; increase the amenity value of cities by developing greenery and well maintained open spaces (e.g. parks); and reduce pollution by switching to public transport or constructing facilities for non-motorized transport (e.g. walking and cycling tracks).*

The Mission will be implemented in nine cities and towns of Odisha, i.e. Bhubaneswar, Cuttack, Berhampur, Sambalpur, Rourkela, Puri, Balasore, Baripada and Bhadrak. Implementation of the Mission will be linked to promotion of urban reforms such as e-governance, constitution of professional municipal cadre, devolving funds and functions to Urban Local Bodies, review of Building Bye-laws, improvement in assessment and collection of municipal taxes, credit rating of ULBs, energy and water audit and citizen-centric urban planning. 10 percent of budget allocation is being given to States as incentive based on achievement of reforms during the previous year.

Central assistance will be to the extent of 50 percent of project cost for cities and towns with a population of up to 10 lakh. Central assistance will be released in three instalments in the ratio of 20:40:40 based on achievement of milestones indicated in the State Annual Action Plans.

Funding of AMRUT projects to ULBs through the State are provided on the basis of proposals submitted in State Annual Action Plan (SAAP), which is an aggregate of City level Service Improvement Plan (SLIP) indicating year-wise improvement of municipal services for admissible components. SLIPs prepared by the ULBs serve as the building block for development of year-wise prioritised investment in SAAP to address gaps in service levels.

The State Annual Action Plan for the first year of the mission (FY 2015-16) adheres to the principle of moving toward universal coverage of water supply and sewerage /Septage management as a priority as mentioned in the Mission Statement and Guidelines circulated by the MoUD, Govt. of India.

Answers to the following questions are presented as part of the SAAP report presented by the Government of Odisha to MoUD, Gol:

#### **Has the State Government diagnosed service level gaps? (250 words)**

Yes, the State Govt. has diagnosed service level gaps for the State as per the information provided by respective ULBs and parastatal agencies under Service Level Benchmarking. The State Govt. has built on available data, information and plans on water supply, sewerage, storm water drainage, urban transport and other amenities, with the Mission cities. As per the Guideline, the Zone forms the basic unit to assess existing levels of coverage of water supply and sewerage. The number of households in a zone having water tap/sewerage connections have been collected from the service provider based on the consumer records maintained by them. These data were then compared against the Census of India data, 2011 data. Service level gaps at City level have been diagnosed and shown in the respective SLIP.

Following identification of gap, plans have been prepared to bridge the gap by using components set out in para 3 of AMRUT Guidelines under the heads of water supply and sewerage/Septage so as to attain universal coverage. All households in all zones of the nine mission cities are covered and this exercise has been done separately for water supply and sewerage as part of the SLIP. The

Government of Odisha aims at universalization of water supply and sewerage for all Mission Cities through AMRUT.

**Has the State planned for and financed capital expenditure? (350 words)**

Yes, the State has planned for and will finance capital expenditure for all AMRUT projects. The Government of India is contributing 50 percent of CAPEX (capital expenditure) of projects approved in AMRUT for towns with population of less than 10 lakh (all towns in Odisha are eligible for 50% support from Gol). The State Government shall provide the matching share of 50 percent for project capital expenditure (CAPEX) of all AMRUT projects. The Bhubaneswar water supply project is proposed to be taken up through PPP and State Government share by way of VGF (Viability Gap Funding) will predicate on the response to the PPP offering. Business-cum-Financial Plans are being developed by all ULBs including Bhubaneswar for improving 'own' revenue in order to meet O&M expenditure for all projects proposed under AMRUT. The state government in the recent past has taken proactive steps to enact property tax act and rules to improve the revenue stream of the ULBs. Also amendment of water works rules is under active consideration which will help in restructuring the water and sewerage tariffs. This will help the service providers to manage the O & M expenses (OPEX) and move towards financial sustainability. The state shall provide budgetary support fill up the financial gaps if any.

**Has the State moved towards achievement of universal coverage in water supply and sewerage/Septage? (350 words)**

Yes, State is moving towards universal coverage in water supply and sewerage/Septage. Odisha is among the national pioneers in developing a state vision and policy for public health infrastructure and in particular, urban water supply.

The state has developed and is actively implementing the **Odisha Urban Water Policy, 2013**, which envisions providing universal access to potable piped water supply on 24/7 basis at an affordable price and in an equitable, sustainable and eco-friendly manner with verifiable service level benchmarks for citizens in all urban areas of the State. Accordingly, the State has accorded priority to implementation of water supply projects in all urban areas of the state. The policy objectives are in sync with AMRUT objectives. As a part of the policy, PHEO (service provider) has undertaken a gap assessment for all the ULBs in water sector and prioritised the activities. The initiative by the state govt. to prioritise the water sector is evident from the fact that 18 water supply projects costing Rs. 573 crore were implemented as part of the Jawaharlal Nehru National Urban Renewal Mission (JnNURM) and Urban Infrastructure Development Scheme for Small and Medium Towns (UIDSSMT). This investment garnered 42.5 % of overall investment for water and 36.93% for sewerage totaling to 79.34% under JnNURM and UIDSSMT for the state, thus reinforcing state priority for water supply projects.

Through the AMRUT Mission, the State continues to accord priority to universal, affordable, equitable, 24/7 water supply to residents of all nine Mission Cities. The state also accords equally high priority to sewerage and Septage management. The state has accordingly assessed the gap in universal coverage of water supply and sewerage/Septage based on the inputs from the Mission Cities in their respective SLIPs. 33.2 % of HHs in the Mission Cities has access to in-house water supply, and 12.4% HHs have in-house toilet connected to UGD network. Thus, according to the SLB framework, 66.8% HHs and 87.6% HHs are in need of water and UGD connectivity. Through the projects identified in SLIP of ULBs covered under the programme, the gap shall be incrementally bridged in a phased manner. The State Government proposes to deploy a "Tap and Toilet Tracker" as part of the state-wide MIS aimed at ensuring identified gaps are addressed as per timelines committed to Gol and form part of 'open government' disclosure to citizens and stakeholders alike.

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? (300 words)

**The expected level of assistance is 50% grant from Gol.** As provided in the Mission guidelines, Gol shall provide 50% assistance for the mission cities having population up to 10 lacs and 1/3rd assistance for mission cities having population above 10 lacs. All Mission Cities in Odisha are thus eligible to receive 50% assistance from Gol. The balance 50% of the capital expenditure contribution shall be made by the State government.

Extensive analysis has been conducted on own revenue potential of ULBs/parastatal agencies and a decision has been taken that the state will bear the ULB contribution part as well. Be this as it may, ULB finance and own revenue streams are being augmented by increasing Holding Tax, for which amendment to the MC and Municipalities Acts has been passed recently in the Legislative Assembly and detailed Finance Improvement Plans are being prepared. Experience suggests OPEX requirements range from 1-2% of CAPEX every year. The revenue enhancement thus accruing to ULBs from enhanced revenue through increase in Holding Tax and levy of user charges/fee/taxes as recommended in the Finance Improvement Plans shall enable the ULB to take up other developmental works.

How fairly and equitably have the needs of the ULBs been given due consideration? (300 words)

Yes, the State Government has been fair and has allocated funds equitably. The Musgravian principles of Government mandate three responsibilities across governments: federal, state, and local. While stabilisation and redistribution functions are traditionally undertaken by the national government, allocation is done at the state/local level. In the instance of AMRUT, the state has prioritised based on the following four criteria laid down by Government of India:

- Existing Service Level Gaps,
- Proportion of urban poor in city population,
- Local Fiscal Capacity, and
- Potential Smart Cities.

SLIPs submitted by the ULBs have been prepared after incorporating suggestions received from different stakeholders in consultation meetings held in presence of elected representatives. As AMRUT focuses on attainment of universal coverage of water supply and sewerage, priority is given to these two sectors across all nine ULBs. Following implementation of AMRUT projects, the gap in universal access to water supply and underground network as identified in Census of India, 2011, will be addressed.

Have adequate consultations with all stakeholders been done, including citizens, local MPs and other public representatives? (350 words)

Yes, adequate consultations with all stakeholders i.e. MPs, MLAs, Chairperson of ULBs, Ward Councilors, resident associations, and representative from various departments/parastatal (PH Wing, OWSSB, WR Dept., DTP, etc.) have been made on various platforms at city level & State Level. Valuable suggestions/views given by stake holders have been incorporated during preparation & finalization of SLIP. Two day handholding workshop was organized in presence of MoUD officials and stakeholders in September, 2015, at Bhubaneswar where need assessment, SLIP formation etc. were discussed in detail. After the Stakeholder workshop, city managers/engineers were advised to discuss SLIP in Stakeholder meeting in presence of public representatives. After completing entire exercise, SLIPs prepared by city ULBs/ parastatal agencies were examined in three phases on 15.09.2015 (Balasore, Baripada, and Bhadrak), 19.09.2015

(Sambalpur, Rourkela, and Puri), and 23.09.2015 (Bhubaneswar, Cuttack, and Puri) at Bhubaneswar. The draft SAAP has been presented with all the elected representatives including MPs, MLAs, Chairpersons/Mayors and the feedbacks have given due weightage while finalizing the SAAP, Both, Slips and SAAP have been finalized only after extensive consultations.



Figure 3.1-2 SAAP Consultation with MPs and Public Representatives



Figure 2 Figure 1 SAAP Consultation with MPs and Public Representatives



Figure 3.1-1 SAAP Consultation with MPs and Public Representatives



Figure 4 Presentation of SAAP for MPs and Public Representatives of respective cities

Important steps followed for preparation of SAAP are mentioned below.

### 3.2 Principles of Prioritization

The State has identified projects based on gap analysis, financial strength of ULBs and has prioritized to address the gaps in Water Supply and Sewerage sectors. While prioritizing projects, universal coverage of water supply and sewerage has been given top priority. In all the towns, water supply and sewerage service levels are low; in all these towns, both water supply and sewerage projects are considered separately and simultaneously. Answers to the following questions, in words, 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. (250 words)**

Yes, Local MPs/MLAs, Mayors and Commissioners of the concerned ULBs have been consulted prior to allocation of funds to different sectors. The allocation of funds provided in the SAAP is based on discussions held with residents, MPs/MLAs, Mayors and Commissioners. A series of consultation over a period of two months has been under taken with ULBs/Parastatal agencies and elected representatives/officials. Apart from discussions at State level with Mission Directorate at the HUD Department, discussions were conducted with stakeholders in presence of MoUD representatives during the workshop.

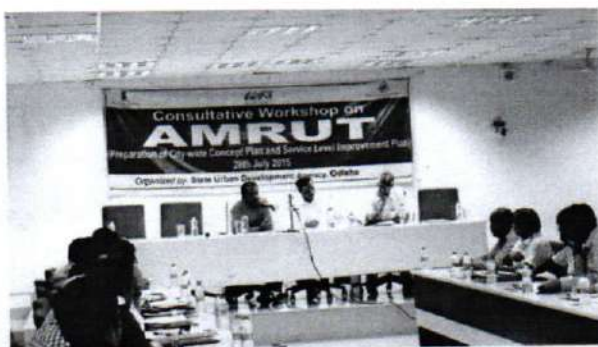


Figure 1 State-level Consultative Workshop on AMRUT



Figure 2 State-level Consultative Workshop on AMRUT



**Has financially weaker ULBs given priority for financing? If yes, how?(200 words)**

Yes, ULBs having poor financial positions have been given priority for allocation of funds. A large share of ULB funds ranging from 50-90% of total revenue is accrued by way of Government grants, compensation, transfers, etc. ULBs covered under the Mission such as Balasore have 'own' revenue of less than Rs. 10 crore per annum (Rs. 1,000 per capita per annum). ULBs with weak revenue streams and others which have discernible service level gaps in Water Supply and Sewerage have been prioritised for funding under the Mission.

**Is the ULB with a high proportion of urban poor has received higher share? If yes, how? (250 words)**

Yes, ULBs having high proportion of urban poor have been given due consideration while prioritising cities for fund allocation.

**Has the potential Smart cities been given preference? Please give details.(150 words)**

Yes. Two cities namely Bhubaneswar and Rourkela have been selected in Smart Cities Mission for preparation of smart city proposals. While preparing SLIP, this has been duly considered and infrastructure gaps in Smart Cities have been taken on priority under the Mission.

**How many times projects are proposed in SAAP of the Central Assistance (CA) allocated to the State during 2015-16? (100 words)**

State has proposed projects amounting close to 3 times the Central Assistance allocated for the financial year 2015-16.

**Is the allocation to different ULBs within State consistent with the urban profile of the state? How? (250 words)**

Yes. Odisha exhibits low level of urbanization (16.68 percent) among the large states in the country. As the nine Mission Cities are the most populated towns and cities in the state, they together comprise 48% of urban population in Odisha. The state has prioritised attainment of universal coverage of urban water supply and sewerage and has therefore allocated funds to meet infrastructure needs of mission cities, including large cities such as Bhubaneswar (population of 8.5 lakh), Cuttack (population of 6.1 lakh), medium sized towns such as Puri (2.0 lakh), Berhampur (3.5 lakh), and relatively smaller towns such as Baripada (1.09 lakh), and Balasore (1.18 lakh).

### **3.3 Importance of O&M**

ULBs and parastatal agencies have traditionally not paid as much attention to operation and maintenance of infrastructure as they have to asset creation. Information, in words, has been indicated against each question regarding importance given to O&M by the State of Odisha:

**Do projects proposed in the SAAP include O&M for at least five years? (100 words)**

Yes, projects proposed in the SAAP includes O&M for 5 years but has not been considered for financial structuring. O&M shall be integral part of the execution contract so that the EPC agency/contractor who develops the assets shall be responsible for post asset creation O&M for 5 years. The O&M cost for Water Supply shall be borne by the PHEO which is provided with budgetary support for both CAPEX and OPEX. Similar arrangement will be undertaken for Sewerage projects through OWSSB (Odisha Water Supply and Sewerage Board). The user fees collect from the consumers are deposited with the Govt. treasury. Thus, contribution to O&M of water supply and sewerage projects is assured. For parks and NMT facilities, O&M shall be undertaken by the ULBs, whose revenue streams are being enhanced by increasing Holding Tax rates. As well, comprehensive finance improvement plans are being undertaken for all AMRUT towns.

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

For the sectors of Water Supply and Sewerage, PHEO and OWSSB respectively undertake capital and O&M expenditure because of capacity constraints in ULBs. User fees are levied from consumers for water and sewerage services which gets deposited with the Govt. treasury and in return the Govt. provides dedicated budgetary support to the service provider for undertaking O & M. However, the state is gradually moving towards a corporatized model of operations in the water and sewerage sector though formation of WATCOs in a phased manner. As a pilot formation of one water corporation has been initiated to manage the Bhubaneswar water supply service. This will enable the service provider to structure the tariff rationally, improve service levels and attain sustainability. Simultaneously the state Govt. is actively considering amendment of water works rule which will enable the service provider to improve the cost recovery.

For the other sectors, i.e. Storm Water Drains, Parks, and NMT facilities as part of Urban Transport, ULBs shall undertake CAPEX and APEX functions. O&M expenditure for these asset classes will be undertaken by budgetary allocation from ULB own revenue, which is being enhanced by way of approved revision to Holding Tax (Property Tax).

**Is it by way of levy of user charges or other revenue streams? Please give details. (100 words)**

Yes, user charges are being levied from the consumers for water and sewerage services which get deposited in the Govt. treasury. The service provider is provided with funds for O & M through budgetary support. O&M expenditure for other sectors will be undertaken by budgetary allocation from ULB own revenue, which is being enhanced by way of approved revision to Holding Tax (Property Tax).

**Has O&M cost been excluded from project cost for the purpose of funding? (100 words)**

Yes, O&M cost has been excluded from project cost for the purpose of funding.

**What kind of model been proposed by States/ULBs to fund the O&M? Please discuss. (250 words)**

Currently O & M is funded through a combination of user fees and state Govt. subsidy. However, a business plan is being worked out to gradually transit to a self-sustainable model in a time bound manner. Till that time the state will continue provide budgetary support fill in the gap. Plans are underway to corporatize the PHEO and place their services under the direct control of the ULB with clearly laid down SLAs (Service Level Agreements).

O&M expenditure for sectors will be undertaken by budgetary allocation from ULB own revenue, which is being enhanced by way of approved revision to Holding Tax (Property Tax)

**Is it through an appropriate cost recovery mechanism in order to make them self-reliant and cost-effective? How? (250 words)**

Since the formulation of the policy the Govt. has been attaching adequate importance to cost recovery and collection efficiency targets. The service providers are taking steps to optimise expenditure, increase consumer base and rationalise tariff structure so as to move towards 100% cost recovery and make the service self-reliant. Also the state proposes enhance revenue through increase in Holding Tax to sustain the services provided by the ULBs. However user charges may not be sufficient to recover entire O&M cost, for which innovative proposals like reuse of treated waste, reduction in NRW and other losses have been considered.

### **3.4 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? (200 words)**

The Government of India is contributing 50 percent of CAPEX (capital expenditure) of projects approved in AMRUT for towns with population of less than 10 lakh (all towns in Odisha are eligible for 50% support from Gol). Considering weak financial strength of the ULBs, the State Government shall provide the remaining 50 percent matching share for project capital expenditure (CAPEX) of all AMRUT projects. In the case of Bhubaneswar water supply project is proposed through PPP mode and State Government share by way of VGF (Viability Gap Funding) will predicate on the response to the PPP offering. Possibility of ULB contribution to selected projects will also be explored.

**Has any other sources identified by the State/ULB (e.g. PPP, market borrowing)? Please discuss. (250 words)**

Yes. Alternate sources shall definitely be identified. For instance, for larger and viable projects such as Bhubaneswar water supply, the PPP route is being explored. Owing to weak financial position of other ULBs which lack adequate resources, it is imperative that the State Government provide matching share to all AMRUT projects.

**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) (150 words)**

Yes, State agrees to provide at least 20% share for all AMRUT projects.

**Whether complete project cost is linked with revenue sources in SAAP? How? (250 words)**

**Yes.** All the projects taken up under the current year SAAP have identified source of funds for the complete project. The Government of India is contributing 50 percent of CAPEX (capital expenditure) of projects approved in AMRUT for towns with population of less than 10 lakh (all towns in Odisha are eligible for 50% support from Gol). The State Government shall provide the remaining 50% matching share for project capital expenditure (CAPEX) of all AMRUT projects. In the case of Bhubaneswar water supply PPP model is being envisaged.

**Has projects been dovetailed with other sectoral and financial programme of the Centre and State Governments? (250 words)**

**Yes,** all possible dovetailing/convergence of ongoing/sanctioned projects under PMAY, Smart City, Swachh Bharat, State and local schemes, etc. have been given due consideration during preparation of the SLIPs of the ULBs.

**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. (100 words)**

**Yes,** the State Government is a national pioneer in creation of financial intermediary for urban development. The intermediary fund, OUIDF (Odisha Urban Infrastructure Development Fund), has been created for supporting urban infrastructure. The Fund (OUIDF) is mandated with the responsibility of providing funds for ULBs for VGF from various sources including FIs (Financial Institutions) and the market through issue of bonds. More specifically, OUIDF has been set-up as a wholly owned Trust of Govt. of Odisha in H&UD Deptt. to provide financial assistance to Urban Local Bodies, Statutory Bodies to be undertaken particularly by the Urban Local Bodies (ULB), Development Authorities and other Statutory Bodies including Public Sector Undertakings and Private Investors for setting up infrastructure projects having positive environmental impact, as well as to attract Inter alia, investment, professional advice from Institutions for financing Infrastructure Projects. SUDA is yet another intermediary which manages funds for various state and central schemes.

**Has States/UTs explored the possibility of using Public Private Partnerships (PPP), as a preferred execution model? Please discuss.(300 words)**

Yes. PPP option shall be actively considered during DPR preparation. As a proactive initiative to explore PPP for Bhubaneswar water supply, IFC has been appointed as the transaction advisor. All the assets created will be under Operation and maintenance of 5 years period for which provision will be made explicitly in the bidding document. The work shall be awarded to the lowest bidder who will have to be maintain and operate the created asset, for which O& M charges shall be borne by the PH/OWSSB/ULBs. For example, treated sewerage effluent could be auctioned/sold for agriculture/industrial use as per the local demand. Proposal for reuse of treated effluent shall be prepared at the time of DPR preparation.

