

Minutes of the 8th State Level High Powered Steering Committee (SHPSC) of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) held under the Chairmanship of the Chief Secretary on 24th January 2017 at 12.30 PM in the Committee Room of the Chief Secretary, Government of Kerala.

Members Present:

1. Shri. V S Senthil IAS, Additional Chief Secretary , Planning & Economic Affairs
2. Shri. T K Jose IAS, Principal Secretary, Local Self Government Department
3. Smt. Tinku Biswal IAS, Secretary, Water Resources Department
4. Sri. P S Mohammed Sagir IAS, Project Director, Kerala Sustainable Urban Development Project & Mission Director, AMRUT
5. Smt A Shainamol IAS, Managing Director, Kerala Water Authority
6. Shri. P R Sajikumar, Chief Engineer, Local Self Government Department.
7. Shri. Shaji Joseph, Chief Town Planner (Planning)
8. Shri. T K Soman Additional Secretary, Finance Department
9. Shri L P Chither, Director (Drinking Water), Suchitwa Mission
10. Shri D Rajeev Kumar , Finance Officer, Directorate of Urban Affairs

The meeting of the 8th State Level High Powered Steering Committee (SHPSC) of AMRUT chaired by Sri. S.M. Vijayanand IAS, Chief Secretary, Government of Kerala, commenced at 12.30 PM.

Agenda No.1

Approval of Minutes of the 7th meeting of SHPSC

Decision Taken

The Committee approved the minutes of 7th meeting of SHPSC held on 21st December 2016.

Agenda No. 2

Action Taken Report on the Decisions of the 7th meeting of SHPSC

Tripartite agreement to be signed among the Secretary -Mission City, MD - KWA and Mission Director-AMRUT.	The Chairman pointed that the Tripartite agreement is yet to be received at his
---	---

	Office.
--	---------

Decision Taken

The Chairman directed the MD, KWA to submit the tripartite agreement at the earliest.

Action by	Time Limit	Monitoring by
Smt A Shainamol IAS, Managing Director, Kerala Water Authority	25th January 2017	Smt. Tinku Biswal IAS, Secretary, Water Resources Department

Agenda No. 3

Approval of State Annual Action Plan 2017-18

3.1. The SHPSC noted that the total Central Allocation to the State under AMRUT during the Mission period (2015-16 to 2019-20) is Rs.1161.20 Cr. The State and the Mission cities together have to put in a matching share. Hence the total outlay under AMRUT mission is Rs.2333.92 Cr over a period of 5 years. The Approved Central Allocation in 2017-18 is Rs 486.82 Cr and the proposed SAAP is for Rs 973.64 Cr

3.2. The Committee reviewed all the projects proposed by the Mission cities (Annexure-1 List of proposed projects). The committee approved the projects proposed under the sectors namely Water Supply, Storm water Drainage, Urban Transport, Green Space and parks. Consolidation of SAAP document to be initiated at the State Mission Directorate.

Action by	Time Limit	Monitoring by
SMMU Team led by Smt. Bhagavathy Iyer, Team Leader(i/c) SMMU, AMRUT	16 th February 2017	Sri. P.S Mohammed Sagir, Mission Director, AMRUT

3.3 Under Sewerage sector, only the project of Supplying and erection of pumpsets, transformer and electrical accessories in the Edathara Pumping Station amounting to Rs 5 Cr of Thiruvananthapuram has been approved. The Committee decided that all remaining projects proposed under Sewerage/Septage management have to be discussed with mission cities in detail before finalization. A meeting of all concerned official of the mission cities to be convened to rework and finalise the projects.

Action by	Time Limit	Monitoring by
Sri. P.S. Mohammed Sagir, Mission Director, AMRUT	10 th February 2017	Sri. T.K. Jose, Principal Secretary, LSGD

3.4 The Committee noted that the ULB share for the projects proposed under SAAP 2017-18 is around 194.06 Cr. In this context, the SHPSC decided to bring this matter to the notice of the Cabinet and to seek the State's support in financially assisting the Mission cities to meet the ULB share for the projects under Water Supply Sector. A joint meeting of the Ministers of LSGD, Water Resources Department and Finance to be convened to finalise the State assistance to Mission cities.

