

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
RAJYA SABHA  
UNSTARRED QUESTION NO. 1032**

**TO BE ANSWERED ON JULY 28, 2021**

**AWARD FOR PERFORMANCE OF SMART CITIES**

**NO. 1032. SHRI SANJAY SETH:  
SHRI K.C. VENUGOPAL:**

Will the Minister of *Housing and Urban Affairs* be pleased to state:

- (a) whether Government has given awards to States for overall performance of smart cities and for their proactive roles and if so, details thereof and objective behind the move;
- (b) the smart city that has been awarded best award for overall performance during year 2020;
- (c) the details of total projects under Smart Cities Mission (SCM) and amount for which work orders have been issued and the projects that have been fully completed and made operational; and
- (d) whether Government has also released report on Climate Smart Cities Assessment Framework and if so, details thereof along with performance of cities in this regard?

**ANSWER**

**THE MINISTER OF STATE IN THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI KAUSHAL KISHORE)**

(a) & (b) India Smart Cities Awards Contest (ISAC), an annual competition among 100 Smart Cities, was launched in 2018 to reward innovative ideas and projects being implemented by them. The results of ISAC 2020 were announced on 25 June 2021. These awards were given across three broad categories, namely – projects, innovation and cities. Within the projects category, 10 sub-categories were as follows - Social Aspects, Governance, Culture, Urban Environment, Sanitation, Economy, Built Environment, Water, Mobility, and Sustainable Business model of Integrated Command & Control Centres (ICCCs). Within the innovation category, there were two sub-categories namely COVID Innovation and Innovation in projects. Within the cities category, best performing cities from each round of selection were awarded apart from the overall best city award, which was given to the best performing city across all the 100 cities. Two other award categories which were introduced this year were the City and State leadership awards. These categories were introduced to award States/Union Territories/Cities who have demonstrated leadership in spreading the spirit of the Mission beyond the Mission

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cities/only themselves. These award categories have evolved over the last 3 years. Indore & Surat won the overall Smart City Award jointly this year. Details of all awards distributed as part of ISAC 2020 are given in **Annexure-I**.

(c) Smart Cities Mission (SCM) is being implemented in 100 cities selected through 4 rounds of competition from January 2016 to June 2018. As on 9 July 2021, these cities have tendered out 6,017 projects worth ₹ 1,80,873 crore; out of which work orders have been issued in 5,375 projects worth ₹ 1,49,251 crore; out of these, 2,781 projects worth ₹ 48,150 crore have been completed.

(d) The Climate Smart Cities Assessment Framework (CSCAF) was launched in 2019 as a mechanism to assess the state of, and strengthen climate-sensitive development practices in India's cities. An annual assessment of cities on Climate-related parameters is an important sub-component of the Framework. The second edition of the assessment, CSCAF 2.0 was launched in September 2020. The final report of the assessment was released on 25 June 2021. The assessment was open to all Smart Cities, all Capital cities and all cities above 500,000 in population. The 126 participating cities were assessed through 28 diverse indicators across 5 thematic areas. The results of CSCAF-2.0 are available at <https://niua.org/c-cube/c-cube-documents>. The public dashboard available on this website provides detailed analysis for each city and provides option for indicator/thematic area-wise comparison amongst cities. Broadly, city performance has been assessed through stars achieved, spanning from 1-star to 5-star. As per the report of CSCAF 2.0, 31 cities have achieved an overall rating of 1-star; 64 cities have achieved an overall rating of 2-star; 22 cities have achieved 3-star and 9 cities have achieved 4-star rating. The details of thematic areas, indicators & Cities with its ratings are given in **Annexure-II**.

**Annexure-I in reply to parts (a) & (b) of Rajya Sabha Unstarred Question No. 1032 for answer on 28.7.2021 regarding Award for performance of smart cities**