**Are PPP options included appropriate Service Level Agreements (SLAs) which may lead to the People Public Private Partnership (PPPP) model? How? (300 words)**

Yes. All PPP projects shall include SLA. In fact, SLA using SLB framework is already in practice between ULB and PHEO through a MoU, which is being reviewed by the ULB quarterly and renewed annually. The state has gone a step further to make public discloser of the service levels, by PHEO mandatory. While preparing DPR focus will not only be on asset creation but on actual service delivery. Payment linkage to Performance based output shall be attempted with the objective of achieving desired service levels. For all PPP Projects including Water Supply projects envisaged in Bhubaneswar, the ULB shall enter into SLA (Service Level Agreement) with the private sector partner, thus ensuring progress from mere PPPs to People centric PPPs.

**SECTION - 4. STATE ANNUAL ACTION PLAN (SAAP) FOR FY 2015-16**

**TABLES**

**Table 1.1: Breakup of Total MoUD Allocation in AMRUT**

Amount in Rs. Cr

1. Total Central funds allocated to State	2. Allocation of Central funds for A&OE (@ 8% of Total given in column 1)	3. Allocation of funds for AMRUT (Central share)	4. Multiply col. 3 by x3) for AMRUT on col. 4 (project proposal to be three- times the annual allocation - CA)	5. Add equal (col. 4) State/ULB share	6.Total AMRUT annual size (cols.2+4+5)
83.11	7.06	76.05	228.14	228.14	463.34

**Table 1.2.1: Abstract-Sector Wise Proposed Total Project Fund and Sharing Pattern**

Amount in Rs. Cr.

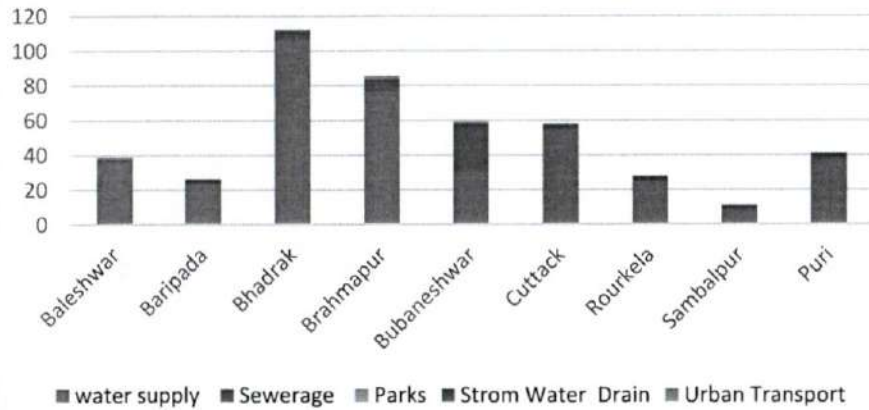
Sl. No	Sector	No. of Projects	Centre	State	ULB	Convergence	Others	Total
1	Water Supply	147	1,075.71	1,075.71	-	-	-	2,151.42
2	Sewerage and Septage Management	51	1,927.95	1,927.95	-	-	-	3,855.90
3	Drainage	51	1,822.87	1,822.87	-	-	-	3,645.74
4	Urban Transport	73	259.00	259.00	-	-	-	518.00
5	Others	204	27.33	27.33	-	-	-	54.66
<b>Grand Total</b>		<b>526</b>	<b>5,112.86</b>	<b>5,112.86</b>	-	-	-	<b>10,225.72</b>

**Table 1.2.2: Abstract-Break-up of Total Fund Sharing Pattern**

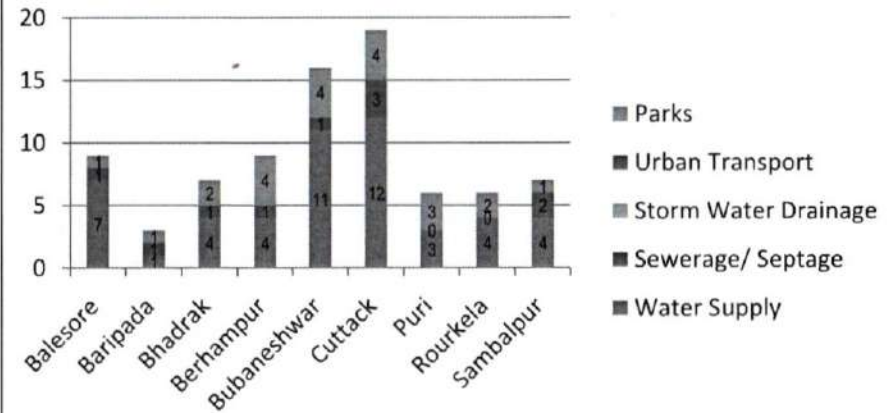
Amount in Rs. Cr.

Sl. No.	Sector	Centre			State			ULB			Convergence	Others	Total
		Mission	14th FC	Others	Total	14th FC	Others	Total					
1	Water Supply	199.69		199.69	199.69							399.38	
2	Sewerage and Septage Management	26.43		26.43	26.43							52.86	
3	Drainage	-		-	-							-	
4	Urban Transport	-		-	-							-	
5	Others	4.53		4.53	4.53							9.06	
<b>Grand Total</b>		<b>230.65</b>		<b>230.65</b>	<b>230.65</b>							<b>461.30</b>	

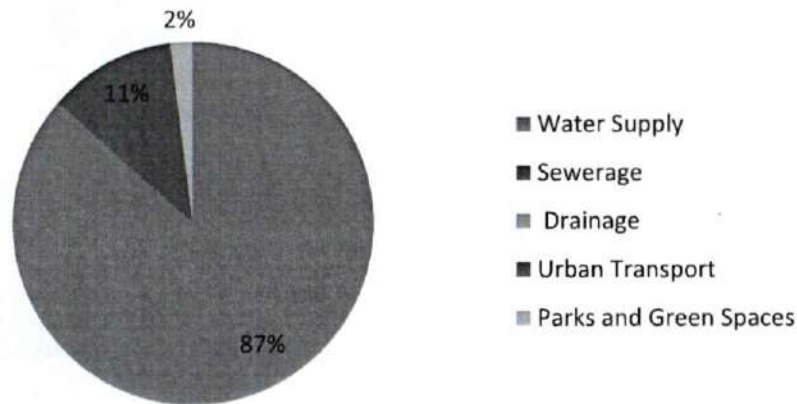
**City Wise Annual allocation of Funds for 2015-16**



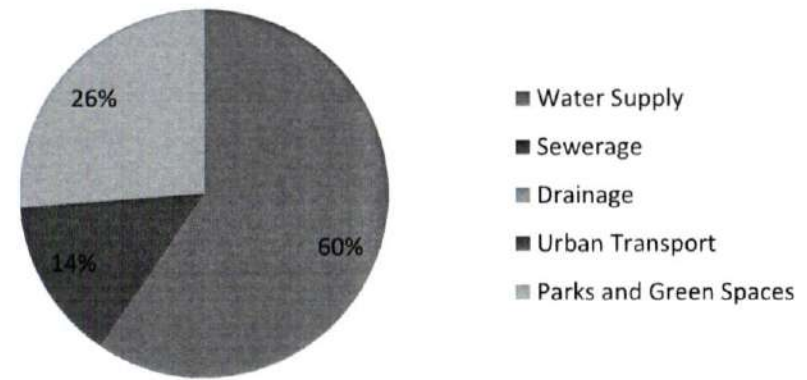
**City and Sector wise No. of Projects Included in the SAAP 2015-16**



**SAAP 2015\_16 Sector wise based on "Project Cost"**



**SAAP 2015\_16 Sector wise based on "No of Projects"**



**Table 3.1: SAAP –Master Plan of all projects to achieve universal coverage during the current Mission period based on Table 2.1 (FYs 2015-16 to 2019-20)**

Amount in Rs. Cr.

Sl.no	Name of ULB (water supply and sewerage)	Total number of projects to achieve universal coverage			Estimated Cost (in Cr. Rs.)			Number of years to achieve universal coverage	
		water supply	sewerage	Total	water supply	sewerage	Total	water supply	sewerage
1	Balasore	15	5	20	168.44	566.24	734.68	5	5
2	Baripada	6	7	13	64.89	437.84	502.73	4	5
3	Bhadrak	37	7	44	614.53	532.28	1146.81	5	5
4	Berhampur	43	4	47	382.00	146.59	528.59	4	5
5	Bhubaneswar	26	8	34	374.53	746.04	1120.57	5	5
6	Cuttack	5	7	12	386.37	605.17	991.54	5	5
7	Rourkela	6	3	9	44.54	308.4	352.94	4	5
8	Sambalpur	1	5	6	8.96	291.43	300.39	4	5
9	Puri	8	5	13	107.16	221.91	329.07	4	5



**Table 3.2.a SAAP - Sector Wise Breakup of Consolidated Investments for all ULBs in the State - Total Project cost to achieve benchmark Service level Master Plan**

Amount in Rs. Cr.

Name of City	Water Supply	Sewerage and Septage Management	Drainage	Urban Transport	Others	Reforms	Total
Balasore	168.44	566.24	368.83	57	4.25		1164.76
Baripada	64.89	437.84	428.09	130.3	11.61		1072.73
Bhadrak	614.53	532.28	803.65	125.7	5.97		2082.13
Berhampur	382.00	146.59	421.75	43	6.81		1000.15
Bhubaneswar	374.53	746.04	664.93	23.6	2.91		1812.01
Cuttack	386.37	605.17	246.86	24.15	6.78		1269.33
Rourkela	44.54	308.4	215.78	24.45	2.32		595.49
Sambalpur	8.96	291.43	218.58	59	12.03		590.00
Puri	107.16	221.91	277.26	30.8	1.98		639.11
<b>Total Project Investments</b>	<b>2151.42</b>	<b>3855.9</b>	<b>3645.73</b>	<b>518</b>	<b>54.66</b>		<b>10225.72</b>
<b>A&amp;OE</b>							<b>818.06</b>
<b>Grand Total</b>							<b>11043.76</b>

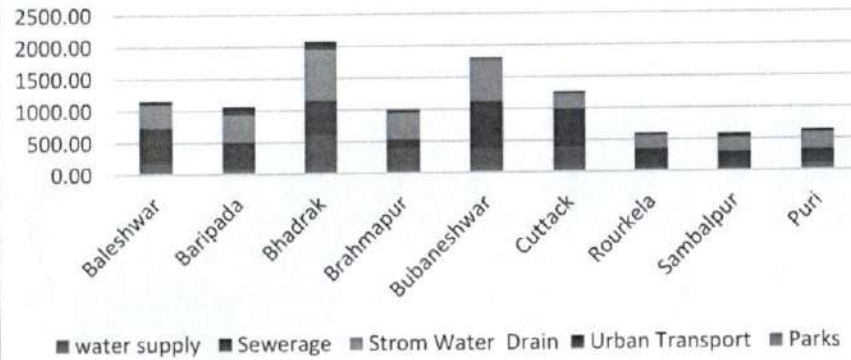
**Total No of Projects: 526**

**Total Amount for Master Plan: Rs 10,225.72 Cr**

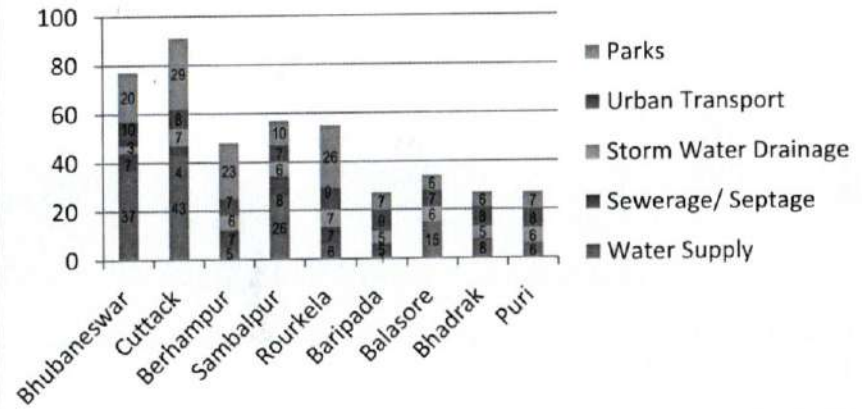
**Total A&OE @ 8% - Rs. 818.05 Cr**

**Total Outlay – Rs. 11,043.76 Cr**

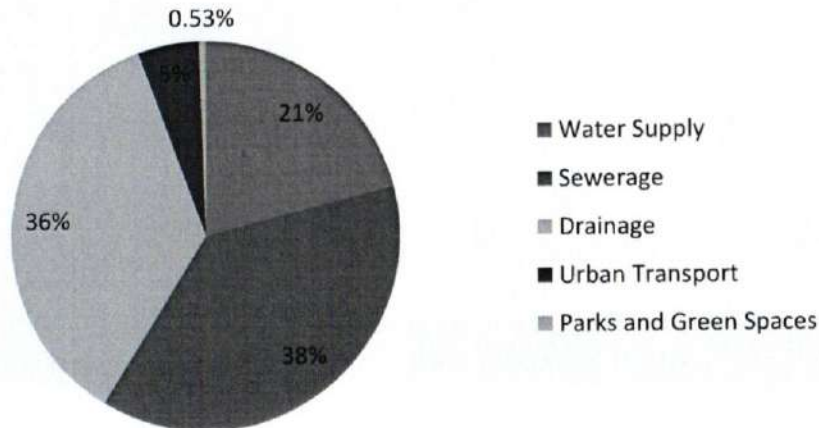
**City Wise Annual allocation of Funds in the Master Plan**



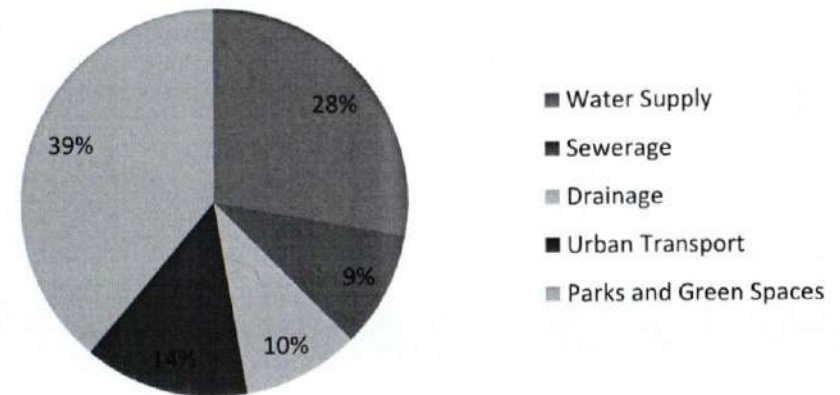
**City and Sector wise No. of Projects Included in Master Plan**



**SLIP - Sector wise based on "Project cost"**



**SLIP - Sector wise based on "No. of Projects"**



**Table 3.2.b SAAP - Sector Wise Breakup of Consolidated Investments for all ULBs in the State - Projects include for 2015-16 SAAP i.e., 3 times the annual allocation**

Amount in Rs. Cr.

Name of City	Water Supply	Sewerage and Septage Management	Drainage	Urban Transport	Others	Total
Balasore	36.92	0.89	-	-	1.20	39.01
Rourkela	23.34	2.46	-	-	0.65	26.45
Bhubaneswar	106.12	4.95	-	-	1.41	112.48
Cuttack	76.42	7.17	-	-	2.03	85.62
Sambalpur	30.64	27.37	-	-	1.35	59.36
Berhampur	54.74	2.38	-	-	0.97	58.09
Puri	24.90	2.46	-	-	0.66	28.02
Baripada	8.96	1.83	-	-	0.15	10.94
Bhadrak	37.33	3.35	-	-	0.64	41.32
<b>Total Project Investments</b>	<b>399.38</b>	<b>52.86</b>	<b>-</b>	<b>-</b>	<b>9.06</b>	<b>461.30</b>
<b>A&amp;OE</b>						<b>31.72</b>
<b>Grand Total</b>						<b>493.02</b>

Table 3.3: SAAP - ULB Wise Source of Funds for All Sectors

Amount in Rs. Cr.

Sl.No.	Name of City	Centre	State			ULB *			Convergence *	Others *	Total
			14th FC	Others	Total	14th FC	Others	Total			
1	Balasore	19.51		19.51	19.51						39.01
2	Baripada	13.23		13.23	13.23						26.45
3	Bhadrak	56.24		56.24	56.24						112.48
4	Berhampur	42.81		42.81	42.81						85.62
5	Bhubaneswar	29.68		29.68	29.68						59.36
6	Cuttack	29.05		29.05	29.05						58.09
7	Rourkela	14.01		14.01	14.01						28.02
8	Sambalpur	5.47		5.47	5.47						10.94
9	Puri	20.66		20.66	20.66						41.32
<b>Grand Total</b>		<b>230.65</b>		<b>230.65</b>	<b>230.65</b>						<b>461.30</b>

\* Note: Out of state share of funds, the percentage of share to be obtained from ULB funds or from convergence from other source will be determined at the time of approval of DPR by SHPC.

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

Amount in Rs. Cr.

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		
			14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total		14th FC	Others	Total	14th FC	Others	Total
Balasore	39.01							6.50		6.50	6.50				13.00		13.00	13.00				
Baripada	10.94							1.82		1.82	1.82				3.65		3.65	3.65				
Bhadrak	41.32							6.89		6.89	6.89				13.77		13.77	13.77				
Berhampur	58.09							9.68		9.68	9.68				19.36		19.36	19.36				
Bhubaneswar	112.48							18.75		18.75	18.75				37.49		37.49	37.49				
Cuttack	85.62							14.27		14.27	14.27				28.54		28.54	28.54				
Rourkela	26.45							4.41		4.41	4.41				8.82		8.82	8.82				
Sambalpur	59.36							9.89		9.89	9.89				19.79		19.79	19.79				
Puri	28.02							4.67		4.67	4.67				9.34		9.34	9.34				
<b>Total</b>	<b>461.30</b>							<b>76.88</b>		<b>76.88</b>	<b>76.88</b>				<b>153.77</b>		<b>153.77</b>	<b>153.77</b>				

**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 2018	FY 2019	FY 2020
				H1	H2				
<b>Water Supply</b>									
		1. Household level coverage of direct water supply connections	33.2	33.2	35	40	50	80	100
		2. Per capita quantum of water supplied	170.9	170.9	165	160	140	135	135
		3. Quality of water supplied	100%,C	100%,C	100%,B	100%,A	100%,A	100%,A	100%,A
<b>Sewerage and Septage Management</b>									
		4. Coverage of latrines (individual or community)	78.10%	80%	85%	95%	100%	100%	100%
		5. Coverage of sewerage network services	12.30%	12.30%	12.30%	12.30%	20%	20%	100%
		6. Efficiency of Collection of Sewerage	0%	0%	0%	0%	50%	50%	100%
		7. Efficiency in treatment	0%	0%	0%	0%	50%	50%	100%
<b>Drainage</b>									
		8. Coverage of storm water drainage network	48.30%	48.30%	50%	56%	73%	81%	100%
<b>Urban Transport</b>									
		9. Service coverage of urban transport in the city	0.4%	0.0%	0.0%	0.5%	0.8%	1.0%	1.5%
		10. Availability of urban transport per 1000 population	7.5%	0.0%	0.0%	9.0%	11.0%	13.0%	15.0%
<b>Others</b>									

**Table 3.6: SAAP – State Level Plan of Action for Physical and Financial Progress****Sector: Water Supply****Amount in Rs. Cr.**

Name of the City	Performance Indicators	Baseline as of Date 31st March, 2015	Mission Target	For the FY 2015-16			
				For Half Year 1		For Half Year 2	
				Physical Progress to be achieved	Funds to be utilised	Physical Progress to be achieved	Funds to be utilised
Balasore	HH level Coverage of direct supply connections	59%	100%	-	-	35.80%	13.21
	Per capita Quantum of water supplied	107	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Baripada	HH level Coverage of direct supply connections	28%	100%	-	-	20.00%	1.79
	Per capita Quantum of water supplied	108.5	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Bhadrak	HH level Coverage of direct supply connections	7.20%	100%	-	-	8.20%	3.06
	Per capita Quantum of water supplied	45.25	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Berhampur	HH level Coverage of direct supply connections	39%	100%	-	-	50.00%	27.37
	Per capita Quantum of water supplied	134	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Bhubaneswar	HH level Coverage of direct supply connections	35%	100%	-	-	9.10%	9.64
	Per capita Quantum of water supplied	248	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Cuttack	HH level Coverage of direct supply connections	57.30%	100%	-	-	38.21%	38.21
	Per capita Quantum of water supplied	136	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Rourkela	HH level Coverage of direct supply connections	36%	100%	-	-	45.30%	10.57
	Per capita Quantum of water supplied	137	135	-	-		
	Quality of Water Supplied	100%	100%	-	-		
Sambalpur	HH level Coverage of direct supply connections	30.00%	100%	-	-	58.00%	17.76
	Per capita Quantum of water supplied	185.6	135	-	-		
	Quality of Water Supplied	98%	100%	-	-		
Puri	HH level Coverage of direct supply connections	31.70%	100%	-	-	22.00%	5.47
	Per capita Quantum of water supplied	148.38	135	-	-		
	Quality of Water Supplied	88.90%	100%	-	-		
<b>Sub Total</b>							<b>127.08</b>

## Sector: Sewerage and Septage Management

Amount in Rs. Cr.

