

GOVERNMENT OF INDIA

MINISTRY OF HOUSING AND URBAN AFFAIRS

RAJYA SABHA

STARRED QUESTION NO. *165

TO BE ANSWERED ON DECEMBER 27, 2018

PROGRESS OF SMART CITIES MISSION

No. *165. KUMARI SELJA:

Will the Minister of **HOUSING AND URBAN AFFAIRS** be pleased to state:

- (a) whether any progress has been made under the Smart Cities Mission and if so, the details thereof, State-wise;
- (b) the details of funds sanctioned, allocated, utilised under the Mission, Statewise;
- (c) the details of best practices adopted by the cities selected under this Mission, if any;
- (d) whether any mechanism has been set up by Government for effective monitoring of the progress of the Mission and if so, the details thereof; and
- (e) whether any targets or milestones have been set for the cities selected under this Mission?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE

MINISTRY OF HOUSING AND URBAN AFFAIRS

(SHRI HARDEEP SINGH PURI)

(a) to (e) : A statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY OF PARTS (a) to (e) OF THE RAJYA SABHA STARRED QUESTION NO. *165 FOR ANSWER ON 27.12.2018 REGARDING SMART CITIES MISSION.

(a) to (e): 100 cities have been selected for development as Smart cities in four rounds as below:

- 20 Smart Cities in Round 1 in January 2016
- 13 Smart Cities in Fast Track (FT) Round 2 in May 2016
- 27 Smart Cities in Round 2 in September 2016
- 30 Smart Cities in Round 3 in June 2017
- 10 Smart Cities in Round 4 in January 2018 & June 2018.

The Central Government shall give financial support to the extent of Rs. 500 crore each to these cities over a period of five years and an equal amount, on a matching basis, is to be contributed by the State/Urban Local Body (ULB). The budgetary allocation since the launch of the Mission in June 2015 till the current year (2018-19) is Rs. 16,604.20 crore, of which Rs. 14,221.20 crore have already been released under the Mission so far. The cities have reported a utilisation of Rs. 3,560.22 crore as on November 1, 2018. State-wise city-wise details of funds released under Smart Cities Mission, funds utilised by cities and progress of projects under SCM are attached as Annexure-I.

A total of 5,151 projects worth Rs. 2,05,018/- crore have been included by the selected 100 cities in their Smart City Proposals (SCPs). These projects are executed through convergence of resources from Central/State Government/Local Body as well as externally funded Schemes/projects. It also envisages around 20% of funding through Public Private Partnerships (PPPs).

It takes around 12-18 months for a selected city to set up Special Purpose Vehicle (SPV), procure Project Management Consultant (PMC), hire necessary human resources, call tenders and issue work orders. The implementation plan is

given by each Smart City in its Smart City Proposal (SCP). The timeline for completion of projects is given below:

- Round 1 cities- 2020-21
- Round 2 cities- 2021-22
- Round 3 cities- 2021-22
- Round 4 cities- 2022-23

As on date, all 100 cities have incorporated SPVs, 97 of them have procured Project Management Consultants (PMCs) and all 100 cities have constituted City Level Advisory For a (CLAF). As on 30th November, 2018, 2,342 projects worth Rs. 90,929/- crore have been tendered, of which 1,675 projects worth Rs. 51,866/- crore are under implementation/have been completed. The pace of implementation of projects has picked up significantly during the last one year. There has been a 290% increase in projects tendered, 332% increase in projects grounded/completed and 479% increase in projects completed since October 2017.

This has been made possible through Ministry's is regular interaction with the States/Smart Cities through video conferences, review meetings, field visits, regional workshops etc. at various levels to assess the performance of the cities and to handhold them for improving the same. Besides the guidance of domain experts participating in the regional Workshops, cities also benefit from peer-to-peer learning during various interactions.

