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Title – 'Smart Cities - Indicators'

Name of the Commentator/ Organization: Janaagraha Centre for Citizenship and Democracy

Recommendations on additional indicators under Finance

Clause / Para / Table / Figure No. commented	Comments / Modified Wordings <additional indicators proposed>	Justification of Proposed Change
8. Finance		
8.5	Own revenues to Total Expenditure	<p>8.5.1 General To gauge the ability of and control exercised by municipalities to fund its expenditure through income generated by own resources without reliance on state or central grants</p> <p>8.5.2 Supporting Indicator Requirements Own revenue to total expenditure will be calculated as all receipts from sources over which the municipality has power of levy such as: property tax, parking fees and fines, etc.) (numerator) divided by total expenditure of the municipality (denominator)</p> <p>8.5.3 Data Source The Annual Budget of the Municipality would provide information on the own revenue and total expenditure</p>

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8.6	Per capita Capital Expenditure	<p>8.6.1 General As capital expenditure is an expenditure incurred to acquire, build or upgrade fixed assets, per capita capital expenditure helps measure the quantum of funds used for creation of fixed assets as a function of the population using the assets</p> <p>8.6.2 Supporting Indicator Requirements Per capita capital spending shall be calculated as the total expenditure incurred to acquire, build or upgrade fixed assets during the year (e.g. expenditure on roads, bridges, sewage and drainage lines etc.), (numerator) divided by the city's population</p> <p>8.6.3 Data Source The figures used in this calculation should to be taken directly from the city's annual budget and the census data.</p>
8.7	Percentage variance between Budgeted and actual receipts and expenditure	<p>8.7.1 General As budgeting is essentially a spending plan, to gauge whether the municipality estimates its receipts and expenditure accurately</p> <p>8.7.2 Supporting Indicator Requirements Total receipts/expenditure budgeted for a particular year (numerator) divided by actual receipts/expenditure realised for the same period (denominator). Result shall be multiplied by 100 and expressed as a percentage</p> <p>8.7.3 Data Source The figures used in this calculation should to be taken directly from the city's annual budget</p>



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8.8	Number of externally Audited Financial Statements in public domain	8.8.1 General This indicator is intended to measure the transparency of the municipality on its financial health and the accounting practices being followed 8.8.2 Supporting Indicator Requirements The number of years in the previous five year period for which the municipality has had its financial statements audited and made the same available in the public domain 8.8.3 Data Source Website of the municipality

Recommendations on additional indicators under Governance:

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10. Governance		
10.7	Does the Mayor / head of the Municipality have a five year term, co-terminus with the municipality?	<p>10.7.1 General A minimum term of 5 years for the Mayor as head of the third tier of governance, in line with the tenure of the head of the State government (Chief Minister and Union government (Prime Minister) is an indicator of the empowerment of leadership in the Municipality</p> <p>10.7.2 Supporting Indicator Requirements The term of the Mayor / head of Municipality as determined by the tenure stipulated by the Municipalities Act of the respective State governments</p> <p>10.7.3 Data Source Municipalities Act of the respective State Governments</p>
10.8	Number of functions listed in 12th Schedule devolved to the council	<p>10.8.1 General The number of functions of the 18 listed in the 12th Schedule of the 74th Constitutional Amendment of India that have been devolved by the state government to the Municipality is a measure of the devolution to the Municipality</p> <p>10.8.2 Supporting Indicator Requirements The number of functions devolved to the Municipality to be assessed as the functions handled by the Municipality directly or by civic agencies under supervision and oversight of the Municipality</p> <p>10.8.3 Data Source Municipalities Act of the respective State Governments</p>



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10.11	Percentage of city budget allocated through participatory budgeting	<p>10.8.1 General The percentage of the city budget that has been allocated based on citizen's inputs which have been gathered formal institutional mechanism. This is an indicator of citizen's rights to participate in the affairs of their city</p> <p>10.8.2 Supporting Indicator Requirements Total amount of budget amount collated from citizen inputs for a particular year (numerator) divided by the total budgetary outlay for the same period (denominator). Result shall be multiplied by 100 and expressed as a percentage</p> <p>10.8.3 Data Source The figures used in this calculation should to be taken directly from the city's annual budget</p>

Recommendations on additional indicators under Planning

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18.Urban Planning		
18.5	Decentralised spatial development plan with 3 levels of currently notified SDP at regional, municipal and ward level	<p>18.5.1 General A Master Plan developed through a spatial development planning process with 3 levels: City, regional and Ward level.</p> <p>18.5.2 Supporting Indicator Requirements The Master Plan for the city should be developed through a spatial development planning process with 3 levels: city master plan, regional plan and ward- level plans. These plans have to be integrated into a nested structure with concurrent timelines</p> <p>18.5.3 Data Source Data may be obtained from Municipality, Development Authority, and Planning Authority.</p>
18.8	Public participation in formation of Spatial Development Plan	<p>18.8.1 General A transparent and participative planning process is of utmost importance to channel citizen concerns formally into their local planning process</p> <p>18.8.2 Supporting Indicator Requirements A public process of dissemination of Spatial Development Plan and participation should be held through formal platforms such as Area Sabhas.</p> <p>18.8.3 Data Source Data may be obtained from Municipality, Development Authority, and Planning Authority.</p>



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18.9	Number of building plan violations	<p>18.8.1 General The number of building plan violation is an indicator of adherence and enforcement of the Master plan</p> <p>18.8.2 Supporting Indicator Requirements The number of plan violations as registered by town planning authorities</p> <p>18.8.3 Data Source Data may be obtained from Municipality, Development Authority, and Planning Authority</p>
18.10	Number of building collapse related deaths per 100000 Population	<p>18.8.1 General One of the many measures used to demonstrate the effectiveness of the quality and enforcement of building regulations is the number of building collapse related deaths that occur on an annual basis</p> <p>18.8.2 Supporting Indicator Requirements The number of building collapse related deaths per 100 000 population shall be expressed as the number of deaths directly attributed to a building collapse incident with death occurring within 30 days. This indicator shall be calculated as the total number of such deaths recorded in a 12 month period (numerator), divided by one 100 000th of the city's total population (denominator). The result shall be expressed as the number of building collapse related deaths per 100 000 population</p> <p>18.8.3 Data Source Police Station-wise data can be consolidated to generate city level information. In addition, the local Fire Department Office, Insurance companies and the City Disaster Management Authority may also be a possible source for such information.</p>

Other Recommendations:

The Ministry of Urban Development (MoUD), had identified 28 service level performance indicators covering four basic urban services

1. Water Supply
2. Sewerage
3. Solid Waste Management, and
4. Storm Water Drainage

We would recommend that the indicators identified by the MoUD be also featured in the list of Smart Cities indicators. The same can be accessed here: http://moud.gov.in/sites/upload_files/moud/files/pdf/Indicators&Benchmarks.pdf