Name of the City	Performance Indicators	Baseline as of Date 31st March, 2015	Mission Target	For the FY 2015-16			
				For Half Year 1		For Half Year 2	
				Physical Progress to be achieved	Funds to be utilised	Physical Progress to be achieved	Funds to be utilised
Balasore	Coverage of Latrines	81%	100%	-	-	50.00%	0.445
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Baripada	Coverage of Latrines	73%	100%	-	-	50.00%	0.915
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Bhadrak	Coverage of Latrines	62%	100%	-	-	50.00%	1.675
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Berhampur	Coverage of Latrines	86%	100%	-	-	50.00%	1.19
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Bhubaneswar	Coverage of Latrines	80%	100%	-	-	50.00%	2.475
	Coverage of Sewerage and Network Services	33%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Cutack	Coverage of Latrines	84%	100%	-	-	50.00%	3.585
	Coverage of Sewerage and Network Services	15%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Rourkela	Coverage of Latrines	70%	100%	-	-	50.00%	1.23
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Sambalpur	Coverage of Latrines	66%	100%	-	-	17.80%	4.885
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
Puri	Coverage of Latrines	82%	100%	-	-	50.00%	1.23
	Coverage of Sewerage and Network Services	0%	100%	-	-		
	Efficiency of Collection	0%	100%	-	-		
	Efficiency in Treatment	0%	100%	-	-		
<b>Sub Total</b>							<b>17.63</b>



## Sector: Parks and Playgrounds

Name of the City	Performance Indicators	Baseline as of Date 31st March, 2015	Mission Target	For the FY 2015-16			
				For Half Year 1		For Half Year 2	
				Physical Progress to be achieved	Funds to be utilised	Physical Progress to be achieved	Funds to be utilised
Balasore	Coverage of Green space Sq. M per Person	0.09		-	-	33.33%	1.20
Baripada	Coverage of Green space Sq. M per Person	0.99		-	-	33.33%	0.15
Bhadrak	Coverage of Green space Sq. M per Person	0.03		-	-	33.33%	0.64
Berhampur	Coverage of Green space Sq. M per Person	0.43		-	-	33.33%	0.97
Bhubaneswar	Coverage of Green space Sq. M per Person	16		-	-	33.33%	1.41
Cuttack	Coverage of Green space Sq. M per Person	3.09		-	-	33.33%	2.03
Rourkela	Coverage of Green space Sq. M per Person	3.5		-	-	33.33%	0.65
Sambalpur	Coverage of Green space Sq. M per Person	0.29		-	-	33.33%	1.35
Puri	Coverage of Green space Sq. M per Person	3		-	-	33.33%	0.66
<b>Sub Total</b>							<b>9.06</b>

**Table 4: SAAP - Broad Proposed Allocation for Administrative and Other Expenses**

Amount in Rs. Cr.

Sl. No	Items proposed for A&OE	Total Allocation	Committed Expenditure from previous year (if any)	Proposed spending for Current Financial year (2015-16)	Balance to Carry Forward				
					FY 2017	FY 2018	FY 2019	FY2020	
1	Preparation of SLIP and SAAP	7.06*	-	0.85	-	-	-	-	
2	PDMC ( SAAP period of 3 Years)		-	27.66	-	-	-	-	
3	Procuring Third Party Independent Review and Monitoring Agency		-	0.80	-	-	-	-	
4	Publications (E-Newsletter, guidelines, brochures, etc.)		-	0.10	-	-	-	-	
5	Capacity Building and Training - CCBP, if applicable - Others		12.68**	8.54	0.44	-	-	-	-
6	Reform implementation		-	-	1.47	-	-	-	-
7	Others		-	-	-	-	-	-	-
	<b>Total</b>	<b>19.74</b>	<b>8.54</b>	<b>31.32***</b>	-	-	-	-	

\* Rs. 7.06 cr. has been allocated towards A & OE for FY 2015-16 under AMRUT.

\*\* Rs. 12.68 Cr. has been released earlier under CCBP towards 1<sup>st</sup> instalment out of which Rs. 8.54 cr. is the committed expenditure.

\*\*\* Rs. 11.58 Cr. is required from the State Govt. to meet the balance.

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

Sl. 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	Out of 9 AMRUT ULBs, 5 ULBs already have own websites through all AMRUT ULBs are covered under state e-municipality project and have separate web portals in that project	Rest 4 ULBs will have their own websites by Mar 2016.
		2. Publication of e-newsletter, Digital India Initiatives. (9 AMRUT ULBs)	6 months	Out of 9 AMRUT ULBs, 5 ULBs have already published e-news letters	Rest 4 ULBs will have their e-newsletters by Mar 2016.
				The state government funded project "e-Municipality" has been operational in 44 ULBs of the state, which is a multi-purpose (citizen service, revenue collection, MIS etc.) state wide application. Many components of 'Digital India' like Digital Signature, SMS, e-Mail; Issue of Bar Coded Certificates etc. are the major features. Hand held device integration for collection of holding/property tax in Bhubaneswar is a major achievement. In all the AMRUT ULBs the e-Municipality project is operational.	AMRUT ULBs will make efforts to dovetail more components of e-Municipality with Digital India initiative like mobile apps services for various e-services.
				Out of total 11 modules under e-Municipality, 3 modules: (i) Birth & Death Registration & Issue of Certificate; (ii) Issue of Trade License, and (iii) Double Entry Accounting & Audit have been made fully functional through e-Municipality.	More modules to be made fully functional through project e-Municipality. More Common Service Centres to be made operational at the ULB level.
3. Support Digital India (ducting to be done on PPP mode or by the ULB itself).	6 months	All the ULBs have their own broadband connections.	All AMRUT ULBs will ensure faster connectivity through High Speed Internet.		

## STATE ANNUAL ACTION PLAN - ODISHA

Sl. No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP	
				April to Sep, 2015	Oct, 2015 to Mar, 2016
2	Constitution and professionalization of municipal cadre	1. Policy for engagement of interns in ULBs and implementation.	12 months	Constitution of Municipal Cadre is in final stage; State Cabinet has approved; FD has approved the cadre strength – 3345; also vetted by the GA and Law Departments.	Policy for engagement of interns in ULBs shall be formulated and implemented.  Notification of a dedicated Municipal Cadre shall be completed by Mar 2016.
3	Augmenting double entry accounting	1. Complete migration to double entry accounting system and obtaining an audit certificate to the effect from FY 2012-13 onwards.	12 months	Complete migration to double entry accounting system accomplished in all ULBs since FY 2012-13.	Audit Certificate from FY 2012-13 to FY 2014-15 shall be obtained by Mar 2016.
		2. Publication of annual financial statement on website.	Every Year	Publication of Annual Financial Statement already accomplished by 5 ULBs	Rest 4 ULBs will publish their Annual Financial Statement on websites by Mar 2016.
4	Urban Planning and City Development Plans	1. Preparation of Service Level Improvement Plans (SLIP), State Annual Action Plans (SAAP).	6 months	Prepared, approved by the SHPSC and submitted for approval of the APEX Committee, MoUD.	
		2. Make action plan to progressively increase Green cover in cities to 15% in 5 years.	6 months		Action Plan to progressively increase green cover in AMRUT cities to 15% by FY 2019-20 shall be prepared by Dec 2015.
		3. Develop at least one children park every year in the AMRUT cities	Every Year	Included in the SLIPs of all AMRUT cities.	Provided in the SAAP for FY 2015-16. Shall be provided in next 4 FYs' SAAPs.

Sl. No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP	
				April to Sep, 2015	Oct, 2015 to Mar, 2016
		4. Establish a system for maintaining of parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model.	12 Months		A system for maintaining parks, playground and recreational areas relying on People Public Private Partnership (PPPP) model in AMRUT cities shall be established by Mar 2016.
5	Devolution of funds and functions	1. Ensure transfer of 14 <sup>th</sup> FC devolution to ULBs.	6 months	14th FC devolution has already been transferred to the ULBs as per the guidelines.	
		2. Appointment of State Finance Commission (SFC) and making decisions.	12 months	4th State Finance Commission (SFC) appointed and already submitted its recommendations. Funds allocated to the ULBs as per 4th SFC recommendations.	
		3. Transfer of all 18 functions to ULBs.	12 months	All 18 functions devolved to the ULBs in principle.	Efforts shall be made to implement the reforms in true spirit.
6	Review of Building by-laws	1. Revision of Building Bye laws periodically.	12 months	The Building Bye-laws notified in the year 2008 has been suitably amended in the year 2013. It will be further revised as and when required.	
		2. Create single window clearance for all approvals to give building permissions.	12 months	Single window clearance for all approvals to give building permissions implemented in Bhubaneswar.	Shall be implemented in other AMRUT ULBs in a phased manner.
7 (a)	Municipal tax and fees improvement	1. At least 90% coverage	12 months		Effort shall be made for at least 90% coverage.
		2. At least 90% collection.			Effort shall be made for at least 90% collection.

Sl. No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP	
				April to Sep, 2015	Oct, 2015 to Mar, 2016
		3. Make a policy to periodically revise property tax, levy charges and other fees		The New property Tax Act provides for periodically revising property tax, levy charges and other fees based on unit area method.	
		4. Post Demand collection Book (DCB) of tax details on the website			Post Demand Collection Book (DCB) of tax details shall be uploaded on the ULB website.
		5. Achieve full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module.		The Advertisement Policy for Urban Odisha 2013 is in place.	Full potential of advertisement revenue by making a policy for destination specific potential having dynamic pricing module shall be in place.
7 (b)	Improvement in levy and collection of user charges	1. Adopt a policy on user charges for individual and institutional assessments in which a differential rate is charged for water use and adequate safeguards are included to take care of the interests of the vulnerable.	12 months	Policy on user charges and tariff rationalization is already provided under Odisha Urban Drinking Water Policy, 2013. The service provider is already adopting a differential rate for individual and institutional users. The interests of the vulnerable sections safeguarded in subsidizing the connection fees and water tariff under PIYUSH.	
		2. Make action plan to reduce water losses to less than 20% and publish on the website.		100 % user-end metering is provided for all new water supply projects. Action Plan has been prepared for metering the existing connections as well, which will ensure reduction in NRW/ losses with a target to bring it down to 20%.	

Sl. No	Type	Steps	Implementation Timeline	Target to be set by states in SAAP	
				April to Sep, 2015	Oct, 2015 to Mar, 2016
		3. Separate accounts for user charges.			Ring-fencing of revenue and expenditure shall be adapted to ensure separate accounting principles.
		4. At least 90% billing.		100% billing is done for water supply and sewerage.	At least 90% billing shall be done by the ULBs for other sectors.
		5. At least 90% collection.			Efforts shall be made for at least 90% collection.
8	Energy and Water audit	1. Energy (Street lights) and Water Audit (including non-revenue water losses audit).	12 months		Energy (Street lights) and Water Audit (including non-revenue water or losses audit) shall be conducted.
		2. Making STPs and WTPs energy efficient.		Initiatives are taken to make WTPs and pumping stations energy efficient in 5 AMRUT ULBs.	Steps shall be taken for making STPs and WTPs energy efficient in rest of the ULBs.
		3. Optimize energy consumption in street lights by using energy efficient lights and increasing reliance on renewable energy.		Energy efficient LED street lights are already commissioned in 5 AMRUT cities of Bhubaneswar, Sambalpur, Rourkela, Berhampur and Cuttack on PPP mode in a phased manner.	Energy efficient LED street lights shall be installed in rest 4 AMRUT cities

**Table 5.2**  
**SAAP - Reforms Type, Steps and Target for AMRUT Cities FY 2016-2017**

SN	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep 2015	Oct 2015 to Mar2016	April to Sep, 2016	Oct 2016 to Mar2017
1	E-Governance	Coverage with E-MAAS (from the date of hosting the software)					
		1. Registration of Birth, Death and Marriage	24 months	Accomplished			
		2. Water & Sewerage Charges	24 months		√		
		3. Grievance Redressal	24 months			√	
		4. Property Tax	24 months				√
		5. Advertisement Tax	24 months				√
		6. Issuance of Licenses	24 months	Accomplished			
		7. Building Permissions	24 months				√
		8. Mutations	24 months				√
		9. Payroll	24 months				√
		10. Pension	24 months				√
		11. e-procurement	24 months	Accomplished			



SN	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep 2015	Oct 2015 to Mar2016	April to Sep, 2016	Oct 2016 to Mar2017
2	Constitution and professionalization of municipal cadre	1. Establishment of municipal cadre	24 months		The new Municipal Cadre will be notified		The new Municipal Cadre will be established
		2. Cadre linked training	24 months				√
3	Augmenting double entry accounting	1. Appointment of internal auditor	24 months				√
4	Urban Planning and City Development Plans	1. Make a State Level policy for implementing the parameters given in the National Mission for Sustainable Habitat.	24 months				√
5	Devolution of funds and functions	1. Implementation of SFC recommendations within timeline.	24 months				√
6	Review of Building by-laws	1. State to formulate a policy and action plan for having a solar roof top in all buildings having an area greater than 500 square meters and all public buildings.	24 months				√
		2. State to formulate a policy and action plan for having Rainwater harvesting structures in all commercial, public buildings and new buildings on plots of 300 sq. meters and above.	24 months				√

SN	Type	Steps	Implementation Timeline	Target to be set by states in SAAP			
				April to Sep 2015	Oct 2015 to Mar2016	April to Sep, 2016	Oct 2016 to Mar2017
7	Set-up financial intermediary at state level	1. Establish and operationalize financial intermediary- pool finance, access external funds, float municipal bonds.	24 months	Odisha Urban Infrastructure Development Fund (OUIDF) already established; external funds accessed		Practice of pool finance	Floating of municipal bonds
8	Credit Rating	1. Complete the credit ratings of the ULBs.	24 months				√
9	Energy and Water audit	1. Give incentives for green buildings (e.g. rebate in property tax or charges connected to building permission/development charges).	24 months				√

**Table 5.3**  
**SAAP - Reforms Type, Steps and Target for AMRUT Cities FY 2017-2018**

SN	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
1	E-Governance	1. Personnel Staff management	36 months						√
		2. Project Management	36 months						√
2	Urban Planning and City Development Plans	1. Establish Urban Development Authorities	36 months						√
3	Swachh Bharat Mission	1. Elimination of open defecation	36 months						√
		2. Waste Collection (100%)	36 months				√		
		3. Transportation of Waste (100%)	36 months				√		
		4. Scientific Disposal (100%).	36 months						√
		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		Nos. of employees based on population already provided in the draft Municipal Cadre		The new Municipal Cadre will be established by Mar 2017		

Table 5.4

### SAAP - Reforms Type, Steps and Target for AMRUT Cities FY 2018-2019

SN	Type	Steps	Implementation Timeline	Target to be set by states in SAAP								
				April, 2015 to Sep, 2015	Oct, 2015 to Mar, 2016	April, 2016 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	Preparation of Master Plan using GIS.	48 months									Master Plans using GIS will be prepared for all AMRUT ULBs.

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

Amount in Rs. Cr

SI No.	Name of the ULB	Total numbers to be trained in the current FY department wise						Name of the training institution (s) identified	Number of training programmes to be conducted	Funds required in current FY
		Elected Representative	Finance Dept.	Engineering Dept.	Town planning Dept.	Administration Dept.	Total			
1	Bhubaneswar	5	5	15	3	7	35	Yet to be Identified		0.046
2	Cuttack	5	3	15	3	9	35			0.046
3	Berhampur	5	3	15	3	9	35			0.046
4	Sambalpur	-	3	15	3	9	30			0.038
5	Rourkela	-	3	15	3	9	30			0.038
6	Puri	5	3	15	3	9	35			0.046
7	Balasore	5	3	15	3	9	35			0.046
8	Baripada	5	3	15	3	9	35			0.046
9	Bhadrak	5	3	15	3	9	35			0.046
	<b>Total</b>	<b>35</b>	<b>29</b>	<b>135</b>	<b>27</b>	<b>79</b>	<b>305</b>		<b>9</b>	<b>0.398</b>

\* The Training Programmes and Exposure Visit for ERs for FY 2015-16 will be conducted on the basis of the following training Modules:

- 1) Training Module for Elected representatives
- 2) Municipal Finance Module
- 3) Service Level Benchmarking Module
- 4) Urban Governance and Management Module
- 5) Project Management and Procurement Module
- 6) Urban Sanitation Module
- 7) Urban Planning Module and

## 8) PPP Module

**Form 7.2.2 Fund requirement for State level activities**

Amount in Rs. in Cr.

Sl. No.	State level activity	Cumulative funds released up to current FY	Total expenditure up to current FY	Unspent funds available from earlier releases	Funds required for the current FY
1	RPMC/SMMU *	2.38	0.58	1.8	0.45
2	UMC *	1.1	0	1.1	
3	Others (e.g. workshops, seminars, etc.), which are approved by NIUA				0.04
4	Institutional				2
	<b>Total</b>	<b>3.48</b>	<b>0.58</b>	<b>2.9</b>	<b>2.49</b>

\* Rs. 2.38 Cr. and 1.1 Cr. have been released for SRPMC and UMC respectively under CCBP which has been mentioned in the committed expenditure.

**Form 7.2.3 Total fund requirement for Capacity Building**

Amount in Rs. Cr.

Sl. No	Funds Requirements	Individual	Individual	RPMC and UMC	Others	Total
1	Total Release since start of Mission (2015)					
2	Total Utilized - Centre Share					
3	Balance Available - Centre Share					
4	Amount Required - Centre Share	0.44				0.44
5	Total Funds required for Capacity Building in FY	0.44				0.44



### 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 pooling?

Yes, the state has already approved a CDP land implementation policy (CLIP 2015) for the development authorities and amended Odisha Development Authority (ODA) Act to provide for land and other tools like land pooling, premium FAR, Transit Oriented development etc.

b. List of ULBs willing to have a credit rating done as the first step to issue bonds?

One ULB i.e. Bhubaneswar Municipal Corporation has been identified for the purpose by Govt. of India and a study is being carried out by ICRA.

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

Yes, as a first step GIS survey was conducted in 5 Municipal Corporations/Municipalities, further all the CDPs which are done are GIS based.

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

Yes, the State has prepared a CDP Land Implementation Policy (CLIP) for all Development Authorities. The policy prescribed to facilitate urbanisation through creating of urban land markets, among other things by proactive engaging private investors for developments of urban infrastructure, shelters and commercial spaces on PPP mode.

e. Does the State require assistance to professionalize the municipal cadre?

Yes, a common Municipal Cadre for Group A, B & C category of employees is being put in place. The Draft Municipal services bill has been prepared for legislation.

f. Does the State require assistance to reduce non-revenue water in ULBs?

Yes, State requires assistance in terms of research study, assessment, Institutional Capacity Building, IEC activities in terms of reducing NRW in ULBs.

g. Does the State require assistance to improve property tax assessment and collections in ULBs?

Yes, already the bill on property tax by amending the existing Municipal Act have been done and rules are under preparation with the help of consultant i.e. Administrative Staff College of India (ASCI), Hyderabad and Deloitte. But, for unit rate fixation, assessment and collection specialized assistance will be required.

h. Does the State require assistance to establish a financial intermediary?

Yes, Currently, In order to meet the additional funds for infrastructure investments in ULBs, Government of Odisha has set up a Trust namely 'Odisha Urban Infrastructure Development Fund' (OUIDF) for the purpose of financing Infrastructure Projects in the State undertaken by Urban Local Bodies.