At the national level, the implementation of Smart Cities Mission is being monitored by an Apex Committee headed by Secretary, Ministry of Housing and Urban Affairs. At State level, State level High Powered Steering Committee (HPSC) chaired by the Chief Secretary has been established. A City Level Advisory Forum (CLAF) for the smart city comprising of District Collector, MP(s), MLA(s), Mayor, CEO of SPV, local youths, technical experts etc. has been constituted in each Smart City to advise and enable collaboration among various stakeholders as per smart city guidelines. Besides, Ministry of Housing and Urban Affairs nominee Directors on the Boards of SPVs are also monitoring the progress in respective cities on a regular basis.

The Mission marks a paradigm shift in the thinking on urban development in the country in adoption of best practices. The cities were selected through a process of competition under the guiding principles of cooperative and competitive federalism. The cities created their Smart City Proposals (SCPs) based on an extensive exercise of citizen consultation and therefore the proposals truly reflect the hopes and aspirations of their citizens. An independent institutional mechanism in the form of a Special Purpose Vehicle (SPV) has been created to ensure integrated implementation of projects. Also, convergence with various other Missions within the Ministry as well as other Ministries and leveraging of resources through various sources like PPP, debts, land monetization etc. has been built into the design of the Mission.

The following best practice projects have been adopted by the cities included under the Mission:

- Integrated Command and Control Centres –These are improving the efficiency of citizen services covering city-wide Wi-Fi network, safety and security, e-governance and feedback management, integrated traffic management, solid waste management, parking management, water/waste water management, disaster resilience and other services
- Smart Roads –These include road redesign, pedestrian facilities, bicycle tracks, underground ducting, landscaping and beautification of medians, street furniture, smart poles and bins
- Smart Water – The cities are implementing performance-based water management contracts, which cover 24X7 supply, smart metering, implementation of SCADA, Non-Revenue Water reduction, quality control etc.
- Solar energy - Smart cities are implementing solar energy projects and ensuring that 10% of energy consumption is from renewable sources
- Rejuvenation of Public Spaces- Smart cities are transforming public spaces through riverfront redevelopment, lake conservation, redesign of parks & public spaces, art in public spaces, development of markets, conservation and adaptive reuse of heritage assets etc.

Specific examples of best practices adopted city-wise are provided in Annexure II.

Annexure-I referred to in reply to
Rajya Sabha Starred Question No. 165 to be answered on 27.12.2018

State-wise/City-wise details of funds released, utilisation and progress of projects under Smart Cities Mission(SCM)

(in Rs. crores)

S. N.	State	Name of City	Total funds released under SCM (till date)	Funds utilised under SCM (as on Nov 1, 2018)	Total Value of Projects Tendered/ under Tendering through all sources (As on Nov 30, 2018)	Total Value of Projects Grounded/ Completed through all sources (As on Nov 30, 2018)
1	Andhra Pradesh	Vishakhapatnam	291	221.83	1283.94	982.17
		Tirupati	196	-	1478.56	110.61
		Kakinada	196	194.63	1292.26	802.13
		Amaravati	194	100.83	1369.57	387.35
2	Andaman & Nicobar Islands	Port Blair	196	-	5.05	5.05
3	Arunachal Pradesh	Pasighat	54	2.00	0.00	0.00
		Itanagar	52	-	0.00	0.00
4	Assam	Guwahati	196	3.38	538.25	25.03

5	Bihar	Muzaffarpur	56	1.48	21.99	21.99
		Bhagalpur	196	0.37	1046.38	511.14
		Biharsharif	55	2.00	0.00	0.00
		Patna	104	4.00	1749.63	574.90
6	Chandigarh	Chandigarh	196	15.72	295.44	238.09
7	Chattisgarh	Raipur	196	47.25	985.41	469.99
		Bilaspur	58	8.82	201.14	0.00
		Naya Raipur	118	18.00	176.00	168.00
8	Daman & Diu	Diu	104	0.42	0.00	0.00
9	Dadra & Nagar Haveli	Silvassa	54	0	0.00	0.00
10	Delhi	New Delhi Municipal Council	196	50.36	1115.65	1075.58
11	Goa	Panaji	118.2	23.83	380.27	253.93
12	Gujarat	Gandhinagar	110	19.88	307.93	142.68
		Ahmedabad	196	187.92	2456.09	2414.59
		Surat	291	290.75	3658.56	2964.79