Action by	Time Limit	Monitoring by
Sri. T.K. Jose, Principal Secretary, LSGD	7 th February 2017	Sri. S.M.Vijayanand, Chief Secretary, GoK

Agenda No. 4

Appointment of Independent Monitoring & Review Agency (IRMA) for project under JNURM

MOUD has sanctioned an amount of Rs 201.17 Cr to prepare projects for Water Supply under JnNURM in Corporation of Kochi. The final installment of Central share will be released only after submitting the report of IRMA. MoUD has suggested the State to appoint a Government/ Aided Engineering College as IRMA and submit the report to the MoUD.

Decision Taken

The Committee decided to seek willingness of College of Engineering, Trivandrum to act as IRMA for the water supply project in Kochi.

Action by	Time Limit	Monitoring by
Sri. P.S. Mohammed Sagir, Mission Director, AMRUT	7 th February 2017	Sri. T.K. Jose, Principal Secretary, LSGD

The meeting concluded at 2.00 pm.

[Handwritten signature]
1/2/2017

**Chief Secretary &
Chairman SHPSC - AMRUT**

[Handwritten signature]
Chief Secretary
Government of Kerala
Thiruvananthapuram.

Annexure -1

List of projects proposed in SAAP 2017-18

SI N O	Project	Cost in Cr	Total cost
1. THIRUVANANTHAPURAM			
A. WATER SUPPLY			
1	Installing Flow meters	10	25
2	Replacement of the old damaged pipe lines	10	
3	Extension of pipe line	5	
B. SEWERAGE			
1	Supplying and erection of pumpsets , transformer and electrical accessories in the Edathara Pumping Station	5	75.47
2	Construction of Pumping station at Akkulam(Block K)	4	
3	Supplying and laying 500mm DI K9 pumping main for a length of 3000m	4	
4	Supplying and laying Transmission main in Block K	4	
5	Supplying and erection of pumpsets , transformer and electrical accessories in the Akkulam Pumping Station	3	
6	Construction of Pumping station at Karimanal (Block J)	4	
7	Supplying and laying 400mm DI K9 pumping main for a length of 1300m	2.5	
8	Laying Transmission main and sewer networks in Block L	10	
9	Providing Sewer trunk from kazhakoottam area to Pumping station of L Block through the bank of Thettiyyar Thodu	8	
10	Supplying and erection of pumpsets , transformer and electrical accessories in the Karimanal Pumping Station	4	
11	Providing mechanical Sludge drying unit at muttathara 107 Mid STP	5	
12	Providing new network in the missing areas of core city	10	
13	Rehabilitation of existing network	10	
14	Providing Sewerage facility in the Kalladimugham Housing Colony	1.97	

C. STORM WATER DRAINAGE			
1	Providing new network in the water logged areas - The zones are Central zone - 20 wards, Coastal zone - 16 wards, North-East zone (Peroorkada area)- 9 wards, South-East zone (Pappanamcode area)- 12 wards, North-West zone (Kazhakootam area)- 13 wards	23	24
2	Cleaning and removal of silt and debris from the existing drain	1	
D. URBAN TRANSPORT			
1	Foot over bridges	14	14
	a. Statue Junction		
	b. Technopark		
	c. Vazhuthacaud		
	d. Palayam - VJT hall		
2	Multi level parking		
	a. Chalai (behind of Putharikandam Maithanam and transport depot)		
	b. Palayam (behind of Corporation Main Office building)		
	Bicycle streets		
3	a. Chalai road (Killipalam to Gandhi park)- Vehicle free zone		
	b. RTO office to Ramachandra (Vehicle free zone)		
	c. North of Padmatheerdhakulam (Vehicle free zone)		
	d. Attinkuzhi to kazhakkootam		
	e. Technopark - Kariavattom campus- Ambalathinkara		
GREEN SPACE & PARKS			
	Development of existing 6 Parks in the Corporation area	3	3
	TOTAL		141.47
2. KOLLAM			
A. WATER SUPPLY			
1	Comprehensive WSS to Kollam Municipal Corporation Phase II Continuation	35	42.9
2	Providing new Water connections with metering system- Phase II	7.9	
B. SEWERAGE			
1	Sewer network- Replacement of damaged network and laying of balance network, Construction of Pumping Station at Sarpakuzhi sub Zone of A1 Part 1 Continuation	7	