**ANNEXE- I**  
**CHECKLIST ON CONSOLIDATED SAAP**



**Table 6.1: Checklist – Appraisal of SLIPs of ULBs for State Mission Directorate to be put up before State HPSC**

Sl. No.	Area of appraisal	Yes/No	Supporting Documents	Remarks
1	Has the city assessed baseline for service coverage indicators?	Yes	SLB indicators declared by the service provider for FY 14-15	The State has been notifying SLB for all MCs and Municipalities since FY 2011-12.
2	Has the City carried out citizen consultations to develop SLIPs and prepare CDPs	Yes	Photographs of consultation enclosed in the report at Annexe - 2	Each City has consulted with citizens groups during preparation of SLIPs.
3	Have the prioritization of projects been done based on citizen consultation	Yes		Prioritization of projects been done based on citizen consultation; however subject to the national priorities under AMRUT.
4	Has the city assessed low cost or no cost improvements that can improve service levels?	Yes		The city has assessed low cost or no cost improvements that can improve service levels during SLIP prioritisation
5	Are the identified capital investments accompanied by management improvements (e.g. Reforms) to improve service levels?	Yes	Provided in Table 5.1.a.	Odisha is a pioneer state in urban sector reforms. Many of the reforms mandated under AMRUT have already been initiated.
6	Will the proposed investments ensure service levels to slum/urban poor areas?	Yes		Coverage of slum/ urban poor areas as areas are considered on priority basis.
7	Is the proposed project addressing the highest priority need for improvement after including the National priorities?	Yes	As per SLIPs	The city priorities are tried to be balanced with the national priorities.
8	Is the investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes		The investment proposed commensurate to the level of improvement envisaged in the service level indicator.
9	Has the city proposed smart solutions to minimize the cost of investments?	Yes		The cost of investments has been tried to be minimized by taking up network improvement and decentralized Septage management rather than more head-works and sewerage network, in fringe areas.
10	Type of Smart Solutions proposed by the city	Yes		Automatic metering, recycle and reuse of water
11	Has the city ensured that investment proposals are based on reason able cost norms?	Yes		The investment proposals are based on the current SoR and other reasonable cost norms.

Sl. No.	Area of appraisal	Yes/No	Supporting Documents	Remarks
12	Has the city carried out a financial forecast to identify resource requirements for a) Capital costs b) O & M c) Repayments for borrowings / financing contributed by PPP	Yes		Capital cost has been computed as per present costs; and O&M cost is based on the price index increment.
13	Has the city identified incremental O&M requirements, including staff and costs?	Yes		Incremental O&M requirements, including staff and costs identified based on inflation and price index.
14	Has the city considered various sources of funds to meet investment needs?	Yes	Mentioned in the SAAP Table 3.2	Fund from PPP source is explored in case of Bhubaneswar W/s project.
15	Has the city considered all potential revenue improvements to mobilise additional revenue including innovative financing options?	Yes		Odisha Urban Infrastructure Development Fund (OUIDF) dovetailed as the Financial Intermediary for mobilizing additional revenue.
16	Has the city explored all sources of finance, including market borrowing?	Yes		Various sources of finance are explored based on the project viability.
17	Has the city considered various PPP options?	Yes		PPP options have been considered based on project viability.
18	Has the city provided clear status and road map for implementation of reforms?	Yes	Mentioned at table 5.1.a	
19	Have cities prepared implementation plan for initiating proposed projects and reforms?	Yes		Broader timeline for implementation of projects and reforms has been set. Details will be done during preparation DPRs.
20	Has the prioritization of ULBs for funding in AMRUT been done according to para 7.2.	Yes		Prioritization of ULBs for funding in AMRUT been done according to para 7.2.

**Table 6.2: Checklist - Consolidated State Annual Action Plan of all ULBs to be sent for Assessment by MoUD**

S. No.	Points of Consideration	Yes/ No	Give Details
1	Have all the Cities prepared SLIP as per the suggested approach?	Yes	All the cities have prepared SLIPs based on Mission Guidelines, consultations and conditionality.
2	Has the SAAP prioritized proposed investments across cities?	Yes	SAAP has prioritized proposed investments across cities (as per Annexe – II)
3.	Is the indicator wise summary of improvements proposed (both investments and management improvements) by State in place?	Yes	Indicator wise summary of improvements proposed (both investments and management improvements) as per Table – 3.5
4.	Have all the cities under Mission identified/done baseline assessments of service coverage indicators?	Yes	SLB notification for all the Mission cities carried out since FY 2011-12 up to FY 2014-15.
5.	Are SAAPs addressing an approach towards meeting Service Level Benchmarks agreed by Ministry for each Sector?	Yes	The SAAPs addressing an approach towards meeting Service Level Benchmarks agreed by Ministry for each Sector as per Table – 3.5
6.	Is the investment proposed commensurate to the level of improvement envisaged in the indicator?	Yes	The investment proposed is judiciously made to commensurate to the level of improvement envisaged in the indicator.
7	Are State Share and ULB share in line with proposed Mission approach?	Yes	Considering the weak financial base of ULBs in Odisha, ULB share has not been computed; but the same is being explored for some selected projects on drainage, septage, parks & urban transport.
8.	Is there a need for additional resources and have state considered raising additional resources (State programs, aided projects, additional devolution to cities, 14th Finance Commission, external sources) ?	Yes	The required additional resources are to come from the State Budget, OUIDF loan, PPP etc.; and the O&M shall be met by the ULBs.
9.	Does State Annual Action Plan verify that the cities have undertaken financial projections to identify revenue requirements for O & M and repayments?	Yes	Revenue requirement for O & M cost to come partly from the State budget and partly from the taxes/user charges.
10.	Has the State Annual Action Plan considered the resource mobilization capacity of each ULB to ensure that ULB share can be mobilized?	Yes	Considering the weak financial base of ULBs in Odisha, ULB share has not been computed; but the same is being explored for some selected projects on drainage, septage, parks & urban transport, which can be realised through taxes, fees and user charges.
11	Has the process of establishment of PDMC been initiated?	Yes	The SHPSC has given a go ahead to initiate process to engage Engineers India Ltd. (EIL) as the PDMC.
12.	Has a roadmap been prepared to realize the resource potential of the ULB?	Yes	Process has been initiated to enhance ULBs' own revenue through property tax reforms (to be implemented from 2016) and other measures.
13.	Is the implementation plan for projects and reforms in place (Timelines and yearly milestones)?	Yes	Broader timeline for implementation of projects has been set. Details will be done during preparation DPRs. Timeline for reforms implementation as per the guidelines.
14.	Has the prioritization of projects in ULBs been done in accordance with Para 7.2 of the guidelines?	Yes	Prioritization of ULBs for funding in AMRUT been done according to para 7.2.

**ANNEXE - II  
PROJECTS IDENTIFIED**



### Projects of 5 Sectors Identified Under AMRUT for BHUBANESHWAR in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of W/S to Bhubaneswar- Rehab-R1 (HLT) (AMRUT/OD/BHUBANESWAR/WS/01)	3.00
2		Improvement of W/S to Bhubaneswar- Rehab-R2 (UNIT-IV) (AMRUT/OD/BHUBANESWAR/WS/02)	6.00
3		Improvement of W/S to Bhubaneswar- Rehab-R3 (UNIT-III) (AMRUT/OD/BHUBANESWAR/WS/03)	12.00
4		Improvement of W/S to Bhubaneswar- Rehab-R4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/04)	8.04
5		Improvement of W/S to Bhubaneswar- Rehab-R5 (SAHIDNAGAR) (AMRUT/OD/BHUBANESWAR/WS/05)	3.78
6		Improvement of W/S to Bhubaneswar- Rehab-R6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/06)	18.07
7		Improvement of W/S to Bhubaneswar- Rehab-R7 (PALASUNI) (AMRUT/OD/BHUBANESWAR/WS/07)	1.20
8		Improvement of W/S to Bhubaneswar- Rehab-R8 (CSPUR) (AMRUT/OD/BHUBANESWAR/WS/08)	12.81
9		Improvement of W/S to Bhubaneswar- Rehab-R9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/09)	2.14
10		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM1 (HLT) (AMRUT/OD/BHUBANESWAR/WS/10)	2.93
11		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM2 (UNIT-IV) (AMRUT/OD/BHUBANESWAR/WS/11)	14.32
12		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM3 (UNIT-III) (AMRUT/OD/BHUBANESWAR/WS/12)	5.35
13		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/13)	21.48
14		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM5 (SAHIDNAGAR) (AMRUT/OD/BHUBANESWAR/WS/14)	10.90
15		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/15)	16.35
16		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM7 (RENT) (AMRUT/OD/BHUBANESWAR/WS/16)	0.13
17		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM8 (CSPUR) (AMRUT/OD/BHUBANESWAR/WS/17)	8.21
18		Improvement of W/S to Bhubaneswar- Rehab. Metering-RM9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/18)	7.19
19		Improvement of W/S to Bhubaneswar- Coverage-Z1 (HLT) (AMRUT/OD/BHUBANESWAR/WS/19)	9.82
20		Improvement of W/S to Bhubaneswar- Coverage-Z2 (UNIT-IV) (AMRUT/OD/BHUBANESWAR/WS/20)	11.23
21		Improvement of W/S to Bhubaneswar- Coverage-Z3 (UNIT-III) (AMRUT/OD/BHUBANESWAR/WS/21)	11.60
22		Improvement of W/S to Bhubaneswar- Coverage-Z4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/22)	43.92
23		Improvement of W/S to Bhubaneswar- Coverage-Z5 (SAHIDNAGAR) (AMRUT/OD/BHUBANESWAR/WS/23)	65.10
24		Improvement of W/S to Bhubaneswar- Coverage-Z6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/24)	21.70
25		Improvement of W/S to Bhubaneswar- Coverage-Z7 (RENT) (AMRUT/OD/BHUBANESWAR/WS/25)	28.46

STATE ANNUAL ACTION PLAN - ODISHA

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
26		Improvement of W/S to Bhubaneswar- Coverage-Z8 (CSPUR) (AMRUT/OD/BHUBANESWAR/WS/26)	46.11
27		Improvement of W/S to Bhubaneswar- Coverage-Z9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/27)	47.05
28		Improvement of W/S to Bhubaneswar- New Metering-NM1 (HLT) (AMRUT/OD/BHUBANESWAR/WS/28)	6.33
29		Improvement of W/S to Bhubaneswar- New Metering-NM2 (UNIT-IV) (AMRUT/OD/BHUBANESWAR/WS/29)	11.59
30		Improvement of W/S to Bhubaneswar- New Metering-NM3 (UNIT-III) (AMRUT/OD/BHUBANESWAR/WS/30)	4.19
31		Improvement of W/S to Bhubaneswar- New Metering-NM4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/31)	42.11
32		Improvement of W/S to Bhubaneswar- New Metering-NM5 (SAHIDNAGAR) (AMRUT/OD/BHUBANESWAR/WS/32)	10.63
33		Improvement of W/S to Bhubaneswar- New Metering-NM6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/33)	13.36
34		Improvement of W/S to Bhubaneswar- New Metering-NM7 (RENT) (AMRUT/OD/BHUBANESWAR/WS/34)	22.79
35		Improvement of W/S to Bhubaneswar- New Metering-NM8 (CSPUR) (AMRUT/OD/BHUBANESWAR/WS/35)	22.40
36		Improvement of W/S to Bhubaneswar- New Metering-NM9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/36)	27.11
37		Improvement of W/S to Bhubaneswar- HW -1 (RENT) (AMRUT/OD/BHUBANESWAR/WS/37)	15.13
<b>Total</b>			<b>614.53</b>
38	Sewerage/ Septage	Sewerage System for Bhubaneswar, Zone 1 – Sewer network , AMRUT/OD/Bhubaneswar/SG/01	54.69
39		Sewerage System for Bhubaneswar, Zone 2– Sewer network, AMRUT/OD/Bhubaneswar/SG/02	107.09
40		Sewerage System for Bhubaneswar, Zone 3 – Sewer network, AMRUT/OD/Bhubaneswar/SG/03	123.48
41		Sewerage System for Bhubaneswar, Zone 5 – Sewer network, AMRUT/OD/Bhubaneswar/SG/04	12.1
42		Sewerage System for Bhubaneswar, Zone 6 – Sewer network, AMRUT/OD/Bhubaneswar/SG/05	226.07
43		Sewerage System for Bhubaneswar, Zone 6– STP & Pumping Stations. AMRUT/OD/Bhubaneswar /SG/06	3.9
44		Septage Management for Bhubaneswar, AMRUT/OD/Bhubaneswar/SG/07	4.95
<b>Total</b>			<b>532.28</b>
45	Storm Water Drainage	Construction of SWD in Bhubaneswar, AMRUT/OD/Bhubaneswar/SWD/ 03, ( Ward Covered: 28-36, 40-45, 53-61, 67)	188.71
46		Construction of SWD in Bhubaneswar, AMRUT/OD/Bhubaneswar/SWD/01, (Ward Covered:1-14, 16-21, 26)	323.49
47		Construction of SWD in Bhubaneswar, AMRUT/OD/Bhubaneswar/SWD/ 02, (Ward Covered:15, 22-25, 27, 37-39, 46-52, 62-66)	291.45
<b>Total</b>			<b>803.65</b>
48	Urban Transport	Construction of Street Parking, (AMRUT/OD/BHUBANESWAR/UT/01)	5.00
49		Construction of Footpaths, (AMRUT/OD/BHUBANESWAR/UT/02)	19.00
50		Augmentation of City Bus fleet, (AMRUT/OD/BHUBANESWAR/UT/03)	25.00
51		Construction of Cycle Tracks, (AMRUT/OD/BHUBANESWAR/UT/04)	32.70

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
52		Construction of Multi Level Parking, (AMRUT/OD/BHUBANESWAR/UT/05)	10.00
53		Pilot Projects – Pedestrianisation, (AMRUT/OD/BHUBANESWAR/UT/06)	6.00
54		Construction of Bus Q Shelters, (AMRUT/OD/BHUBANESWAR/UT/07)	5.00
55		Construction of Foot Over Bridges, (AMRUT/OD/BHUBANESWAR/UT/08)	8.00
56		Creation of Signalistions at Junctions, (AMRUT/OD/BHUBANESWAR/UT/09)	5.00
57		Creation of ITS and Traffic Mgt. Centre (TMC), (AMRUT/OD/BHUBANESWAR/UT/10)	10.00
<b>Total</b>			<b>125.70</b>
58	Parks	Construction of Park in Bhubaneswar near Sailashree Vihar - AMRUT/OD/Bhubaneswar/PR/01	0.51
59		Construction of Park in Bhubaneswar near Niladri Vihar Sector -5 - AMRUT/OD/ Bhubaneswar /PR/02	0.32
60		Construction of Park in Bhubaneswar near Dumduma OSHB - AMRUT/OD/ Bhubaneswar /PR/03	0.06
61		Construction of Park in Bhubaneswar near Kanan Vihar Ph 1 - AMRUT/OD/Bhubaneswar /PR/04	0.52
62		Construction of Park in Bhubaneswar near Kanan Vihar Ph II - AMRUT/OD/ Bhubaneswar /PR/06	0.32
63		Construction of Park in Bhubaneswar near Chandhrashekarapur, OSHB Colony- AMRUT/OD/Bhubaneswar/PR/07	0.32
64		Construction of Park in Bhubaneswar near Nayapalli Brit colony - AMRUT/OD/Bhubaneswar/PR/08	0.32
65		Construction of Park in Bhubaneswar near Kalpana Flat area - AMRUT/OD/Bhubaneswar/PR/09	0.32
66		Construction of Park in Bhubaneswar near GGP Colony Rasulgarh - AMRUT/OD/Bhubaneswar/PR/10	0.32
67		Construction of Park in Bhubaneswar near Rajeev Nagar Aigania - AMRUT/OD/Bhubaneswar/PR/11	0.32
68		Construction of Park in Bhubaneswar near N-4 IRC Village- AMRUT/OD/Bhubaneswar/PR/12	0.32
69		Development of Park in Bhubaneswar near Silashree Vihar PH-VII - AMRUT/OD/Bhubaneswar/PR/13	0.24
70		Development of Park in Bhubaneswar near Chandrasekharapur, BDA Colony - AMRUT/OD/Bhubaneswar/PR/14	0.24
71		Development of Park in Bhubaneswar near Baramunda E-Type flat Park - AMRUT/OD/Bhubaneswar/PR/15	0.22
72		Development of Park in Bhubaneswar near Bhimtangi Ph -1 - AMRUT/OD/Bhubaneswar/PR/16	0.22
73		Development of Park in Bhubaneswar near Maa Bhuasuni Park - AMRUT/OD/Bhubaneswar/PR/07	0.26
74		Development of Park in Bhubaneswar near Town Club Park - AMRUT/OD/Bhubaneswar/PR/18	0.34
75		Development of Park in Bhubaneswar near Jharpada Colony park Stage-5 - AMRUT/OD/Bhubaneswar/PR/19	0.25
76		Development of Park in Bhubaneswar near Madhusudan Nagar Park - AMRUT/OD/Bhubaneswar/PR/20	0.26
77		Development of Park in Bhubaneswar near Satya Nagar Park - AMRUT/OD/Bhubaneswar/PR/21	0.27
<b>Total</b>			<b>5.97</b>



## Projects of 5 Sectors Identified Under AMRUT for CUTTACK in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr
1	Water Supply	Improvement of WS to Cuttack -Rehabilitation P1,(AMRUT/OD/CUTTACK/WS/01)	2.92
2		Improvement of WS to Cuttack -Rehabilitation P2,(AMRUT/OD/CUTTACK/WS/02)	3.62
3		Improvement of WS to Cuttack -Rehabilitation P3, (AMRUT/OD/CUTTACK/WS/03)	3.46
4		Improvement of WS to Cuttack -Rehabilitation P4, (AMRUT/OD/CUTTACK/WS/04)	3.60
5		Improvement of WS to Cuttack -Rehabilitation P5, (AMRUT/OD/CUTTACK/WS/05)	3.61
6		Improvement of WS to Cuttack -Rehabilitation P6, (AMRUT/OD/CUTTACK/WS/06)	3.58
7		Improvement of WS to Cuttack -Rehabilitation P7, (AMRUT/OD/CUTTACK/WS/07)	3.59
8		Improvement of WS to Cuttack -Rehabilitation P8, (AMRUT/OD/CUTTACK/WS/08)	3.68
9		Improvement of WS to Cuttack -Rehabilitation P9, (AMRUT/OD/CUTTACK/WS/9)	3.53
10		Improvement of WS to Cuttack -Rehabilitation P10, (AMRUT/OD/CUTTACK/WS/10)	3.33
11		Improvement of WS to Cuttack -Rehabilitation P11, (AMRUT/OD/CUTTACK/WS/11)	3.86
12		Improvement of WS to Cuttack -Rehabilitation P12, (AMRUT/OD/CUTTACK/WS/12)	37.63
13		Improvement of WS to Cuttack -New Z1(Part A), (AMRUT/OD/CUTTACK/WS/13), ( Ward Covered: 1,2,7,8 )	4.72
14		Improvement of WS to Cuttack -New Z1(Part B), (AMRUT/OD/CUTTACK/WS/14), ( Ward Covered: 1,2,7,8 )	9.79
15		Improvement of WS to Cuttack -New Z2(Part A), (AMRUT/OD/CUTTACK/WS/15) ,( Ward Covered: 3-6 )	9.77
16		Improvement of WS to Cuttack -New Z2(Part B), (AMRUT/OD/CUTTACK/WS/16), ( Ward Covered: 3-6 )	10.62
17		Improvement of WS to Cuttack -New Z2(Part C), (AMRUT/OD/CUTTACK/WS/17), ( Ward Covered: 3-6 )	8.14
18		Improvement of WS to Cuttack -New Z3(Part A), (AMRUT/OD/CUTTACK/WS/18), ( Ward Covered: 9-16, 19)	3.71
19		Improvement of WS to Cuttack -New Z3(Part B), (AMRUT/OD/CUTTACK/WS/19) , ( Ward Covered: 9-16, 19)	14.81
20		Improvement of WS to Cuttack -New Z4(Part A), (AMRUT/OD/CUTTACK/WS/20),( Ward Covered: 11-14,20,21)	2.86
21		Improvement of WS to Cuttack -New Z4(Part B), (AMRUT/OD/CUTTACK/WS/21) ,( Ward Covered: 11-14,20,21)	15.78
22		Improvement of WS to Cuttack -New Z5(Part A), (AMRUT/OD/CUTTACK/WS/22), ( Ward Covered: 17,18,22-25)	1.87
23		Improvement of WS to Cuttack -New Z5(Part B), (AMRUT/OD/CUTTACK/WS/23), ( Ward Covered: 17,18,22-25)	16.60
24		Improvement of WS to Cuttack -New Z6(Part A), (AMRUT/OD/CUTTACK/WS/24), ( Ward Covered: 24,26-30)	1.98
25		Improvement of WS to Cuttack -New Z6(Part B), (AMRUT/OD/CUTTACK/WS/25), ( Ward Covered: 24,26-30)	15.28
26		Improvement of WS to Cuttack -New Z7(Part A), (AMRUT/OD/CUTTACK/WS/26), ( Ward Covered:31,32,35)	1.39