		Vadodara	196	71.94	2418.05	1998.05
		Rajkot	110	22.71	2288.04	117.30
		Dahod	59	0.36	389.58	17.22
13	Haryana	Karnal	53	1.45	0.00	0.00
		Faridabad	196	12.45	229.76	27.46
14	Himachal Pradesh	Dharamshala	196	37.36	76.89	75.30
		Shimla	54	1.15	138.19	138.19
15	Jharkhand	Ranchi	196	22.52	1895.18	1332.38
16	Jammu & Kashmir	Jammu/ Srinagar	2	1.60	--	-
		Srinagar	52	4.22	0.00	0.00
		Jammu	54	15.00	232.86	215.86
17	Karnataka	Mangaluru	117	6.84	358.92	180.36
		Belagavi	196	14.72	1258.21	1016.30
		Shivamogga	117	6.45	712.72	189.31
		Hubballi-Dharwad	117	7.79	831.07	306.96
		Tumakuru	117	20.02	920.45	891.37

		Davanagere	196	21.90	1377.23	967.02
		Bengaluru	53	-	64.50	27.50
18	Kerala	Kochi	196	4.58	526.73	127.33
		Thiruvananthapuram	52	0.90	273.89	191.19
19	Lakshadweep	Kavaratti	50	0.01	0.00	0.00
20	Madhya Pradesh	Bhopal	289	196.00	6071.70	2958.70
		Indore	196	190.62	6129.49	3044.24
		Jabalpur	196	109.61	1065.89	883.67
		Gwalior	196	14.48	1569.55	1055.77
		Sagar	56	0.59	1004.94	1004.94
		Satna	190	3.78	531.59	327.46
		Ujjain	196	14.05	1897.97	1405.14
21	Maharashtra	Pimpri Chinchwad	196	-	710.41	15.00
		Nashik	196	15.73	1608.13	889.71
		Thane	196	31.29	1504.83	628.33
		Greater	2	-	-	-

		Mumbai#				
		Amravati#	2	0.65	-	-
		Solapur	196	27.81	1832.60	60.07
		Nagpur	196	111.80	1893.34	1655.94
		Kalyan-Dombivali	196	6.61	845.48	228.48
		Aurangabad	196	5.60	357.02	237.02
		Pune	196	83.21	4303.36	1554.20
22	Manipur	Imphal	111	0.99	41.16	41.16
23	Meghalaya	Shillong	2	-	-	-
24	Mizoram	Aizawl	55	2.00	0.00	0.00
25	Nagaland	Kohima	111	2.00	92.28	60.00
26	Odisha	Bhubaneswar	196	162.46	4082.83	2823.72
		Raurkela	190	7.57	871.45	374.17
27	Puducherry	Puducherry	102	0.30	14.83	14.83
28	Punjab	Ludhiana	196	12.45	303.19	112.55
		Jalandhar	56	10.84	47.76	6.53

		Amritsar	56	8.88	180.94	11.17
29	Rajasthan	Jaipur	196	63.25	1449.84	1067.04
		Udaipur	196	28.86	1309.50	990.18
		Kota	196	49.82	1601.40	709.37
		Ajmer	196	74.48	911.01	810.33
30	Sikkim	Namchi	196	112.01	301.50	293.50
		Gangtok	51	16.85	42.61	22.61
31	Tamil Nadu	Tiruchirapalli	125	2.00	113.48	113.48
		Tirunelveli	196	37.71	85.75	85.75
		Dindigul#	2	-	-	-
		Thanjavur	196	18.76	382.81	29.44
		Tiruppur	108	26.95	417.48	90.31
		Salem	117	81.21	447.95	434.37
		Vellore	117	1.07	255.53	255.53
		Coimbatore	196	150.27	1048.80	986.66
		Madurai	196	12.91	369.95	256.07