2	Planning, Design and Construction of Uliyakovil sub Zone in Zone A1 Part 2	24.39	31.39
C. STORM WATER DRAINAGE			
1	Construction of Drains at Various Municipal Corporation Roads/Locations-Phase III	15	15
	1. Vadakkevila-Eravipuram Area		
	2. Pullikkada Colony		
	3. SMP Colony		
	4. Mundakkal Area		
	5. Kavanad Area (Right side of NH 47 -Kollam to Ernakulam)		
	6. Koikkal-Ayathil Area		
D. URBAN TRANSPORT			
1	Construction of Multi Level Parking System near Railway Station -Stage II	7	13.29
2	Construction and Renovation of Foot Path and supporting structures - Phase III	6.29	
	1. Chinnakkada-Paikkada Road		
	2. Chinnakkada-Beach Road		
	3. Link Road		
	4. Chinnakkada-Kadappakkada		
	5. SBI Jn. To Railway cross Road(In front of YMCA)		
E. GREEN SPACE & PARKS			
1	Planting Lawns and afforestation at various locations in Kollam Corporation-Phase II	0.34	2.09
	1. Afforestation on the sides of NH 47 from Mevarom to SNC Jn		
2	Development of Existing Parks and Construction of New Parks - Phase II	1.75	
	1. Thirumullavaram-Ozhukkuthodu-Park		
	2. Vattakkayal-Park		
	3. Veliyilkulangara-Thanni Park		
	4. Kallumthazham Park		
	5. Amruthakulam Park		
	6. Thoppilkadavu Park		
	7. Kilikolloor-Elavanthi Park		
	8. Chalil Park		
	9. Kureepuzha Park		
	TOTAL		104.67
3. ALAPPUZHA			
A. WATER SUPPLY			

1	Augmentation and modernization of water supply distribution system in Alappuzha Municipality (Phase-2)	58.13	58.13
B. SEWERAGE			
1	Decentralized treatment system for septage/sewage management.(Phase-2)	6	6
C. STORM WATER DRAINAGE			
1	Rejuvenation of main natural canals and connecting canal networks	25.97	25.97
D. URBAN TRANSPORT			
1	Construction & renovation of pedestrian friendly foot paths(as 2 nd phase) and providing modern bus shelters.	4.25	4.25
E. GREEN SPACE & PARKS			
1	Development of park on the bank of AS canal and jogging track along the canal banks	1.44	1.94
2	Development of park in Beach side.	0.5	
	TOTAL		96.29
4. KOCHI			
A. WATER SUPPLY			
1	Construction Of New Over Head Reservoir Of Capacity 13L For Edakochi Zone And Interconnecting With Pumping Main And Distribution Net Work	10	53
2	Construction Of New Over Head Reservoir Of Capacity 35 L For Karuvelippady Zone	8	
3	Construction Of New Over Head Reservoir Of Capacity 40 L For Kaloore Zone And Inter Connecting With Pumping Main And Distribution Net Work	25	
4	Laying 400Mm Size Transmission Main From Perumanoor To Ravipuram	5	
5	Replacement Of Damaged Service Connections -5000 Nos	5	
B. SEWERAGE			
1	Decentralized sewerage system for Divisions 1 to 5	40	40
C. STORM WATER DRAINAGE			
1	Renovation Of Pandara Chal Canal-Second Phase	6.00	21.98
2	Renovation Of Rameswaram Canal	3.00	
3	Renovation Of Pashnithodu Canal-Second Reach	1.50	
4	Renovation Of Kalluchira Valiya Canal Div-19	0.50	
5	Renovation Of Kannachan Thodu And Drain Along Mathai Manjooran Road Div-68	1.50	