SN	Sector	Name of Projects	Estimated Project Cost in Cr
27	Water Supply	Improvement of WS to Cuttack -New Z7(Part B), (AMRUT/OD/CUTTACK/WS/27) ( Ward Covered:31,32,35)	12.07
28		Improvement of WS to Cuttack -New Z8(Part A), (AMRUT/OD/CUTTACK/WS/28) ( Ward Covered:36,37,44,45)	2.14
29		Improvement of WS to Cuttack -New Z8(Part B), (AMRUT/OD/CUTTACK/WS/29), ( Ward Covered:36,37,44,45)	9.16
30		Improvement of WS to Cuttack -New Z9(Part A), (AMRUT/OD/CUTTACK/WS/30), ( Ward Covered:38-41,46)	2.18
31		Improvement of WS to Cuttack -New Z9(Part B), (AMRUT/OD/CUTTACK/WS/31), ( Ward Covered:38-41,46)	12.36
32		Improvement of WS to Cuttack -New Z10(Part A), (AMRUT/OD/CUTTACK/WS/32), ( Ward Covered:42,43,47)	1.97
33		Improvement of WS to Cuttack -New Z10(Part B), (AMRUT/OD/CUTTACK/WS/33), ( Ward Covered:42,43,47)	6.79
34		Improvement of WS to Cuttack - New Z11, (AMRUT/OD/CUTTACK/WS/34), (Ward Covered:48,49)	29.57
35		Improvement of WS to Cuttack - New Z12(Part A), (AMRUT/OD/CUTTACK/WS/35), ( Ward Covered: 50-53)	8.81
36		Improvement of WS to Cuttack -New Z12(Part B), (AMRUT/OD/CUTTACK/WS/36), ( Ward Covered: 50-53)	9.64
37		Improvement of WS to Cuttack -New Z13(Part A), (AMRUT/OD/CUTTACK/WS/37), ( Ward Covered: 54,55)	6.51
38		Improvement of WS to Cuttack -New Z13(Part B), (AMRUT/OD/CUTTACK/WS/38), ( Ward Covered: 54,55)	6.80
39		Improvement of WS to Cuttack -New Z14, (AMRUT/OD/CUTTACK/WS/39), ( Ward Covered: 56-57)	20.14
40		Improvement of WS to Cuttack -New Z15, (AMRUT/OD/CUTTACK/WS/40), (Ward Covered: 58-59)	20.71
41		Improvement of WS to Cuttack – Head works P1, (AMRUT/OD/CUTTACK/WS/41)	9.66
42	Improvement of WS to Cuttack – Head works P2, (AMRUT/OD/CUTTACK/WS/42)	19.13	
43	Improvement of WS to Cuttack – Head works P3, (AMRUT/OD/CUTTACK/WS/43)	10.59	
<b>Total</b>			<b>381.96</b>
44	Sewerage/ Septage	Sewerage System for CUTTACK , Zone 1 – Sewer network, AMRUT/OD/CUTTACK /SG/01	139.42
45		Septage Management for CUTTACK, AMRUT/OD/CUTTACK /SG/02	1.86
46		Septage Management for CUTTACK, AMRUT/OD/CUTTACK /SG/03	1.94
47		Septage Management for CUTTACK, AMRUT/OD/CUTTACK /SG/04	3.37
<b>Total</b>			<b>146.59</b>
48	Storm Water Drainage	Augmentation of SWD in Cuttack City in zone 2, AMRUT/OD/CUTTACK/SWD/02, ( Ward Covered: 11,13-15, 17-23, 25)	36.22
49		Augmentation of SWD in Cuttack City in Zone-2, AMRUT/OD/CUTTACK/SWD/03, ( Ward Covered:24,26-30, 32-35)	22.79
50		Augmentation of SWD in Cuttack City in Zone-4, AMRUT/OD/CUTTACK/SWD/04,(Ward Covered: 31,36-41, 44,45)	23.68
51		Augmentation of SWD in Cuttack City in Zone-1, AMRUT/OD/CUTTACK/SWD/01,(Ward Covered: 1-10, 12, 16)	127.63
52		Augmentation of SWD in Cuttack City in Zone-5, AMRUT/OD/CUTTACK/SWD/05,(Ward Covered: 42,43, 46, 47, 50-55)	69.06
53		Augmentation of SWD in Cuttack City in Zone-6, AMRUT/OD/CUTTACK/SWD/06,(Ward Covered: 56-59)	99.76

SN	Sector	Name of Projects	Estimated Project Cost in Cr
54		Augmentation of SWD in Cuttack City in Zone-7, AMRUT/OD/CUTTACKE/SWD/07,(Ward Covered: 48, 49)	42.61
<b>Total</b>			<b>421.75</b>
55	Urban Transport	Construction of Street Parking, (AMRUT/OD/CUTTACK/UT/01)	5.00
56		Construction of Footpaths, (AMRUT/OD/CUTTACK/UT/02)	2.00
57		Augmentation of City Bus fleet, (AMRUT/OD/CUTTACK/UT/03)	12.00
58		Construction of Cycle Tracks, (AMRUT/OD/CUTTACK/UT/04)	3.00
59		Construction of Multi Level Parking, (AMRUT/OD/CUTTACK/UT/05)	8.00
60		Construction of Bus Depot/Terminal, (AMRUT/OD/CUTTACK/UT/06)	5.00
61		Construction of Bus Q Shelters, (AMRUT/OD/CUTTACK/UT/07)	5.00
62		Construction of Foot Over Bridges, (AMRUT/OD/CUTTACK/UT/08)	3.00
<b>Total</b>			<b>43.00</b>
63	Parks	Construction of Park in Cuttack near Mouzainam Park - AMRUT/OD/Cuttack/PR/01	0.44
64		Development of Chandan Pokhari Park in Cuttack - AMRUT/OD/Cuttack/PR/02	0.84
65		Development of Chahata Park in Cuttack - AMRUT/OD/Cuttack/PR/03	0.62
66		Development of Akhaya Mohanty Park in Cuttack - AMRUT/OD/Cuttack/PR/04	0.33
67		Development of Biswanath Pandit Park in Cuttack - AMRUT/OD/Cuttack/PR/05	0.42
68		Development of Buruia Park in Cuttack - AMRUT/OD/Cuttack/PR/06	0.40
69		Development of Mahatab Nagar Park in Cuttack - AMRUT/OD/Cuttack/PR/07	0.31
70		Development of Netaji Birth Place Park in Cuttack - AMRUT/OD/Cuttack/PR/08	0.31
71		Development of Madhukunia Park in Cuttack - AMRUT/OD/Cuttack/PR/09	0.59
72		Development of Sahed Park in Cuttack - AMRUT/OD/Cuttack/PR/10	0.22
73		Development of Gandhi Smriti Udayan in Cuttack - AMRUT/OD/Cuttack/PR/11	0.21
74		Development of Rajbagicha Park in Cuttack - AMRUT/OD/Cuttack/PR/12	0.21
75		Development of Dasarapur Park in Cuttack - AMRUT/OD/Cuttack/PR/13	0.11
76		Development of Sarangdhar Park in Cuttack - AMRUT/OD/Cuttack/PR/14	0.11
77		Development of Saptadara Park in Cuttack - AMRUT/OD/Cuttack/PR/15	0.11
78		Development of Gurudwar Park in Cuttack - AMRUT/OD/Cuttack/PR/16	0.11
79		Development of Parala Maharaja Park in Cuttack - AMRUT/OD/Cuttack/PR/17	0.11
80		Development of Linikonja Bagicha Park in Cuttack - AMRUT/OD/Cuttack/PR/18	0.11
81		Development of Sheltu Chhalu Park in Cuttack - AMRUT/OD/Cuttack/PR/19	0.11
82		Development of Biren Mitra Park in Cuttack - AMRUT/OD/Cuttack/PR/20	0.10
83		Anand Bhavan Park in Cuttack - AMRUT/OD/Cuttack/PR/21	0.19

SN	Sector	Name of Projects	Estimated Project Cost in Cr
84		Development of Saheed Bhavan Park in Cuttack - AMRUT/OD/Cuttack/PR/22	0.11
85		Development of Madhusudan Park in Cuttack - AMRUT/OD/Cuttack/PR/23	0.11
86		Development of B.R Ambedkar Park in Cuttack - AMRUT/OD/Cuttack/PR/24	0.11
87		Development of Potapokhari Park in Cuttack - AMRUT/OD/Cuttack/PR/25	0.11
88		Development of KauikaChhaka Park in Cuttack - AMRUT/OD/Cuttack/PR/26	0.11
89		Development of Developmentige Colony Park in Cuttack - AMRUT/OD/Cuttack/PR/27	0.11
90		Development of Gadabadia Park in Cuttack - AMRUT/OD/Cuttack/PR/28	0.11
91		Development of Behra Colony Park in Cuttack - AMRUT/OD/Cuttack/PR/29	0.11
<b>Total</b>			<b>6.81</b>

## Projects of 5 Sectors Identified Under AMRUT for BERHAMPUR in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Berhampur -Rehabilitation P1, (AMRUT/OD/BERHAMPUR/WS/01)	20.50
2		Improvement of WS to Berhampur -Rehabilitation P2, (AMRUT/OD/BERHAMPUR/WS/02)	15.76
3		Improvement of WS to Berhampur -Rehabilitation P3, (AMRUT/OD/BERHAMPUR/WS/03)	11.93
4		Improvement of WS to Berhampur -Rehabilitation P4, (AMRUT/OD/BERHAMPUR/WS/04)	6.56
5		Improvement of WS to Berhampur – Head works P1, (AMRUT/OD/BERHAMPUR/WS/05)	331.62
<b>Total</b>			<b>386.37</b>
6	Sewerage/ Septage	Sewerage System for BERHAMPUR , Zone 1 – Sewer network, AMRUT/OD/BERHAMPUR /SG/01	158.78
7		Sewerage System for BERHAMPUR, Zone 1 – STP & Pumping Stations. AMRUT/OD/BERHAMPUR /SG/02	54.95
8		Sewerage System for BERHAMPUR, Zone 2 – Sewer network, AMRUT/OD/BERHAMPUR /SG/03	166.1
9		Sewerage System for BERHAMPUR, Zone 2– STP & Pumping Stations. AMRUT/OD/BERHAMPUR /SG/04	48.5
10		Sewerage System for BERHAMPUR, Zone 3 – Sewer network AMRUT/OD/BERHAMPUR /SG/05	131.27
11		Sewerage System for BERHAMPUR, Zone 3– STP & Pumping Stations. AMRUT/OD/BERHAMPUR /SG/06	43.19
12		Septage Management for BERHAMPUR. AMRUT/OD/BERHAMPUR/SG/07	2.38
<b>Total</b>			<b>605.17</b>
13	Storm Water Drainage	Improvement of SWD in Berhampur City in zone 4, AMRUT/OD/BERHAMPUR/SWD/04, (Ward Covered: 26-28,30-32,36,37)	50.34
14		Improvement of SWD in Berhampur City in zone 3, AMRUT/OD/BERHAMPUR/SWD/03,(Ward Covered:12,16,17,19,20)	34.47
15		Improvement of SWD in Berhampur City in zone 5, AMRUT/OD/BERHAMPUR/SWD/05, (Ward Covered: 14,15,18,21-23,25)	37.06
16		Improvement of SWD in Berhampur City in zone 2, AMRUT/OD/BERHAMPUR/SWD/02,(Ward Covered: 2,5-11,13)	36.35
17		Improvement of SWD in Berhampur City in zone 6, AMRUT/OD/BERHAMPUR/SWD/06, (Ward Covered: 24,29,33-35,38-40)	45.35
18		Improvement of SWD in Berhampur City in zone 1, AMRUT/OD/BERHAMPUR/SWD/01,(Ward Covered: 1-4)	43.29
<b>Total</b>			<b>246.86</b>
19	Urban Transport	Construction of Street Parking, (AMRUT/OD/BERHAMPUR/UT/01)	0.65
20		Construction of Non Motorised Transport facilities, (AMRUT/OD/BERHAMPUR/UT/02)	4.50
21		Preparation of DPR on City Mobility Plan (CMP), (AMRUT/OD/BERHAMPUR/UT/03)	0.50
22		Construction of Bus Shelters, (AMRUT/OD/BERHAMPUR/UT/04)	1.50

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
23		Construction of Foot Over Bridges, (AMRUT/OD/BERHAMPUR/UT/05)	3
24		Pilot Project - Pedestrianisation on Big Bazar Road, (AMRUT/OD/BERHAMPUR/UT/06)	2
25		Augmentation of City Bus fleet, (AMRUT/OD/BERHAMPUR/UT/07)	12.00
<b>Total</b>			<b>24.15</b>
26	Parks	Development of Indira Priyadarshini Park at Mochl street in Berhampur - AMRUT/OD/Berhampur/PR/01	0.26
27		Development of Biju Patnaik Park at Corporation Road in Berhampur - AMRUT/OD/Berhampur/PR/02	0.27
28		Development of Park at DhonbaBandha Huda in Berhampur - AMRUT/OD/Berhampur/PR/03	0.28
29		Construction of Park at Baikunta Nagar in Berhampur - AMRUT/OD/Berhampur/PR/04	0.16
30		Construction of Park at Prem Nagar in Berhampur - AMRUT/OD/Berhampur/PR/05	0.13
31		Construction of Ganadhi Nagar Upper Road Park in Berhampur - AMRUT/OD/Berhampur/PR/06	0.26
32		Construction of Park at Gajapati Nagar in Berhampur - AMRUT/OD/Berhampur/PR/07	0.02
33		Construction of Parks in BRIT Colony in Berhampur - AMRUT/OD/Berhampur/PR/08	0.85
34		Construction of Nehru Park at Station Road in Berhampur - AMRUT/OD/Berhampur/PR/09	0.43
35		Construction of Park at Bada Bandha in Berhampur - AMRUT/OD/Berhampur/PR/11	0.93
36		Construction of Park at Ankuli in Berhampur - AMRUT/OD/Berhampur/PR/12	0.22
37		Construction of Park at Municipal Colony Lanji Palli in Berhampur - AMRUT/OD/Berhampur/PR/13	0.16
38		Construction of Park at Industrial Estate Chakka in Berhampur - AMRUT/OD/Berhampur/PR/14	0.16
39		Construction of Park at Komapalli Bandha Huda in Berhampur - AMRUT/OD/Berhampur/PR/15	0.15
40		Construction of Park at Bimala Nagar in Berhampur - AMRUT/OD/Berhampur/PR/16	0.18
41		Construction of Park at Saradha Check in Berhampur - AMRUT/OD/Berhampur/PR/17	0.15
42		Construction of Park at Angula Bandha Huda in Berhampur - AMRUT/OD/Berhampur/PR/18	0.46
43		Construction of Park at Somanath Nagar in Berhampur - AMRUT/OD/Berhampur/PR/19	0.27
44		Construction of Park at Gopalpur Main Road in Berhampur - AMRUT/OD/Berhampur/PR/20	0.48
45		Construction of Park at Santa Nagar in Berhampur - AMRUT/OD/Berhampur/PR/21	0.48
46		Construction of Park at Balajipentha Sahi in Berhampur - AMRUT/OD/Berhampur/PR/22	0.22
47		Construction of Park at Mentu Check in Berhampur - AMRUT/OD/Berhampur/PR/23	0.03
48		Construction of Park at Sunga tanka in Berhampur - AMRUT/OD/Berhampur/PR/24	0.21
<b>Total</b>			<b>6.78</b>

## Projects of 5 Sectors Identified Under AMRUT for SAMBALPUR in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Sambalpur - Rehabilitation P1, (AMRUT/OD/SAMBALPUR/WS/01)	6.61
2		Improvement of WS to Sambalpur - Rehabilitation P2, (AMRUT/OD/SAMBALPUR/WS/02)	8.33
3		Improvement of WS to Sambalpur - Rehabilitation P3, (AMRUT/OD/SAMBALPUR/WS/03)	2.14
4		Improvement of WS to Sambalpur - Rehabilitation P4, (AMRUT/OD/SAMBALPUR/WS/04)	13.56
5		Improvement of WS to Sambalpur - New Z1, (AMRUT/OD/SAMBALPUR/WS/05), (Ward Covered:1,2)	14.21
6		Improvement of WS to Sambalpur - New Z2, (AMRUT/OD/SAMBALPUR/WS/06), (Ward Covered: 3,4)	6.90
7		Improvement of WS to Sambalpur - New Z3, (AMRUT/OD/SAMBALPUR/WS/07), (Ward Covered:5-7)	2.49
8		Improvement of WS to Sambalpur - New Z4, (AMRUT/OD/SAMBALPUR/WS/08), (Ward Covered:8-11)	11.78
9		Improvement of WS to Sambalpur - New Z5, (AMRUT/OD/SAMBALPUR/WS/09), (Ward Covered:12,20)	17.83
10		Improvement of WS to Sambalpur - New Z6, (AMRUT/OD/SAMBALPUR/WS/10), (Ward Covered:13-15)	18.46
11		Improvement of WS to Sambalpur - New Z7, (AMRUT/OD/SAMBALPUR/WS/11), (Ward Covered:16-18)	11.07
12		Improvement of WS to Sambalpur - New Z8, (AMRUT/OD/SAMBALPUR/WS/12), (Ward Covered:19,21,27)	36.95
13		Improvement of WS to Sambalpur - New Z9, (AMRUT/OD/SAMBALPUR/WS/13) (Ward Covered:22,23)	3.30
14		Improvement of WS to Sambalpur - New Z10, (AMRUT/OD/SAMBALPUR/WS/14), (Ward Covered:24-26)	13.12
15		Improvement of WS to Sambalpur - New Z11, (AMRUT/OD/SAMBALPUR/WS/15), (Ward Covered:31,32)	7.02
16		Improvement of WS to Sambalpur - New Z12, (AMRUT/OD/SAMBALPUR/WS/16), (Ward Covered:28,38,39)	32.75
17		Improvement of WS to Sambalpur - New Z13, (AMRUT/OD/SAMBALPUR/WS/17), (Ward Covered:29,30,33)	21.45
18		Improvement of WS to Sambalpur -New Z14, (AMRUT/OD/SAMBALPUR/WS/18),( Ward Covered:34,35)	8.23
19		Improvement of WS to Sambalpur -New Z15, (AMRUT/OD/SAMBALPUR/WS/19),( Ward Covered:36,37)	7.75
20		Improvement of WS to Sambalpur - New Z16, (AMRUT/OD/SAMBALPUR/WS/20), (Ward Covered:40)	7.53
21		Improvement of WS to Sambalpur - New Z17, (AMRUT/OD/SAMBALPUR/WS/21), (Ward Covered:41)	4.29
22		Improvement of WS to Sambalpur – Head works P1, (AMRUT/OD/SAMBALPUR/WS/22)	3.37
23		Improvement of WS to Sambalpur – Head works P2, (AMRUT/OD/SAMBALPUR/WS/23)	26.00