**Winners under ISAC 2020**

| <b>Project Award: Theme-wise Winners/ Joint-winners</b> |  |
|---|--|
| Social Aspects  | <ol style="list-style-type: none"> <li>1. <b>Tirupati:</b> Health Benchmark for Municipal Schools</li> <li>2. <b>Bhubaneswar:</b> Socially Smart Bhubaneswar</li> <li>3. <b>Tumakuru:</b> Digital Library Solution</li> </ol>  |
| Governance  | <ol style="list-style-type: none"> <li>1. <b>Vadodara:</b> GIS on surface at Vadodara</li> <li>2. <b>Thane:</b> Digi Thane</li> <li>3. <b>Bhubaneswar:</b> ME App</li> </ol>   |
| Culture   | <p><b>Joint Winners (Indore and Chandigarh)</b></p> <ol style="list-style-type: none"> <li>1. <b>Indore:</b> Conservation of Built Heritage</li> <li>1. <b>Chandigarh:</b> Capitol Complex, Heritage Project</li> <li>3. <b>Gwalior:</b> Digital Museum</li> </ol>   |
| Urban Environment                                       | <p><b>Joint Winners (Bhopal and Chennai)</b></p> <ol style="list-style-type: none"> <li>1. <b>Bhopal:</b> Clean energy</li> <li>1. <b>Chennai:</b> Restoration of water bodies</li> <li>3. <b>Tirupati -</b> Renewable Energy Generation</li> </ol>  |
| Sanitation  | <p><b>Joint Winners (Tirupati and Indore)</b></p> <ol style="list-style-type: none"> <li>1. <b>Tirupati:</b> Bioremediation &amp; Bio-Mining</li> <li>1. <b>Indore:</b> Municipal Waste Management System</li> <li>3. <b>Surat:</b> Conservation through Treated Wastewater</li> </ol>   |
| Economy   | <ol style="list-style-type: none"> <li>1. <b>Indore:</b> Carbon Credit Financing Mechanism</li> </ol> <p><b>Joint Second (Tirupati and Agra)</b></p> <ol style="list-style-type: none"> <li>2. <b>Tirupati:</b> Boosting Local Identity &amp; Economy through Design Studios</li> <li>2. <b>Agra:</b> Micro Skill Development Centres</li> </ol> |
| Built Environment                                       | <ol style="list-style-type: none"> <li>1. <b>Indore:</b> Chappan Dukan</li> <li>2. <b>Surat:</b> Canal Corridor</li> <li>3. <b>Erode:</b> Micro-composting Network</li> </ol>  |
| Water   | <p><b>Joint Winners (Dehradun and Varanasi)</b></p> <ol style="list-style-type: none"> <li>1. <b>Dehradun:</b> Smart Water Services</li> <li>1. <b>Varanasi:</b> Eco-Restoration of Assi River</li> <li>3. <b>Surat:</b> Integrated and Sustainable Water Supply System</li> </ol>   |
| Sustainable Business Model of ICCC                      | <p><b>Agartala ICCC</b></p>  |
| Urban Mobility  | <ol style="list-style-type: none"> <li>1. <b>Aurangabad:</b> Majhi Smart Bus</li> <li>2. <b>Surat:</b> Dynamic Scheduling of Buses</li> <li>3. <b>Ahmedabad:</b> Automated Parking System</li> </ol>   |

| <b>Innovation Award</b>                        |  |
|--|--|
| Innovative Idea Award                          | <b>Indore:</b> Carbon Credit Financing Mechanism   |
| Covid Innovation Award                         | Joint Winners: <b>Kalyan-Dombivali &amp; Varanasi</b><br>(*Kalyan-Dombivali and Varanasi are also Round 2 winners) |
| Covid Innovation Award<br>(Round-wise winners) | Chennai ( <b>Round 1</b> )   |
|  | Kalyan-Dombivali & Varanasi ( <b>Round 2</b> )   |
|  | Bengaluru ( <b>Round 3</b> )   |
|  | Saharanpur ( <b>Round 4</b> )  |

| <b>City Award</b>         |   |
|---------------------------|---|
| <b>Overall Winner</b>     | Joint Winners: <b>Indore &amp; Surat</b>  |
| <b>Round 1</b>            | <b>1. Indore</b><br><b>1. Surat</b><br><b>3. Jabalpur</b><br>*Indore and Surat are also overall winners |
| <b>Round 2+Fast Track</b> | <b>1. Agra</b><br><b>2. Tirupati</b><br><b>3. Varanasi</b>  |
| <b>Round 3</b>            | <b>1. Dehradun</b><br><b>2. Sagar</b><br><b>3. Tirunelveli</b>  |
| <b>Round 4</b>            | <b>Erode</b>  |

| <b>State Award</b> |   |
|--------------------|---|
| State Award        | <b>1. Uttar Pradesh</b><br><b>2. Madhya Pradesh</b><br><b>3. Tamil Nadu</b> |
| <b>UT Award</b>    |   |
| UT Award           | <b>Chandigarh</b>   |

| <b>Smart Cities Leadership Award</b>                          |  |
|---|--|
| <b>1. Ahmedabad</b><br><b>2. Varanasi</b><br><b>3. Ranchi</b> |  |

**Annexure-II in reply to part (d) of Rajya Sabha Unstarred Question No. 1032 for answer on 28.7.2021 regarding Award for performance of smart cities**

The assessment report of CSCAF 2.0 is available at <https://niua.org/c-cube/c-cube-documents>. Some salient aspects of the Report are highlighted below.