6	New Drain Along Kochakko Road Athiparambu Road And Masjid Road -Div- 45	0.50	
7	Renovation Of Binni Thodu Div-13	0.30	
8	Construction Of Drain Along Kaloor -Kathrikadavu Road (Old)	0.50	
9	Kumbalangi Kayal Side Protection	0.75	
10	Drain Near Thrithwam	1.00	
11	Construction Of Drain Along St. Vincent Road	1.00	
12	Desilting Managalavanam Thodu	1.25	
13	Renovation Of Karanakodam Thodu	2.00	
14	Side Protection Chambakkara Canal	2.18	
D. URBAN TRANSPORT			
1	Multilevel Carparking At Kacheripady	5.00	13.93
2	Construction Of Footpath And Bus Bays Including Junction Development At Thoppumpady	2.00	
3	Construction Of Footpath And Bus Bays Including Junction Development At Elamkulam Junction	1.00	
4	Construction Of Footpath And Bus Bays Including Junction Development At Thevara Junction	1.50	
5	Construction Of Footpath And Bus Bays Including Junction Development At Kaloor & Kathrikadavu Junction	3.00	
6	Construction Of Footpath And Bus Bays Including Junction Development At Pallathuraman Junction	1.43	
E. GREEN SPACE & PARKS			
1	Koithara Park Renovation	0.60	2.60
2	Mythri Nagar Park	0.50	
3	Kacheripady Park Renovation. Div-19	1.00	
4	P.J. Antony Park	0.50	
		TOTAL	129.30
5. THRISSUR			
A. WATER SUPPLY			64.3
1	New Treatment Plant of 20 MLD at Peechi	5.3	
2	Supply and laying of various Dia distribution lines for around 100 Km with pipe dia 160 mm PVC to 300 mm DI and Zoning and mapping of water supply system of Thrissur Corporation	17	
3	Laying of distribution lines from existing OHT at Kizhakumpattukara to Nellikunnu area for around 15 km with varying dia pipelines-(Dia 200 mm DI to 110 mm PVC	6	
4	Installation of generator at Peechi and dedicated power feeder line from Pattikkad to Peechi	3	

5	Construction of 10LL OHSR at Anappara and 5LL sump at Cherur with pumping system and pumping main from Cherur to Anappara for 2 Km with 200 mm DI Pipe	10	
6	Anappara Villadom area distribution line for around 25KM with 200 mm DI to 110 mm PVC pipe	5	
7	Construction of 5LL OHSR at Kuttanelloor with pumping system at Kurkanchery and pumping main for 4KM with 200 mm DI and 5KM distribution line	8	
8	Floating intake structure at Peechi Reservoir	5	
9	Water mangement system for Thrissur Corporation water section	5	
B. SEWERAGE			
1	Construction of waste water treatment plant Phase- II	23.6	23.6
X. STORM WATER DRAINAGE			
1	Cover slabs for minor drains in corporation area	15.78	15.78
Δ. URBAN TRANSPORT			
1	Renovation of foot paths in corporation area	3	
2	Foot over bridge in Shaktan Nagar (2nos), North Bus Stand, M.O Road, Koorkencherry	2	5
E. GREEN SPACE AND PARKS			
1	Rejuvenation of Nehru Park, Division No.36, Thekkinkadu	1	
2	Rejuvenation of Kottappuram Padanodyanakendram (Achutha Menon park), Division No.52, Kanattukara	0.5	
3	Development of living harmony & green belt at Panamkuttichira pakalveedu park and pond	0.72	2.22
TOTAL			110.90
6. GURUVAYUR			
☐ WATER SUPPLY			
1	Construction of 10LL OHSR and Pumping Main to Guruvayur including distribution network(continuation project), Location: OHSR at Pookkode, pumping main and distribution at Municipal area.	19.68	
2	Irñprovement of water supply system for Guruvayur. (continuation project), Location: Source at Karuvannur river, Transmission line from Karuvannur to Pookkode and WTP at Pookkode.	51.18	80.86
3	Rejuvenation of Ponds at Various Locations in Guruvayur municipality	10	
☐ SEWERAGE & SEPTAGE			
	Nil		
☐ STORM WATER DRAINAGE			