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
24		Improvement of WS to Sambalpur – Head works P3, (AMRUT/OD/SAMBALPUR/WS/24)	31.50
25		Improvement of WS to Sambalpur – Head works P4, (AMRUT/OD/SAMBALPUR/WS/25)	25.02
26		Improvement of WS to Sambalpur – Head works P5, (AMRUT/OD/SAMBALPUR/WS/26)	32.87
<b>Total</b>			<b>374.53</b>
27	<b>Sewerage/ Septage</b>	Sewerage System for SAMBALPUR , Zone 1 – Sewer network, AMRUT/OD/SAMBALPUR /SG/01	333.87
28		Sewerage System for SAMBALPUR, Zone 1 – STP & Pumping Stations, AMRUT/OD/SAMBALPUR /SG/02	94.81
29		Sewerage System for SAMBALPUR, Zone 2 – Sewer network AMRUT/OD/SAMBALPUR /SG/03	145.26
30		Sewerage System for SAMBALPUR, Zone 2– STP & Pumping Stations. AMRUT/OD/SAMBALPUR /SG/04	28.20
31		Sewerage System for SAMBALPUR, Zone 3 – Sewer network AMRUT/OD/SAMBALPUR /SG/05	99.59
32		Sewerage System for SAMBALPUR, Zone 3– STP & Pumping Stations. AMRUT/OD/SAMBALPUR /SG/06	16.94
33		Septage Management for SAMBALPUR, AMRUT/OD/SAMBALPUR /SG/07	5.37
34		ID work, AMRUT/OD/SAMBALPUR /SG/08	22.00
<b>Total</b>			<b>746.04</b>
35	<b>Storm Water Drainage</b>	Improvement of SWD in SAMBALPUR City in zone 3, AMRUT/OD/SAMBALPUR/SWD/03,(Ward Covered:13-24,27)	148.40
36		Improvement of SWD in SAMBALPUR City in zone 4, AMRUT/OD/SAMBALPUR/SWD/04, (Ward Covered:25,26,30-27)	216.38
37		Improvement of SWD in SAMBALPUR City in zone 2, AMRUT/OD/SAMBALPUR/SWD/02, (Ward Covered:8-12)	67.40
38		Improvement of SWD in SAMBALPUR City in zone 1, AMRUT/OD/SAMBALPUR/SWD/01 (Ward Covered:3-7)	76.39
39		Improvement of SWD in SAMBALPUR City in zone 6, AMRUT/OD/SAMBALPUR/SWD/06,(Ward Covered:38-41)	81.82
40		Improvement of SWD in SAMBALPUR City in zone 5, AMRUT/OD/SAMBALPUR/SWD/05, (Ward Covered:1-2)	74.54
<b>Total</b>			<b>664.93</b>
41	<b>Urban Transport</b>	Construction of Street Parking (AMRUT/OD/SAMBALPUR/UT/01)	0.60
42		Construction of Non Motorised Transport facilities (AMRUT/OD/SAMBALPUR/UT/02)	0.50
43		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/SAMBALPUR/UT/03)	0.50
44		Construction of Multi-level parking (AMRUT/OD/SAMBALPUR/UT/04)	1.00
45		Augmentation of City Bus fleet (AMRUT/OD/SAMBALPUR/UT/05)	12.00



SN	Sector	Name of Projects	Estimated Project Cost in Cr.
46		Construction of Foot Over Bridges (AMRUT/OD/SAMBALPUR/UT/06)	3.00
47		Construction of Non Motorised Transport facilities (Footpaths & Cycle Tracks & Cycle Parking) (AMRUT/OD/SAMBALPUR/UT/07)	6.00
<b>Total</b>			<b>23.60</b>
48	Parks	Construction of Ram Sagar Park in Sambalpur - AMRUT/OD/Sambalpur/PR/01	1.35
49		Construction of Park Siran Vihar Park in Sambalpur - AMRUT/OD/Sambalpur/PR/02	0.17
50		Construction of Park Bhimabhur Park in Sambalpur - AMRUT/OD/Sambalpur/PR/03	0.38
51		Development of Sen Park in Sambalpur - AMRUT/OD/Sambalpur/PR/04	0.38
52		Children park near Govind Tola in Sambalpur - AMRUT/OD/Sambalpur/PR/05	0.06
53		Construction of Park in front of RTO office - AMRUT/OD/Sambalpur/PR/06	0.11
54		Construction of Bard Bazar Park in Sambalpur - AMRUT/OD/Sambalpur/PR/07	0.08
55		Construction of Children Park at Hirakud in Sambalpur - AMRUT/OD/Sambalpur/PR/08	0.10
56		Development of Jagannath Madhir Park in Sambalpur - AMRUT/OD/Sambalpur/PR/09	0.12
57		Development of G.S Park in Sambalpur - AMRUT/OD/Sambalpur/PR/10	0.16
<b>Total</b>			<b>2.92</b>

## Projects of 5 Sectors Identified Under AMRUT for ROURKELA in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Rourkela - Rehabilitation P1, (AMRUT/OD/ROURKELA/WS/01)	10.94
2		Improvement of WS to Rourkela -Rehabilitation P2, (AMRUT/OD/ROURKELA/WS/02)	1.81
3		Improvement of WS to Rourkela -New Z1, (AMRUT/OD/ROURKELA/WS/03),( Ward Covered: 1-3)	26.76
4		Improvement of WS to Rourkela -New Z2, (AMRUT/OD/ROURKELA/WS/04), ( Ward Covered: 8)	14.78
5		Improvement of WS to Rourkela -New Z3, (AMRUT/OD/ROURKELA/WS/05), ( Ward Covered: 36)	8.99
6		Improvement of WS to Rourkela – Head works P1, (AMRUT/OD/ROURKELA/WS/06)	1.60
<b>Total</b>			<b>64.89</b>
7	Sewerage/ Septage	Sewerage System of Rourkela -Zone 3( Sewer network ) AMRUT/OD/ROURKELA/SG/01	279.99
8		Sewerage System of Rourkela -Zone 3 ( STP & Pumping Stations) AMRUT/OD/ROURKELA/SG/02	69.55
9		Sewerage System of Rourkela -Zone 4( Sewer network ) AMRUT/OD/ROURKELA/SG/03	51.28
10		Sewerage System of Rourkela -Zone 4 ( STP & Pumping Stations) AMRUT/OD/ROURKELA/SG/04	13.39
11		Sewerage System of Rourkela -Zone 5( Sewer network ) AMRUT/OD/ROURKELA/SG/05	14.83
12		Sewerage System of Rourkela -Zone 5 ( STP & Pumping Stations) AMRUT/OD/ROURKELA/SG/06	6.34
13		Septage Management & ID works for Rourkela, AMRUT/OD/ROURKELA/SG/07	2.46
<b>Total</b>			<b>437.84</b>
14	Storm Water Drainage	Augmentation of SWD in Rourkela town in zone-4, AMRUT/OD/ROURKELA/SWD/04, (Ward Covered: 5,6,9-12)	60.40
15		Augmentation of SWD in Rourkela town in zone-3, AMRUT/OD/ROURKELA/SWD/03, (Ward Covered: 16-23,26-32)	103.83
16		Augmentation of SWD in Rourkela town in zone-6, AMRUT/OD/ROURKELA/SWD/06,(Ward Covered: 1-3)	37.56
17		Augmentation of SWD in Rourkela town in zone-2, AMRUT/OD/ROURKELA/SWD/02, (Ward Covered: 24,25,33,38)	32.20
18		Augmentation of SWD in Rourkela town in zone-5, AMRUT/OD/ROURKELA/SWD/05, (Ward Covered: 4,13-15)	50.83
19		Augmentation of SWD in Rourkela town in zone-1, AMRUT/OD/ROURKELA/SWD/01,(Ward Covered: 34-37,39,40)	125.37
20		Augmentation of SWD in Rourkela town in zone-7, AMRUT/OD/ROURKELA/SWD/07,(Ward Covered: 7,8)	17.91
<b>Total</b>			<b>428.09</b>
21	Urban Transport	Construction of Street Parking (MLP) (AMRUT/OD/ROURKELA/UT/01)	10.80
22		Augmentation of City Bus fleet (AMRUT/OD/ROURKELA/UT/02)	20.00
23		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/ROURKELA/UT/03)	0.50
24		Construction of Non Motorised Transport facilities	10.00

## STATE ANNUAL ACTION PLAN - ODISHA

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
		(AMRUT/OD/ROURKELA/UT/04)	
25		Pilot Project - Pedestrianisation from Birsa Chowk to Abmedkar Chowk and Nala Road (Parallel Road), (AMRUT/OD/ROURKELA/UT/05)	6.00
26		Development of Transport Nagar, (AMRUT/OD/ROURKELA/UT/06)	30.00
27		Construction of Bus Depots and Truck terminal (AMRUT/OD/ROURKELA/UT/07)	40.00
28		Construction of Foot Over Bridges, (AMRUT/OD/ROURKELA/UT/08)	3.00
29		Creation of ITS and Traffic Mgt. Centre (TMC) (AMRUT/OD/ROURKELA/UT/09)	10.00
<b>Total</b>			<b>130.3</b>
30	Parks	Construction of Park in Rourkela near Chhend colony, Kalinga Vihar LIG-80- AMRUT/OD/Rourkela/PR/01	0.34
31		Construction of Park in Rourkela near Chhend colony in front of LCR /65 - AMRUT/OD/Rourkela/PR/02	0.31
32		Construction of Park in Rourkela near at Jhartarang- AMRUT/OD/Rourkela/PR/03	0.48
33		Construction of Park in Rourkela near at Jagda - AMRUT/OD/Rourkela/PR/04	0.30
34		Construction of Park in Rourkela near Civil township V- Block at V/5 - AMRUT/OD/Rourkela/PR/05	0.30
35		Construction of Park in Rourkela near LL/1 to LL/7 & PF Office to Mangal Singh Road- AMRUT/OD/Rourkela/PR/06	0.29
36		Construction of Park in Rourkela near Chhend colony in front of Community centre- AMRUT/OD/Rourkela/PR/07	0.26
37		Construction of Park in Rourkela near in front of B block Civic Center, Koel nagar- AMRUT/OD/Rourkela/PR/08	0.26
38		Construction of Park in Rourkela near Civil township G and L- Block at G/11- AMRUT/OD/Rourkela/PR/09	0.23
39		Construction of Park in Rourkela near Civil township K- Block at K/13- AMRUT/OD/Rourkela/PR/10	0.22
40		Construction of Park in Rourkela near Koel nagar A-Block near A/527- AMRUT/OD/Rourkela/PR/11	0.22
41		Construction of Park in Rourkela near Chhend colony in front of LCR/449- AMRUT/OD/Rourkela/PR/12	0.21
42		Construction of Park in Rourkela near Chhend colony in front of L/91, - AMRUT/OD/Rourkela/PR/13	0.21
43		Construction of Park in Rourkela near Civil township J 4 and G 3 Block- AMRUT/OD/Rourkela/PR/14	0.20
44		Construction of Park in Rourkela near Civil township KK Block at KK/42- AMRUT/OD/Rourkela/PR/15	0.20
45		Construction of Park in Rourkela near Play field at Civil township D-Block in front of Life line - AMRUT/OD/Rourkela/PR/16	0.20
46		Construction of Park in Rourkela near Chhend colony in front of L/91,- AMRUT/OD/Rourkela/PR/17	0.20
47		Construction of Park in Rourkela near Nabakrishna Nagar- AMRUT/OD/Rourkela/PR/18	0.19
48		Construction of Park in Rourkela near Chhendcolny, Kalinga Vihar MI-128- AMRUT/OD/Rourkela/PR/19	0.18

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
49		Construction of Park in Rourkela near Chhend colony, Kalinga Vihar near S 2 H / 62- AMRUT/OD/Rourkela/PR/20	0.18
50		Construction of Park in Rourkela near Civil township B 3 and CC Block- AMRUT/OD/Rourkela/PR/21	0.17
51		Construction of Park in Rourkela near Koelnagar C-Block near C/410- AMRUT/OD/Rourkela/PR/22	0.16
52		Construction of Park in Rourkela near Koelnagar D-Block near D/242- AMRUT/OD/Rourkela/PR/23	0.16
53		Construction of Park in Rourkela near Koelnagar B-Block near B/406- AMRUT/OD/Rourkela/PR/24	0.15
54		Construction of Park in Rourkela near Basanti colony near DL-School- AMRUT/OD/Rourkela/PR/25	0.15
55		Construction of Park in Rourkela near Civil township T 3 and T4 Block- AMRUT/OD/Rourkela/PR/26	0.15
56		Construction of Park in Rourkela near Chhend colony in front of HIG 310,312- AMRUT/OD/Rourkela/PR/27	0.15
57		Construction of Park in Rourkela near Chhend colony in front of HIG 323,324- AMRUT/OD/Rourkela/PR/28	0.15
58		Construction of Park in Rourkela near Chhend colony in front of MIG -248,250,252- AMRUT/OD/Rourkela/PR/29	0.15
59		Construction of Park in Rourkela near Chhend colony, Kalinga Vihar L 2/244- AMRUT/OD/Rourkela/PR/30	0.15
60		Construction of Park in Rourkela near Chhend colony in front of plot No .L-81- AMRUT/OD/Rourkela/PR/31	0.14
61		Construction of Park in Rourkela near Civil township N 3 and M3 Block- AMRUT/OD/Rourkela/PR/32	0.13
62		Construction of Park in Rourkela near Chhend colony, Kalinga Vihar LIG/49- AMRUT/OD/Rourkela/PR/33	0.13
63		Construction of Park in Rourkela near Koelnagar B-Block near B/344- AMRUT/OD/Rourkela/PR/34	0.13
64		Construction of Park in Rourkela near jagda in front of CWS Hospital- AMRUT/OD/Rourkela/PR/35	0.13
65		Construction of Park in Rourkela near in jagda in front of Radio Station, Jagda- AMRUT/OD/Rourkela/PR/36	0.12
66		Construction of Park in Rourkela near in Gopapalli- AMRUT/OD/Rourkela/PR/37	0.12
67		Construction of Park in Rourkela near Basanti colony near CE/22- AMRUT/OD/Rourkela/PR/38	0.12
68		Construction of Park in Rourkela near Civil township XX and YY Block- AMRUT/OD/Rourkela/PR/39	0.12
69		Construction of Park in Rourkela near Basanti colony FL/174- AMRUT/OD/Rourkela/PR/40	0.12
70		Construction of Park in Rourkela near Koelnagar B-Block near B/30- AMRUT/OD/Rourkela/PR/41	0.11
71		Construction of Park in Rourkela near Chhendcolny, Kalinga Vihar near M-21- AMRUT/OD/Rourkela/PR/42	0.11
72		Construction of Park in Rourkela near Basanti colony FL/52- AMRUT/OD/Rourkela/PR/43	0.11
73		Construction of Park in Rourkela near Basanti colony near BL/35,BL/36 and BL/37 front- AMRUT/OD/Rourkela/PR/44	0.10
74		Construction of Park in Rourkela near Koelnagar C-Block near C/718- AMRUT/OD/Rourkela/PR/45	0.10
75		Construction of Park in Rourkela near Chhendcolny ,Kalinga Vigar MI/54- AMRUT/OD/Rourkela/PR/46	0.10

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
76		Construction of Park in Rourkela near Civil township NN and OO Block- AMRUT/OD/Rourkela/PR/47	0.10
77		Construction of Park in Rourkela near Civil township P- Block at P/4- AMRUT/OD/Rourkela/PR/48	0.10
78		Construction of Park in Rourkela near Basanti colony near BM/54 and BL/213- AMRUT/OD/Rourkela/PR/49	0.10
79		Construction of Park in Rourkela near Koel nagar D-Block near D/117- AMRUT/OD/Rourkela/PR/50	0.10
80		Construction of Park in Rourkela near Koel nagar D-Block near D/81- AMRUT/OD/Rourkela/PR/51	0.10
81		Construction of Park in Rourkela near Koel nagar D-Block near D/99- AMRUT/OD/Rourkela/PR/52	0.10
82		Construction of Park in Rourkela near Koel nagar D-Block near D/348- AMRUT/OD/Rourkela/PR/53	0.10
83		Construction of Park in Rourkela near Koel nagar D-Block near D/130- AMRUT/OD/Rourkela/PR/54	0.10
84		Construction of Park in Rourkela near Koel nagar D-Block near D/238- AMRUT/OD/Rourkela/PR/55	0.10
85		Construction of Park in Rourkela near Chhend colony in front of plot No E/70- AMRUT/OD/Rourkela/PR/56	0.10
86		Construction of Park in Rourkela near open space/Govt. land in Nbakrushna nagar- AMRUT/OD/Rourkela/PR/57	0.09
87		Construction of Park in Rourkela near Basanti colony near L/37 to L/44 front- AMRUT/OD/Rourkela/PR/58	0.09
88		Construction of Park in Rourkela near Chhend colony in front of LCR /40- AMRUT/OD/Rourkela/PR/59	0.09
89		Construction of Park in Rourkela near Chhendcolny ,Kalinga Vigar L 2/165,180- AMRUT/OD/Rourkela/PR/60	0.09
90		Construction of Park in Rourkela near Civil township B 4 and A4 Block- AMRUT/OD/Rourkela/PR/61	0.09
91		Construction of Park in Rourkela near Basanti colony near BE/20- AMRUT/OD/Rourkela/PR/62	0.09
92		Construction of Park in Rourkela near Chhendcolny in front of L/180 , Siva temple- AMRUT/OD/Rourkela/PR/63	0.09
93		Construction of Park in Rourkela near Koelnagar C-Block near C/319- AMRUT/OD/Rourkela/PR/64	0.08
94		Construction of Park in Rourkela near Koelnagar C-Block near C/235- AMRUT/OD/Rourkela/PR/65	0.08
95		Construction of Park in Rourkela near Basanti colony near EL/84- AMRUT/OD/Rourkela/PR/66	0.08
96		Construction of Park in Rourkela near Koelnagar C-Block near C/688- AMRUT/OD/Rourkela/PR/67	0.08
97		Construction of Park in Rourkela near Civil township U and T- Block at U/9- AMRUT/OD/Rourkela/PR/68	0.08
98		Construction of Park in Rourkela near Basanti colony FL/195- AMRUT/OD/Rourkela/PR/69	0.08
99		Construction of Park in Rourkela near Basanti colony near M/61- AMRUT/OD/Rourkela/PR/70	0.08
100		Construction of Park in Rourkela near Koelnagar C-Block near C/32 & C/39- AMRUT/OD/Rourkela/PR/71	0.07
101		Construction of Park in Rourkela near Koelnagar B-Block near B/59&60- AMRUT/OD/Rourkela/PR/72	0.07
102		Construction of Park in Rourkela near Basanti colony near CL/34- AMRUT/OD/Rourkela/PR/73	0.07

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
103		Construction of Park in Rourkela near Chhendcolny in front of L/167- AMRUT/OD/Rourkela/PR/74	0.06
104		Construction of Park in Rourkela near Basanti colony near DL-269 - AMRUT/OD/Rourkela/PR/75	0.06
105		Construction of Park in Rourkela near Basanti colony FL/289- AMRUT/OD/Rourkela/PR/76	0.05
106		Construction of Park in Rourkela near Chhendcolny in front of LCR/ 506- AMRUT/OD/Rourkela/PR/77	0.05
107		Construction of Park in Rourkela near Basanti colony FL/284- AMRUT/OD/Rourkela/PR/78	0.05
108		Construction of Park in Rourkela near Koelnagar D-Block near D/134- AMRUT/OD/Rourkela/PR/79	0.05
109		Construction of Park in Rourkela near Koelnagar B-Block near B/110- AMRUT/OD/Rourkela/PR/80	0.05
110		Construction of Park in Rourkela near Basanti colony L-Block- AMRUT/OD/Rourkela/PR/81	0.05
111		Construction of Park in Rourkela near Basanti colony EL /43- AMRUT/OD/Rourkela/PR/82	0.05
112		Development of Uditnagar park in front of S.P. Office- AMRUT/OD/Rourkela/PR/83	0.04
113		Construction of Park in Rourkela near Civil township O- Block at O&EEE/6- AMRUT/OD/Rourkela/PR/84	0.04
114		Construction of Park in Rourkela near Basanti colony near E/18- AMRUT/OD/Rourkela/PR/85	0.04
115		Construction of Park in Rourkela near Koelnagar D-Block near D/240- AMRUT/OD/Rourkela/PR/86	0.04
116		Construction of Park in Rourkela near Koelnagar D-Block near D/30- AMRUT/OD/Rourkela/PR/87	0.03
117		Construction of Park in Rourkela near Koelnagar D-Block near D/280- AMRUT/OD/Rourkela/PR/88	0.03
118		Construction of Park in Rourkela near Koelnagar B-Block near B/220- AMRUT/OD/Rourkela/PR/89	0.03
119		Construction of Park in Rourkela near Chhendcolny in front of LCR/285- AMRUT/OD/Rourkela/PR/90	0.03
120		Construction of Park in Rourkela near Basanti colony near EM/24 - AMRUT/OD/Rourkela/PR/91	0.03
121		Construction of Park in Rourkela near Koelnagar C-Block near C/76- AMRUT/OD/Rourkela/PR/92	0.02
122		Construction of Park in Rourkela near Koelnagar C-Block near C/540- AMRUT/OD/Rourkela/PR/93	0.02
123		Construction of Park in Rourkela near Koelnagar B-Block near B/320- AMRUT/OD/Rourkela/PR/94	0.02
124		Construction of Park in Rourkela near Chhend colony side of MICR- 13- AMRUT/OD/Rourkela/PR/95	0.02
125		Construction of Park in Rourkela near Koelnagar C-Block near C/22- AMRUT/OD/Rourkela/PR/96	0.01
<b>Total</b>			<b>11.61</b>