		Erode	190	64.51	208.91	193.91
		Thoothukudi	60	3.32	30.46	28.72
		Chennai	196	142.63	725.05	357.64
32	Telangana	Karimnagar	54	0.73	231.70	0.00
		Greater Warangal	94	13.70	809.46	617.18
33	Tripura	Agartala	196	13.49	303.96	33.92
34	Uttar Pradesh	Moradabad	54	1.04	0.00	0.00
		Aligarh	56	1.12	512.78	0.43
		Saharanpur	56	0.81	0.00	0.00
		Bareilly	55	1.38	348.00	0.00
		Jhansi	56	2.49	2318.91	783.58
		Kanpur	196	29.14	1820.79	1325.85
		Allahabad	196	20.49	952.41	800.37
		Lucknow	196	5.06	1090.84	585.87
		Varanasi	196	59.16	1814.98	1732.12
		Ghaziabad#	2	0.60	-	-

		Agra	196	29.65	1706.95	1132.46
		Rampur#	2	0.21	-	-
		Merrut/Raebareli#	2	-	-	-
35	Uttarakhand	Dehradun	56	2.79	3.64	0.00
36	West Bengal	New Town Kolkata	52	-	10.00	10.00
		Bidhannagar #	2	-	-	-
		Durgapur#	2	-	-	-
		Haldia#	2	-	-	-
Total			14,221. 20	3,560. 22	90,929	51,866

Cities which did not get selected as Smart Cities

Annexure-II referred to in reply to
Rajya Sabha Starred Question No. 165 to be answered on 27.12.2018

City-wise Best Practices

Projects under the Mission fall under multiple sectors viz., Area Development, Urban Mobility, Economic Development, Information Technology (IT) Connectivity & Information and Communication Technology (ICT) solutions, Safety and Security, Energy, Environment, Social Sectors, Affordable Housing, Water Supply, Complete Streets, Waste Water/Sewerage, Storm Water Drainage and Solid Waste Management.

Smart cities' projects are not only promoting sustainable development but also helping create vibrant, inclusive, healthy and collaborative cities, thus enhancing quality of life. Some of them are mentioned as follows:

1. **Pune:** Pune “**Place-making**” project has transformed neglected urban spaces into social hubs thereby activating neighbourhoods. “**Public Bike sharing**” project redefined mobility in the city promoting a greener healthier city. “**Pune Lighthouses**” are imparting essential skills to allow citizens earn their livelihood and contribute to society.
2. **Ahmedabad:** “**Intelligent Transit Management System**” is making travel within the city seamless and more efficient. “**Smart Water Management**” through SCADA project at Ahmedabad Smart City is saving tax-payers' money and allowing efficient decision-making.
3. **New Delhi Municipal Council (NDMC):** “**Smart Classroom**” project is transforming schools and has led to marked improvement in results through better school management and regular training of teachers.
4. **Bhopal:** “**B-Nest Incubation Centre**” project is fostering an environment of entrepreneurship in the city, which will lead to greater innovation and employment. “**Public Bike Sharing**” has been a landmark project and is bringing a behavioural shift among commuters and promoting walking and cycling in the city.

5. **Jabalpur: “Smart Classroom”** project, is transforming schools in the city. **“Waste-to-Energy Plant”** project is a first-of-its kind plant which is burning waste and producing power for more than 18000 households.
6. **Visakhapatnam: “Smart Campus”** project has transformed traditional teaching methods into paperless classrooms enabling better teacher-student collaboration.
7. **Jaipur:** The **“Conservation of Rajasthan School of Arts”** project has given a successful model for restoration and adaptive reuse of prominent heritage building.
8. **Coimbatore: “Public Bike Sharing (PBS)”** in Coimbatore is an innovative app based PBS scheme promoting people to become healthier and to follow an active lifestyle.
9. **Surat: “Intelligent Traffic Management System”** project is providing improved safety and emergency response to commuters and is driving operational efficiencies in public transit management.