**CSCAF 2.0 consisted of 5 thematic areas as follows:**

- (i) Energy and Green Buildings
- (ii) Urban Planning, Green Cover and Biodiversity
- (iii) Mobility and Air Quality
- (iv) Water Management; and
- (v) Waste Management

**Indicators under each thematic are as follows (total 28 indicators):**

| <b>Energy &amp; Green Buildings</b>                                   | <b>Urban Planning, Green Cover, &amp; Biodiversity</b> | <b>Mobility and Air Quality</b>   | <b>Water Management</b>                          | <b>Waste Management</b>                                  |
|---|--|---|--|--|
| 1. Electricity Consumption in the City                                | 1. Promotion of green buildings                        | 1. Clean Technologies Shared Vehicles   | 1. Water Resources Management                    | 1. Waste minimization initiatives undertaken by the City |
| 2. Total Electrical Energy in the City Derived from Renewable Sources | 2. Proportion of Green Cover                           | 2. Availability of Public Transport   | 2. Extent of Non-Revenue Water                   | 2. Extent of dry waste recovered & recycled              |
| 3. Fossil Fuel Consumption in the City                                | 3. Urban Biodiversity                                  | 3. Percentage of coverage of Non-Motorized Transport network (pedestrian and bicycle) in the city | 3. Wastewater Recycle and Reuse                  | 3. Construction& Demolition (C&D) waste management       |
| 4. Energy efficient street lighting in the city                       | 4. Disaster Resilience                                 | 4. Level of Air Pollution   | 4. Flood/ water stagnation risk management       | 4. Extent of Wet Waste Processed                         |
| 5. Promotion of green buildings                                       | 5. City Climate Action Plan                            | 5. Clean Air Action Plan (Planning and Implementation)  | 5. Energy efficient water supply system          | 5. Scientific Landfill availability & operations         |
| 6. Green Building Adoption  |  |   | 6. Energy efficient wastewater management system | 6. Landfill/ dumpsite Scientific Remediation             |

**Overall Rating of Cities under CSCAF 2.0**

| 4 Star           |        |               |  |
|------------------|--------|---------------|--|
| Ahmedabad        | Pune   | Vadodara      |  |
| Indore           | Rajkot | Visakhapatnam |  |
| Pimpri Chinchwad | Surat  | Vijayawada    |  |

| 3 Star     |             |             |          |
|------------|-------------|-------------|----------|
| Agra       | Delhi       | Nashik      | Thane    |
| Bengaluru  | Gandhinagar | Naya Raipur | Udaipur  |
| Bhopal     | Gurugram    | Raipur      | Ujjain   |
| Chandigarh | Jamshedpur  | Shimla      | Varanasi |
| Chennai    | Lucknow     | Silvassa    |          |
| Coimbatore | Nagpur      | Solapur     |          |

| 2 Star       |                  |                  |                       |
|--------------|------------------|------------------|-----------------------|
| Ajmer        | Gorakhpur        | Ludhiana         | Sagar                 |
| Aligarh      | Guwahati         | Madurai          | Saharanpur            |
| Amravathi    | Gwalior          | Mangalore        | Salem                 |
| Amravati     | Hubli Dharwad    | Mira Bhayandar   | Sangli Miraj & Kupwad |
| Amritsar     | Jabalpur         | Mysore           | Satna                 |
| Bareilly     | Jaipur           | Namchi           | Shillong              |
| Bhavnagar    | Jhansi           | Nanded           | Shivamogga            |
| Bhubaneshwar | Kakinada         | New Town Kolkata | Siliguri              |
| Bilaspur     | Kalyan Dombivali | Panaji           | Srinagar              |
| Dahod        | Kanpur           | Pasighat         | Tiruchirapalli        |
| Dehradun     | Karimnagar       | Patna            | Tirunelveli           |
| Dharamshala  | Karnal           | Port Blair       | Tirupati              |
| Durgapur     | Kavaratti        | Prayagraj        | Tiruppur              |
| Faridabad    | Kochi            | Puducherry       | Tiruvananthapuram     |
| Gangtok      | Kohima           | Ranchi           | Tumakuru              |
| Ghaziabad    | Kolhapur         | Rourkela         | Warangal              |

| 1 Star       |           |         |             |
|--------------|-----------|---------|-------------|
| Agartala     | Diu       | Jammu   | Moradabad   |
| Aizawl       | Erode     | Jodhpur | Muzaffarpur |
| Aurangabad   | Gulbarga  | Kargil  | Palampur    |
| Belagavi     | Guntur    | Kota    | Solan       |
| Bhagalpur    | Hamirpur  | Leh     | Thanjavur   |
| Bihar Sharif | Imphal    | Loni    | Toothukudi  |
| Cuttack      | Itanagar  | Mandi   | Vellore     |
| Davangere    | Jalandhar | Meerut  |             |