## Projects of 5 Sectors Identified Under AMRUT for BHADRAK in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Bhadrak -Rehabilitation P1, (AMRUT/OD/BHADRAK/WS/01)	6.12
2		Improvement of WS to Bhadrak -New Z1, (AMRUT/OD/BHADRAK/WS/05), (Ward Covered: 8-13)	11.59
3		Improvement of WS to Bhadrak -New Z2, (AMRUT/OD/BHADRAK/WS/06), (Ward Covered:6,7,14-20)	20.26
4		Improvement of WS to Bhadrak -New Z3, (AMRUT/OD/BHADRAK/WS/07), (Ward Covered:21-30)	27.38
5		Improvement of WS to Bhadrak -New Z4, (AMRUT/OD/BHADRAK/WS/08), (Ward Covered:1-5)	10.60
6		Improvement of WS to Bhadrak – Head works P1, (AMRUT/OD/BHADRAK/WS/03)	2.52
7		Improvement of WS to Bhadrak – Head works P2, (AMRUT/OD/BHADRAK/WS/04)	23.69
8		Improvement of WS to Bhadrak – Head works P3, (AMRUT/OD/BHADRAK/WS/02)	5.00
<b>Total</b>			<b>107.16</b>
10	Sewerage/ Septage	Sewerage System for BHADRAK , Zone 1 – Sewer network ,AMRUT/OD/BHADRAK /SG/01	55.91
11		Sewerage System for BHADRAK, Zone 1 – STP & Pumping Stations. AMRUT/OD/BHADRAK /SG/02	12.21
12		Sewerage System for BHADRAK, Zone 2 – Sewer network AMRUT/OD/BHADRAK /SG/03	127.89
13		Sewerage System for BHADRAK, Zone 2– STP & Pumping Stations. AMRUT/OD/BHADRAK /SG/04	22.55
14		Septage Management for BHADRAK, AMRUT /OD/ BHADRAK / SG/05	3.35
<b>Total</b>			<b>221.91</b>
15	Storm Water Drainage	Augmentation of SWD in Bhadrak town in zone 4, AMRUT/OD/BHADRAK/SWD/04,(Ward Covered:14,17-24)	72.15
16		Augmentation of SWD in Bhadrak town in zone 2, AMRUT/OD/BHADRAK/SWD/02, (Ward Covered:6,7,15,16)	27.23
17		Augmentation of SWD in Bhadrak town in zone 5, AMRUT/OD/BHADRAK/SWD/05, (Ward Covered:25-30)	54.35
18		Augmentation of SWD in Bhadrak town in zone 3, AMRUT/OD/BHADRAK/SWD/03, (Ward Covered:8-13)	35.92
19		Augmentation of SWD in Bhadrak town in zone 1, AMRUT/OD/BHADRAK/SWD/01, (Ward Covered:1-5)	87.61
<b>Total</b>			<b>277.26</b>
20	Urban Transport	Construction of Street Parking (AMRUT/OD/BHADRAK/UT/01)	0.50
21		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/BHADRAK/UT/02)	0.50

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
22		Augmentation of City Bus fleet, (AMRUT/OD/BHADRAK/UT/03)	10.00
23		Construction of Cycle parking near Bus Stand (AMRUT/OD/BHADRAK/UT/04)	0.30
24		Upgradation of Bus Depots, (AMRUT/OD/BHADRAK/UT/05)	0.50
25		Development of Transport Nagar, (AMRUT/OD/BHADRAK/UT/06)	10.00
26		Construction of Foot Over Bridges, (AMRUT/OD/BHADRAK/UT/07)	3.00
27		Construction of Non Motorised Transport facilities (Footpaths & Cycle Tracks & Cycle Parking), (AMRUT/OD/BHADRAK/UT/08)	6.00
<b>Total</b>			<b>30.8</b>
28	<b>Parks</b>	Construction of Park in Bhadrak near Revenue Village, Baralpokhari - AMRUT/OD/Bhadrak/PR/01	0.39
29		Construction of Park in Bhadrak near Garadapur - AMRUT/OD/Bhadrak/PR/02	0.25
30		Construction of Park in Bhadrak near to salandi River - AMRUT/OD/Bhadrak/PR/03	0.44
31		Construction of Park in Bhadrak near to Dakshineshwar Kali Mandhir - AMRUT/OD/Bhadrak/PR/04	0.47
32		Construction of Park in Bhadrak near Mirzapur (Bidyadhar Adi) - AMRUT/OD/Bhadrak/PR/05	0.43
<b>Total</b>			<b>1.98</b>



## Projects of 5 Sectors Identified Under AMRUT for BALASORE in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Balasore -Rehabilitation P1, (AMRUT/OD/BALASORE/WS/01)	8.37
2		Improvement of WS to Balasore -Rehabilitation P2, (AMRUT/OD/BALASORE/WS/02)	4.51
3		Improvement of WS to Balasore -Rehabilitation P3, (AMRUT/OD/BALASORE/WS/03)	4.51
4		Improvement of WS to Balasore -Rehabilitation P4, (AMRUT/OD/BALASORE/WS/04)	4.51
5		Improvement of WS to Balasore -Rehabilitation P5, (AMRUT/OD/BALASORE/WS/05)	4.51
6		Improvement of WS to Balasore - New Z1, (AMRUT/OD/BALASORE/WS/06) (Ward Covered: 20-23,31)	13.10
7		Improvement of WS to Balasore - New Z2, (AMRUT/OD/BALASORE/WS/07), (Ward Covered:18,28-30)	13.73
8		Improvement of WS to Balasore - New Z3, (AMRUT/OD/BALASORE/WS/08), (Ward Covered:8-10,15,17,19)	13.86
9		Improvement of WS to Balasore - New Z4, (AMRUT/OD/BALASORE/WS/09), (Ward Covered:16,24-27)	9.24
10		Improvement of WS to Balasore -New Z5, (AMRUT/OD/BALASORE/WS/10), (Ward Covered:7,11-14)	13.14
11		Improvement of WS to Balasore - New Z6, (AMRUT/OD/BALASORE/WS/011), (Ward Covered:1-6)	25.10
12		Improvement of WS to Balasore – Head works P1, (AMRUT/OD/BALASORE/WS/012)	19.46
13		Improvement of WS to Balasore – Head works P2, (AMRUT/OD/BALASORE/WS/013)	23.88
14		Improvement of WS to Balasore – Head works P3, (AMRUT/OD/BALASORE/WS/014)	5.00
15		Improvement of WS to Balasore - Automation P1, (AMRUT/OD/BALASORE/WS/015)	5.50
<b>Total</b>			<b>168.44</b>
16	Sewerage/ Septage	Sewerage System for Balasore, Zone 1 – Sewer network ,AMRUT/OD/BALASORE /SG/01	250.80
17		Sewerage System for Balasore, Zone 1 – STP & Pumping Stations. AMRUT/OD/BALASORE /SG/02	24.14
18		Sewerage System for Balasore, Zone 2 – Sewer network AMRUT/OD/BALASORE /SG/03	261.38
19		Sewerage System for Balasore, Zone 2– STP & Pumping Stations. AMRUT/OD/BALASORE /SG/04	29.03
20		Septage Management & ID works for Balasore, AMRUT/OD/BALASORE /SG/05	0.89
<b>Total</b>			<b>566.24</b>
21	Storm Water Drainage	Augmentation of SWD in Balasore town in zone 4, AMRUT/OD/BALASORE/SWD/04, (Ward Covered:7,11-14,24-27)	70.80

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
22		Augmentation of SWD in Balasore town in Zone-2, AMRUT/OD/BALASORE/SWD/02(Ward Covered:18,22,23,28,30,31)	67.29
23		Augmentation of SWD in Balasore town in Zone-5, AMRUT/OD/BALASORE/SWD/05, (Ward Covered:1,2,4,6)	55.68
24		Augmentation of SWD in Balasore town in Zone-1, AMRUT/OD/BALASORE/SWD/01, (Ward Covered:10,19-21)	106.92
25		Augmentation of SWD in Balasore town in Zone-3, AMRUT/OD/BALASORE/SWD/03, (Ward Covered:8,9,15-17,29)	45.50
26		Augmentation of SWD in Balasore town in Zone-6, AMRUT/OD/BALASORE/SWD/06, (Ward Covered:3-5)	22.65
<b>Total</b>			<b>368.83</b>
27	<b>Urban Transport</b>	Construction of Street Parking (AMRUT/OD/BALASORE/UT/01)	25.00
28		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/BALASORE/UT/02)	0.50
29		Augmentation of City Bus fleet (AMRUT/OD/BALASORE/UT/03)	10.00
30		Pilot Project - Pedestrianisation (AMRUT/OD/BALASORE/UT/04)	1.50
31		Construction of Bus Depots/Truck terminal (AMRUT/OD/BALASORE/UT/05)	7.00
32		Development of Transport Nagar (AMRUT/OD/BALASORE/UT/06)	10.00
33		Construction of Foot Over Bridges (AMRUT/OD/BALASORE/UT/07)	3.00
<b>Total</b>			<b>57.00</b>
34	<b>Parks</b>	Construction Park In front of Balangi College, Badkhua in Balasore - AMRUT/OD/Balasore/PR/01	1.20
35		Construction of Digrohnia Pond Side Park in Balasore - AMRUT/OD/Balasore/PR/02	0.40
36		Construction of Kalyan Nagar Park at Angargadia in Balasore - AMRUT/OD/Balasore/PR/03	0.24
37		Construction of park in Balasore at Sovarampur - AMRUT/OD/Balasore/PR/04	0.20
38		Construction of park in Balasore near Chandmari Padia - AMRUT/OD/Balasore/PR/05	0.20
39		Construction of Shantikanan Park in Balasore - AMRUT/OD/Balasore/PR/06	2.00
<b>Total</b>			<b>4.25</b>

## Projects of 5 Sectors Identified Under AMRUT for Baripada in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of W/S to Baripada- Rehab-R1 (metering), (AMRUT/OD/BRIPADA/WS/01)	8.96
<b>Total</b>			<b>8.96</b>
2	Sewerage/ Septage	Sewerage System for Baripada , Zone 1 – Sewer network, AMRUT/OD/Baripada /SG/01	59.7
3		Sewerage System for Baripada, Zone 1 – STP & Pumping Stations. AMRUT/OD/Baripada /SG/02	13.23
4		Sewerage System for Baripada, Zone 2 – Sewer network, AMRUT/OD/Baripada /SG/03	186.15
5		Sewerage System for Baripada, Zone 2– STP & Pumping Stations. AMRUT/OD/Baripada /SG/04	30.52
6		Septage Management & ID works for Baripada AMRUT/OD/Baripada /SG/05	1.83
<b>Total</b>			<b>291.43</b>
7	Storm Water Drainage	Augmentation of SWD in Baripada town in zone 3 , AMRUT/OD/BARIPADA/SWD/03, (Ward Covered:6-9,20)	19.19
8		Augmentation of SWD in Baripada town in zone-2 , AMRUT/OD/BARIPADA/SWD/02, (Ward Covered:1,2,5,18,26)	22.49
9		Augmentation of SWD In Baripada town in zone-4, AMRUT/OD/BARIPADA/SWD/04, (Ward Covered:3,4,10,14-17,19,23)	45.48
10		Augmentation of SWD in Baripada town in Zone-1, AMRUT/OD/BARIPADA/SWD/01, (Ward Covered:11-13,24,25,28)	108.88
11		Augmentation of SWD in Baripada town in Zone- 5,AMRUT/OD/BARIPADA/SWD/05, (Ward Covered:21,22,27)	22.56
<b>Total</b>			<b>218.58</b>
12	Urban Transport	Construction of Multilevel Parking at Market Area (AMRUT/OD/BARIPADA/UT/01)	5.00
13		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/BARIPADA/UT/02)	0.50
14		Construction of pedestrian pathways and dividers, street furniture (AMRUT/OD/BARIPADA/UT/03)	6.00
15		Construction of cycle tracks along major roads (AMRUT/OD/BARIPADA/UT/04)	4.00
16		Construction of Truck terminal with basic infrastructure facilities (AMRUT/OD/BARIPADA/UT/05)	10.00
17		Augmentation of City Bus fleet - Rainrangpur-Baripada-Udala etc. (AMRUT/OD/BARIPADA/UT/06)	10.00
18		Introduction of Eco-friendly mode of transport (AMRUT/OD/BARIPADA/UT/07)	0.50

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
19		Construction of Foot Over Bridges (AMRUT/OD/BARIPADA/UT/08)	3.00
20		Construction of Inter-state Bus terminus with modern amenities near Dargadi, (AMRUT/OD/BARIPADA/UT/09)	20.00
<b>Total</b>			<b>59.00</b>
21	<b>Parks</b>	Construction of Park in Baripada near thakurani sahi up school - AMRUT/OD/Baripada/PR/01	0.35
22		Construction of Park in Baripada near buguda kota - AMRUT/OD/Baripada/PR/02	0.15
23		Construction of Park in Baripada near Sripada Gonja park - AMRUT/OD/Baripada/PR/03	4.21
24		Construction of Park in Baripada near suna muni bagdia - AMRUT/OD/Baripada/PR/04	1.94
25		Construction of Park in Baripada near near jotisadv nivas - AMRUT/OD/Baripada/PR/05	0.67
26		Construction of Park in Baripada near Near police staff quarters - AMRUT/OD/Baripada/PR/06	0.35
27		Construction of Park in Baripada near colony sahi up school - AMRUT/OD/Baripada/PR/07	4.36
<b>Total</b>			<b>12.03</b>

## Projects of 5 Sectors Identified Under AMRUT for PURI in SLIP

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
1	Water Supply	Improvement of WS to Puri -Rehabilitation P1 (existing consumer metering), (AMRUT/OD/PURI/WS/01)	9.19
2		Improvement of WS to Puri -New P1 (Clear water missing link), (AMRUT/OD/PURI/WS/02)	2.71
3		Improvement of WS to Puri -New P3 (Power), (AMRUT/OD/PURI/WS/04)	2.00
4		Improvement of WS to Puri -New P4 (DG set), (AMRUT/OD/PURI/WS/05)	2.00
5		Improvement of WS to Puri -New P5 (Ground water Recharge), (AMRUT/OD/PURI/WS/06)	13.00
6		Improvement of WS to Puri -New P6 (New House connection), (AMRUT/OD/PURI/WS/07)	15.65
<b>Total</b>			<b>44.54</b>
7	Sewerage/ Septage	Sewerage System for Puri , Zone 1 – Sewer network, AMRUT/OD/ Puri /SG/01	275.49
8		Sewerage System of Puri -Zone 1( STP & Pumping Stations) AMRUT/OD/ PURI /SG/02	30.45
9		Septage Management for PURI AMRUT/OD/ Puri /SG/03	2.46
<b>Total</b>			<b>308.40</b>
10	Storm Water Drainage	Augmentation of SWD and renovation of Musa River in Puri town in zone 1, AMRUT/OD/PURI/SWD/01,(Ward Covered:2,3,16,17,21,22,29,30)	49.43
11		Augmentation of SWD in Puri town in zone 3, AMRUT/OD/PURI/SWD/03, (Ward Covered:14,15,18-20)	19.72
12		Augmentation of SWD in Puri town in zone 5, AMRUT/OD/PURI/SWD/05, (Ward Covered:1,4-6)	29.41
13		Augmentation of SWD in Puri town in zone 4, AMRUT/OD/PURI/SWD/04, (Ward Covered:23-28)	48.76
14		Augmentation of SWD in Puri town in zone 2, AMRUT/OD/PURI/SWD/02, (Ward Covered:7-13)	42.27
15		Augmentation of SWD in Puri town in zone 6, AMRUT/OD/PURI/SWD/06, (Ward Covered:31,32)	26.19
<b>Total</b>			<b>215.78</b>
16	Urban Transport	Construction & Renovation of Street Parking (AMRUT/OD/PURI/UT/01)	1.08
17		Augmentation of City Bus fleet (AMRUT/OD/PURI/UT/02)	5.00
18		Preparation of DPR on City Mobility Plan (CMP) (AMRUT/OD/PURI/UT/03)	0.50
19		Construction of Footpaths (AMRUT/OD/PURI/UT/04)	3.17
20		Construction of Multi-level Parking (AMRUT/OD/PURI/UT/05)	2.50

SN	Sector	Name of Projects	Estimated Project Cost in Cr.
21		Pilot Project - Pedestrianisation of Temple Road (AMRUT/OD/PURI/UT/06)	10
22		Construction of Foot over Bridges (AMRUT/OD/PURI/UT/07)	2.00
23		Renovation of Bus Depots (AMRUT/OD/PURI/UT/08)	0.20
<b>Total</b>			<b>24.45</b>
24	<b>Parks</b>	Development of Sarvodaya Park in Puri - AMRUT/OD/Puri/PR/01	0.24
25		Development of Dhipajaga Park in Puri - AMRUT/OD/Puri/PR/02	0.20
26		Construction of Park in Puri at SRIKHATRA COLONY - AMRUT/OD/Puri/PR/03	0.22
27		Construction of HALUASIA PARK in Puri - AMRUT/OD/Puri/PR/04	0.27
28		Development of Gandhi Park in Puri - AMRUT/OD/Puri/PR/05	0.51
29		Construction of Park in Puri MANGALAGHAT - AMRUT/OD/Puri/PR/06	0.44
30		Construction of Park in Puri AT ATHARANALA - AMRUT/OD/Puri/PR/07	0.44
<b>Total</b>			<b>2.32</b>

## List of Projects taken under SAAP 2015-16

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
1	Bhadrak	Improvement of WS to Bhadrak -Rehabilitation P1 (AMRUT/OD/BHADRAK/WS/01)	6.12
2	Balesore	Improvement of WS to Balasore -Rehabilitation P1 (AMRUT/OD/BALASORE/WS/01)	8.37
3	Balesore	Improvement of WS to Balasore -Rehabilitation P2 (AMRUT/OD/BALASORE/WS/02)	4.51
4	Balesore	Improvement of WS to Balasore -Rehabilitation P3 (AMRUT/OD/BALASORE/WS/03)	4.51
5	Balesore	Improvement of WS to Balasore -Rehabilitation P4 (AMRUT/OD/BALASORE/WS/04)	4.51
6	Balesore	Improvement of WS to Balasore -Rehabilitation P5 (AMRUT/OD/BALASORE/WS/05)	4.51
7	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab-R6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/06)	18.07
8	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab-R7 (PALASUNI) (AMRUT/OD/BHUBANESWAR/WS/07)	1.20
9	Rourkela	Improvement of WS to Rourkela -Rehabilitation P1 (AMRUT/OD/ROURKELA/WS/01)	10.94
10	Rourkela	Improvement of WS to Rourkela -Rehabilitation P2 (AMRUT/OD/ROURKELA/WS/02)	1.81
11	Cuttack	Improvement of WS to Cuttack -Rehabilitation P1 (AMRUT/OD/CUTTACK/WS/01)	2.92
12	Cuttack	Improvement of WS to Cuttack -Rehabilitation P2 (AMRUT/OD/CUTTACK/WS/02)	3.62
13	Cuttack	Improvement of WS to Cuttack -Rehabilitation P3 (AMRUT/OD/CUTTACK/WS/03)	3.46
14	Cuttack	Improvement of WS to Cuttack -Rehabilitation P4 (AMRUT/OD/CUTTACK/WS/04)	3.60
15	Cuttack	Improvement of WS to Cuttack -Rehabilitation P5 (AMRUT/OD/CUTTACK/WS/05)	3.61
16	Cuttack	Improvement of WS to Cuttack -Rehabilitation P6 (AMRUT/OD/CUTTACK/WS/06)	3.58
17	Cuttack	Improvement of WS to Cuttack -Rehabilitation P7 (AMRUT/OD/CUTTACK/WS/07)	3.59
18	Cuttack	Improvement of WS to Cuttack -Rehabilitation P8 (AMRUT/OD/CUTTACK/WS/08)	3.68
19	Cuttack	Improvement of WS to Cuttack -Rehabilitation P9 (AMRUT/OD/CUTTACK/WS/9)	3.53
20	Cuttack	Improvement of WS to Cuttack -Rehabilitation P10 (AMRUT/OD/CUTTACK/WS/10)	3.33