1	Construction of new drains in the water logged areas of Guruvayur municipality.	0.64	0.64
URBAN TRANSPORT			
1	Construction of a Five Storied Multi level parking plaza (340 cars, 40 buses and 240 two wheelers) Location: Andra parking ground in Guruvayur town.	6.0	6.0
GREEN SPACES & PARKS			
1	Development of play ground at chavakad high school ground with Sitting gallery in ward no.14 of Guruvayur municipality, Location: Chavakkad High School ground in Muthuvattur, Guruvayur	1.78	1.78
TOTAL			89.28
7. PALAKKAD			
A. WATER SUPPLY			
1	Replacement of raw water and clear water pump set, transformers and electrification	4	
2	Constuction of OHSR 2 Nos , total 76.5LL capacity	14	
3	Providing Rider main pipe lines for proper zoning (500/450/400/350 mm DI(From 3 zonal OHSRs)) -15 Km	15	
4	Providing 160mm PVC - 30 Km for taking Water Service Connection (Both sides of road) and changing of connections	5.88	
5	Providing Rider main pipe lines for proper zoning (500/450/400/350 mm DI(From 3 zonal OHSRs)) - 13 Km	13	
	Providing 160mm PVC - 38 Km for taking Water Service Connection (Both sides of road)	5.4	
	Replacement of Existing AC pipe lines to DI/PVC pipe lines 150/200/250mm DI-K9 - 6 km	3.3	
	Providing water connections to all to eliminate public taps & to reduce NRW: 9000 Nos	6.75	67.33
B. SEWERAGE & SEPTAGE			
	Nil		
C. STORM WATER DRAINAGE			
-	Rejuvenation of Primary & Secondary Drains		17.62
1	Mattumantha Palayam - Chulliyodu	1.00	
2	Manalai- Ramanadhapuram- Aanachira	1.00	
3	Sekharipuram- Sankhuvaramedu	0.75	
4	Murukani School Thodu	0.20	
5	Stadium bypass- Sreekrishna Temple- Vaaliparambu	0.50	
6	Palayapetta- Stadium Bypass	0.30	
7	Yakkara- Murikkav- AKG Nagar	0.30	

8	Chirakkad- Gopal colony	0.20		
9	Kalmandapam- Chittoor Road	1.50		
10	Chirakkad- Aiswarya Nagar	0.50		
11	Puthupalli theruv- Slaughter House- Mythri Nagar	0.50		
12	Victoria College- Vidyut Nagar- Indrani Nagar Thodu	0.50		
13	Sulthanpetta- Kalmandapam- NH Road Drain Desilting and rejuvenation	0.50		
14	Mythri Nagar- Haritha Nagar- KSRTC Link Road	0.25		
15	Around District Hospital	0.35		
16	Green Garden- Othungodu- Kallikkad	0.45		
17	Mercy College- Thirunellayi	1.50		
18	Vennakkara- Thirunellayi	1.25		
19	Puthur Temple- Kallepully Junction	1.00		
20	Municipal Busstand to Vettalakulam	0.30		
21	Housing Board Colony- Mathrubhumi	0.50		
22	Tharekkad junction - Koppam	0.40		
23	Chakkanthara- Kaikuthparambu- Venkiteshwaragarden- Sreenivasa Garden	1.00		
24	Head Post office to Ramanadhapuram via Koppam	1.25		
25	Selvi Nagar - Ram Nagar	0.30		
26	Melamuri- Kalambuzha- Karukoodi	0.75		
27	Vadakkanthara- Valiyakulam- Pranamkulam- Indrani Nagar	0.57		
D. URBAN TRANSPORT				
1	GB Road Escalator	2		7.98
2	Pattikkara bypass Parking	0.5		
3	Parking in front of Chinmay Mission	0.5		
4	Mission School - Sakunthala Junction foot path	1		
5	Olavakkode Junction to Railway Station footpath	1		
6	Robinson Road Footpath	1		
7	Menon Colony Road Footpath	0.48		
8	Bus waiting Sheds	1		
9	Signages in the city area	0.5		
E. GREEN SPACES & PARKS				
-	Development of parks		1.91	
1	Yakkara Riverside open Park & pedel boating	0.41		
2	Salamath nagar	0.35		
3	Jaladha Nagar	0.25		
4	Rose Garden	0.25		
5	Vandana Layout	0.2		
6	Gandhi Nagar- Chakkanthara	0.2		
7	Venkiteshwara Garden	0.25		
	TOTAL	94.83		