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
21	Cuttack	Improvement of WS to Cuttack -Rehabilitation P11 (AMRUT/OD/CUTTACK/WS/11)	3.86
22	Cuttack	Improvement of WS to Cuttack -Rehabilitation P12 (AMRUT/OD/CUTTACK/WS/12)	37.63
23	Sambalpur	Improvement of WS to Sambalpur -Rehabilitation P1 (AMRUT/OD/SAMBALPUR/WS/01)	6.61
24	Sambalpur	Improvement of WS to Sambalpur -Rehabilitation P2 (AMRUT/OD/SAMBALPUR/WS/02)	8.33
25	Sambalpur	Improvement of WS to Sambalpur -Rehabilitation P3 (AMRUT/OD/SAMBALPUR/WS/03)	2.14
26	Sambalpur	Improvement of WS to Sambalpur -Rehabilitation P4(AMRUT/OD/SAMBALPUR/WS/04)	13.56
27	Puri	Improvement of WS to Puri -Rehabilitation P1 (existing consumer metering) (AMRUT/OD/PURI/WS/01)	9.19
28	Puri	Improvement of WS to Puri -New P1 (Clear water missing link) (AMRUT/OD/PURI/WS/02)	2.71
29	Berhampur	Improvement of WS to Berhampur -Rehabilitation P1 (AMRUT/OD/BERHAMPUR/WS/01)	20.50
30	Berhampur	Improvement of WS to Berhampur -Rehabilitation P2 (AMRUT/OD/BERHAMPUR/WS/02)	15.76
31	Berhampur	Improvement of WS to Berhampur -Rehabilitation P3 (AMRUT/OD/BERHAMPUR/WS/03)	11.93
32	Berhampur	Improvement of WS to Berhampur -Rehabilitation P4 (AMRUT/OD/BERHAMPUR/WS/04)	6.56
33	Baripada	Improvement of W/S to Baripada- Rehab-R1 (metering) (AMRUT/OD/BARIPADA/WS/01)	8.96
34	Bhadrak	Septage Management for BHADRAK AMRUT / OD / BHADRAK / SG/05	3.35
35	Balesore	Septage Management & ID works for Balasore AMRUT/OD/BALASORE /SG/05	0.89
36	Bhubaneswar	Septage Management for Bhubaneswar AMRUT/OD/Bhubaneswar/SG/07	4.95
37	Rourkela	Septage Management & ID works for Rourkela AMRUT/OD/ROURKELA/SG/07	2.46
38	Cuttack	Septage Management for CUTTACK AMRUT/OD/CUTTACK /SG/02	1.86
39	Cuttack	Septage Management for CUTTACK AMRUT/OD/CUTTACK /SG/03	1.94
40	Cuttack	Septage Management for CUTTACK AMRUT/OD/CUTTACK /SG/04	3.37
41	Sambalpur	Septage Management for SAMBALPUR AMRUT/OD/SAMBALPUR /SG/07	5.37



Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
42	Sambalpur	ID work for river pollution abatement AMRUT/OD/SAMBALPUR /SG/07	22.00
43	Puri	Septage Management for PURI AMRUT/OD/ Puri /SG/03	2.46
44	Berhampur	Septage Management for BERHAMPUR AMRUT/OD/BERHAMPUR /SG/07	2.38
45	Baripada	Septage Management & ID works for Baripada AMRUT/OD/Baripada /SG/05	1.83
46	Bhadrak	Improvement of WS to Bhadrak – Head works P1 (AMRUT/OD/BHADRAK/WS/03)	2.52
47	Bhadrak	Improvement of WS to Bhadrak – Head works P2 (AMRUT/OD/BHADRAK/WS/04)	23.69
48	Bhadrak	Improvement of WS to Bhadrak – Head works P3 (AMRUT/OD/BHADRAK/WS/02)	5.00
49	Puri	Improvement of WS to Puri -New P4 (Ground water Recharge) (AMRUT/OD/PURI/WS/05)	13.00
50	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM1 (HLT) (AMRUT/OD/BHUBANESWAR/WS/10)	2.93
51	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM2 (UNIT-IV) (AMRUT/OD/BHUBANESWAR/WS/11)	14.32
52	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM3 (UNIT-III) (AMRUT/OD/BHUBANESWAR/WS/12)	5.35
53	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/13)	21.48
54	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM5 (SAHIDNAGAR) (AMRUT/OD/BHUBANESWAR/WS/14)	10.90
55	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM6 (UNIT-IX) (AMRUT/OD/BHUBANESWAR/WS/15)	16.35
56	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM7 (RENT) (AMRUT/OD/BHUBANESWAR/WS/16)	0.13
57	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM8 (CSPUR) (AMRUT/OD/BHUBANESWAR/WS/17)	8.21
58	Bhubaneswar	Improvement of W/S to Bhubaneswar- Rehab. Metering-RM9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/18)	7.19
59	Balesore	Improvement of WS to Balasore – Head works P3 (AMRUT/OD/BALASORE/WS/014)	5.00
60	Balesore	Improvement of WS to Balasore - Automation P1, (AMRUT/OD/BALASORE/WS/015)	5.50
61	Rourkela	Improvement of WS to Rourkela -New Z3, (AMRUT/OD/ROURKELA/WS/05), ( Ward Covered: 36)	8.99
62	Rourkela	Improvement of WS to Rourkela – Head works P1 (AMRUT/OD/ROURKELA/WS/06)	1.60

12

17

W = 50  
S = 12  
P = 22

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
63	Bhadrak	Construction of Park in Bhadrak near Revenue Village, Baralpokhari - AMRUT/OD/Bhadrak/PR/01	0.39
64	Bhadrak	Construction of Park in Bhadrak near Garadapur - AMRUT/OD/Bhadrak/PR/02	0.25
65	Balesore	Construction Park In front of Balangi College, Badkhua in Balasore - AMRUT/OD/Balasore/PR/01	1.20
66	Bhubaneswar	Construction of Park in Bhubaneswar near Sailashree Vihar - AMRUT/OD/Bhubaneswar/PR/01	0.51
67	Bhubaneswar	Construction of Park in Bhubaneswar near Niladri Vihar Sector -5 - AMRUT/OD/Bhubaneswar/PR/02	0.32
68	Bhubaneswar	Construction of Park in Bhubaneswar near Dumduma OSHB - AMRUT/OD/Bhubaneswar/PR/03	0.06
69	Bhubaneswar	Construction of Park in Bhubaneswar near Kanan Vihar Ph 1 - AMRUT/OD/Bhubaneswar/PR/04	0.52
70	Rourkela	Construction of Park in Rourkela near Chhend colony, Kalinga Vihar LIG-80- AMRUT/OD/Rourkela/PR/01	0.34
71	Rourkela	Construction of Park in Rourkela near Chhend colony in front of LCR /65 - AMRUT/OD/Rourkela/PR/02	0.31
72	Cuttack	Construction of Park in Cuttack near Mouzainam Park - AMRUT/OD/Cuttack/PR/01	0.44
73	Cuttack	Development of Chandan Pokhari Park in Cuttack - AMRUT/OD/Cuttack/PR/02	0.84
74	Cuttack	Development of Akhaya Mohanty Park in Cuttack - AMRUT/OD/Cuttack/PR/04	0.33
75	Cuttack	Development of Biswanath Pandit Park in Cuttack - AMRUT/OD/Cuttack/PR/05	0.42
76	Sambalpur	Construction of Ram Sagar Park in Sambalpur - AMRUT/OD/Sambalpur/PR/01	1.35
77	Puri	Development OF SARVODAYA Park in Puri - AMRUT/OD/Puri/PR/01	0.24
78	Puri	Development OF DHIPAJAGA Park in Puri - AMRUT/OD/Puri/PR/02	0.20
79	Puri	Construction of Park in Puri at SRIKHATRA COLONY - AMRUT/OD/Puri/PR/03	0.22
80	Berhampur	Development of Indira Priyadarshini Park at Mochl street in Berhampur - AMRUT/OD/Berhampur/PR/01	0.26
81	Berhampur	Development of Biju Patnaik Park at Corporation Road in Berhampur - AMRUT/OD/Berhampur/PR/02	0.27
82	Berhampur	Development of Park at Dhonba Bandha Huda in Berhampur - AMRUT/OD/Berhampur/PR/03	0.28
83	Berhampur	Construction of Park at Baikunta Nagar in Berhampur - AMRUT/OD/Berhampur/PR/04	0.17
84	Baripada	Construction of Park in Baripada near buguda kota - AMRUT/OD/Baripada/PR/02	0.15
<b>Total</b>			<b>461.3</b>

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
85	Bhadrak	Improvement of WS to Bhadrak -New Z1, (AMRUT/OD/BHADRAK/WS/05), ( Ward Covered: 8-13)	11.59
86	Bhadrak	Improvement of WS to Bhadrak -New Z2, (AMRUT/OD/BHADRAK/WS/06), ( Ward Covered:6,7,14-20)	20.26
87	Bhadrak	Improvement of WS to Bhadrak -New Z3, (AMRUT/OD/BHADRAK/WS/07), ( Ward Covered:21-30)	27.38
88	Bhadrak	Improvement of WS to Bhadrak -New Z4, (AMRUT/OD/BHADRAK/WS/08), ( Ward Covered:1-5)	10.60
89	Balesore	Improvement of WS to Balasore -New Z1, (AMRUT/OD/BALASORE/WS/06) ( Ward Covered: 20-23,31)	13.10
90	Balesore	Improvement of WS to Balasore -New Z2, (AMRUT/OD/BALASORE/WS/07), ( Ward Covered:18,28-30)	13.73
91	Balesore	Improvement of WS to Balasore -New Z3, (AMRUT/OD/BALASORE/WS/08), ( Ward Covered:8-10,15,17,19)	13.86
92	Balesore	Improvement of WS to Balasore -New Z4, (AMRUT/OD/BALASORE/WS/09), ( Ward Covered:16,24-27)	9.24
93	Balesore	Improvement of WS to Balasore -New Z5, (AMRUT/OD/BALASORE/WS/10), ( Ward Covered:7,11-14)	13.14
94	Balesore	Improvement of WS to Balasore – Head works P1, (AMRUT/OD/BALASORE/WS/012)	19.46
95	Balesore	Improvement of WS to Balasore – Head works P2, (AMRUT/OD/BALASORE/WS/013)	23.88
96	Bhubaneswar	Improvement of W/S to Bhubaneswar- Coverage-Z4 (OLDTOWN) (AMRUT/OD/BHUBANESWAR/WS/22)	43.92
97	Bhubaneswar	Improvement of W/S to Bhubaneswar- Coverage-Z7 (RENT) (AMRUT/OD/BHUBANESWAR/WS/25)	28.46
98	Bhubaneswar	Improvement of W/S to Bhubaneswar- Coverage-Z9 (GHATIKIA) (AMRUT/OD/BHUBANESWAR/WS/27)	47.05
99	Bhubaneswar	Improvement of W/S to Bhubaneswar- HW -1 (RENT) (AMRUT/OD/BHUBANESWAR/WS/37)	15.13
100	Rourkela	Improvement of WS to Rourkela -New Z1, (AMRUT/OD/ROURKELA/WS/03),( Ward Covered: 1-3)	26.76
101	Rourkela	Improvement of WS to Rourkela -New Z2, (AMRUT/OD/ROURKELA/WS/04), ( Ward Covered: 8)	14.78
102	Cuttack	Improvement of WS to Cuttack -New Z1(Part A), (AMRUT/OD/CUTTACK/WS/13), ( Ward Covered: 1,2,7,8 )	4.72
103	Cuttack	Improvement of WS to Cuttack -New Z1(Part B), (AMRUT/OD/CUTTACK/WS/14), ( Ward Covered: 1,2,7,8 )	9.79
104	Cuttack	Improvement of WS to Cuttack -New Z2(Part A), (AMRUT/OD/CUTTACK/WS/15) ,( Ward Covered: 3-6 )	9.77
105	Cuttack	Improvement of WS to Cuttack -New Z3(Part A), (AMRUT/OD/CUTTACK/WS/18), ( Ward Covered: 9-16, 19)	3.71

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
106	Cuttack	Improvement of WS to Cuttack -New Z3(Part B), (AMRUT/OD/CUTTACK/WS/19) , ( Ward Covered: 9-16, 19)	14.81
107	Cuttack	Improvement of WS to Cuttack -New Z4(Part A), (AMRUT/OD/CUTTACK/WS/20),( Ward Covered: 11-14,20,21)	2.86
108	Cuttack	Improvement of WS to Cuttack -New Z4(Part B), (AMRUT/OD/CUTTACK/WS/21) ,( Ward Covered: 11-14,20,21)	15.78
109	Cuttack	Improvement of WS to Cuttack -New Z5(Part A), (AMRUT/OD/CUTTACK/WS/22) , ( Ward Covered: 17,18,22-25)	1.87
110	Cuttack	Improvement of WS to Cuttack -New Z5(Part B), (AMRUT/OD/CUTTACK/WS/23) , ( Ward Covered: 17,18,22-25)	16.60
111	Cuttack	Improvement of WS to Cuttack -New Z6(Part A), (AMRUT/OD/CUTTACK/WS/24) , ( Ward Covered: 24,26-30)	1.98
112	Cuttack	Improvement of WS to Cuttack -New Z6(Part B), (AMRUT/OD/CUTTACK/WS/25) , ( Ward Covered: 24,26-30)	15.28
113	Cuttack	Improvement of WS to Cuttack -New Z7(Part A), (AMRUT/OD/CUTTACK/WS/26) , ( Ward Covered:31,32,35)	1.39
114	Cuttack	Improvement of WS to Cuttack -New Z7(Part B), (AMRUT/OD/CUTTACK/WS/27) ( Ward Covered:31,32,35)	12.07
115	Cuttack	Improvement of WS to Cuttack -New Z8(Part A), (AMRUT/OD/CUTTACK/WS/28) ( Ward Covered:36,37,44,45)	2.14
116	Cuttack	Improvement of WS to Cuttack -New Z8(Part B), (AMRUT/OD/CUTTACK/WS/29) , ( Ward Covered:36,37,44,45)	9.16
117	Cuttack	Improvement of WS to Cuttack -New Z9(Part A), (AMRUT/OD/CUTTACK/WS/30) , ( Ward Covered:38-41,46)	2.18
118	Cuttack	Improvement of WS to Cuttack -New Z9(Part B), (AMRUT/OD/CUTTACK/WS/31) , ( Ward Covered:38-41,46)	12.36
119	Cuttack	Improvement of WS to Cuttack -New Z10(Part A), (AMRUT/OD/CUTTACK/WS/32) , ( Ward Covered:42,43,47)	1.97
120	Cuttack	Improvement of WS to Cuttack -New Z10(Part B), (AMRUT/OD/CUTTACK/WS/33) , ( Ward Covered:42,43,47)	6.79
121	Cuttack	Improvement of WS to Cuttack -New Z11, (AMRUT/OD/CUTTACK/WS/34) , ( Ward Covered:48,49)	29.57
122	Cuttack	Improvement of WS to Cuttack -New Z12(Part A), (AMRUT/OD/CUTTACK/WS/35) , ( Ward Covered: 50-53)	8.81
123	Cuttack	Improvement of WS to Cuttack -New Z12(Part B), (AMRUT/OD/CUTTACK/WS/36) , ( Ward Covered: 50-53)	9.64
124	Cuttack	Improvement of WS to Cuttack -New Z13(Part A), (AMRUT/OD/CUTTACK/WS/37) , ( Ward Covered: 54,55)	6.51
125	Cuttack	Improvement of WS to Cuttack -New Z13(Part B), (AMRUT/OD/CUTTACK/WS/38) , ( Ward Covered: 54,55)	6.80
126	Cuttack	Improvement of WS to Cuttack – Head works P1, (AMRUT/OD/CUTTACK/WS/41)	9.66

## STATE ANNUAL ACTION PLAN - ODISHA

Priority Number	Name of City	Project Name with Code	Estimated Cost in Cr.
127	Cuttack	Improvement of WS to Cuttack – Head works P2, (AMRUT/OD/CUTTACK/WS/42)	19.13
128	Sambalpur	Improvement of WS to Sambalpur -New Z6, (AMRUT/OD/SAMBALPUR/WS/10),(Ward Covered:13-15)	18.46
129	Sambalpur	Improvement of WS to Sambalpur -New Z7, (AMRUT/OD/SAMBALPUR/WS/11), ( Ward Covered:16-18)	11.07
130	Sambalpur	Improvement of WS to Sambalpur -New Z8, (AMRUT/OD/SAMBALPUR/WS/12), ( Ward Covered:19,21,27)	36.95
131	Sambalpur	Improvement of WS to Sambalpur -New Z9, (AMRUT/OD/SAMBALPUR/WS/13) ( Ward Covered:22,23)	3.30
132	Sambalpur	Improvement of WS to Sambalpur -New Z10, (AMRUT/OD/SAMBALPUR/WS/14),( Ward Covered:24-26)	13.12
133	Sambalpur	Improvement of WS to Sambalpur -New Z11, (AMRUT/OD/SAMBALPUR/WS/15), ( Ward Covered:31,32)	7.02
134	Sambalpur	Improvement of WS to Sambalpur -New Z13, (AMRUT/OD/SAMBALPUR/WS/17), ( Ward Covered:29,30,33)	21.45
135	Sambalpur	Improvement of WS to Sambalpur -New Z14, (AMRUT/OD/SAMBALPUR/WS/18) ,( Ward Covered:34,35)	8.23
136	Sambalpur	Improvement of WS to Sambalpur – Head works P3, (AMRUT/OD/SAMBALPUR/WS/24)	31.50
137	Baripada	Sewerage System for Baripada , Zone 1 – Sewer network, AMRUT/OD/Baripada /SG/01	59.70
138	Baripada	Sewerage System for Baripada, Zone 1 – STP & Pumping Stations. AMRUT/OD/Baripada /SG/02	13.23
139	Puri	Augmentation of SWD and renovation of Musa River in Puri town in zone 1 AMRUT/OD/PURI/SWD/01, (Ward Covered:2,3,16,17,21,22,29,30)	49.43
140	Cuttack	Development of Chahata Park in Cuttack - AMRUT/OD/Cuttack/PR/03	0.62
141	Cuttack	Development of Buruia Park in Cuttack - AMRUT/OD/Cuttack/PR/06	0.40
142	Baripada	Construction of Park in Baripada near Thakurani Sahi UP School - AMRUT/OD/Baripada/PR/01	0.35

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**ANNEXE - III**

**PHOTOGRAPHS OF CONSULTATIONS**

PHOTOGRAPHS OF CITY, STATE AND REGIONAL LEVEL CONSULTATIONS



Representation of Under Secretary, MoUD, Govt. of India, on preparation of SLIPs under AMRUT on 1<sup>st</sup> September, 2015



Presentation on Urban Transport and Planning by Shri J.K Kapoor, Town and Country Planner, TCPO



Officials of Chhattisgarh in Regional Level Workshop on preparation of SLIPs held on 1<sup>st</sup> September, 2015



State High Powered Steering Committee Meeting held on 3-10-2015



Consultation with Hon'ble MPs and MLAs on Prioritization of Projects under SAAP held on 1-10-2015



Consultation with Hon'ble MPs and MLAs on Prioritization of Projects under SAAP held on 1-10-2015



Discussion of Expert Team on preparation of SAAP



City Level Consultation at PH Division, Berhampur on September 2015



Consultation with Hon'ble Mayor, Berhampur on AMRUT



Consultation with Municipality official of Balasore



Consultation with Superintendent Engineer, PH, Berhampur



Consultation on Urban Transport with Project Assistant to Executive Officer, Balasore on 10<sup>th</sup> 22<sup>nd</sup> August 2015



City Level Consultation at Berhampur on September 2015



Site visit on identification of Land for Parks, Bhadrak on 22<sup>nd</sup> September 2015





State Level Consultation with Hon'ble MPs, MLAs & Mayors/ Chairpersons held on 1st Oct.2015



State Level Consultation with Elected Representatives and Officials of AMRUT Cities held on 3rd July 2015



First Meeting of the State High Powered Steering Committee held on 3rd Oct. 2015

**DISHA**  
State Annual  
Action Plan  
(FY 2015-2016)



Bhubaneswar



Cuttack



Puri



Berhampur



Sambalpur



Rourkela



Balasore



Bhadrak



Baripada