8. KOZHIKODE**A. WATER SUPPLY**

1	Integrated Calicut WSP phase 2 -Laying distribution Lines in 10 zones		
	1. Malaparamba zone - part 1		
	2. Malaparamba zone - part 2		
	3. Eravathukunnu north and south zone		
	4. East hill zone		
	5. Balamandiram and Pottammal zone		
	6. Kovoov zone part 1		
	7. Kovoov zone part 2		
	8. Elathur zone		
	9. Cheruvannur Nallalam zone		
	10. Beypur zone		
		46.55	46.55

B. SEWERAGE & SEPTAGE

1	Construction of sewerage system in zone A- part B- phase 2	34.06	34.06
---	--	-------	--------------

C. STORM WATER DRAINAGE

1	Construction of storm water drain at 5 locations		
	1. Palayam Samuthiri cross road to E K Canal		
	2. North of Azhakodi Temple - EK canal		
	3. People Road- Karaparamba HSS-E K canal		
	4. YMRC Road - Millathu colony		
	5. Nadanchery Ayyankar Road - Kallayi River		
		19.3	19.3

D. URBAN TRANSPORT

1	Foot over bridge with escalators near new busstand	11.35	11.35
---	--	-------	--------------

E. GREEN SPACES & PARKS

1	Renovation of 6 existing parks		
	1. S K Pottakkadu Park, Puthiyara		
	2. Thadambattuthazham park		
	3. Garudankulam park		
	4. Malaparamba park		
	5. Gotheeswaram park, Beypur		
	6. Cheruvannur children's Park		
		2.27	2.27
		TOTAL	113.53

9. KANNUR**A. WATER SUPPLY**

1	Increasing the capacity of Raw water Pump sets at Intake and Booster station including electrical	1.50	38.27
---	---	------	--------------

	installations		
2	Rehabilitation of existing old distribution network, valves, house service connection and inter-connections with existing lines and providing flow meters etc., including road reformation charges (PWD/NH/Corporation)	20	
3	Laying new distribution line 385km and providing new service connection	16.77	
B. SEWERAGE & SEPTAGE			
1	Providing decentralised sewerage network with STP in old kannur municipal area.	28.00	28.00
C. STORM WATER DRAINAGE			
1	Construction and rejuvenation of primary drains & secondary drains	15.87	15.87
	1.Thottadathodu and connecting drains		
	2.Varam, varam vayal, Katampallipuzha and connecting drain		
	3. sea shore structures as per the requirement at Payyambalam, Aayikkara, Mukkadav, Kadallai areas for eliminating sand deposits		
D. URBAN TRANSPORT			
1	Multi Level Car parking complex at Stadium premises	9.34	9.34
E. GREEN SPACES & PARKS			
	Devlopment of new park at Payyambalam near cremation centre.	0.3	
1	Renovation of Chelora park near trenching ground	0.87	1.87
2	Renovation of Kappad Shisumandiram park	0.4	
3	Renovation of Anakulam park	0.3	
		TOTAL	93.37