Liveability Standard$
in Cities

Methodology for Collection and Computation

Liveability framework covers all city typologies and provides for relative assessment
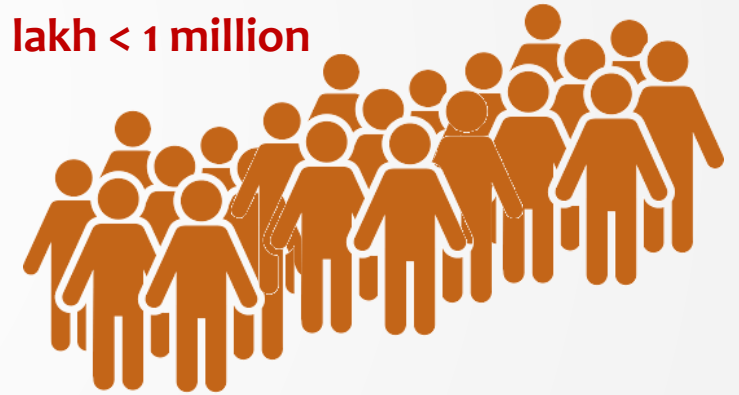
Small towns
Less than 50,000 population

Medium towns
Population ≥ 50,000 < 5 lakh

Large towns
Population ≥ 5 lakh < 1 million

Metropolitan cities
Population ≥ 1 million < 5 million

Megapolis
Population ≥ 5 million

Each city is assessed relative to its best performing peer(s).

4 Pillars	15 Categories	79 Indicators

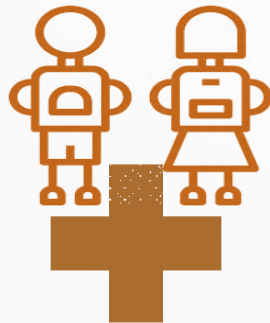**WASTE WATER MANAGEMENT**

SOLID WASTE MANAGEMENT

REDUCED POLLUTION

INSTITUTIONAL

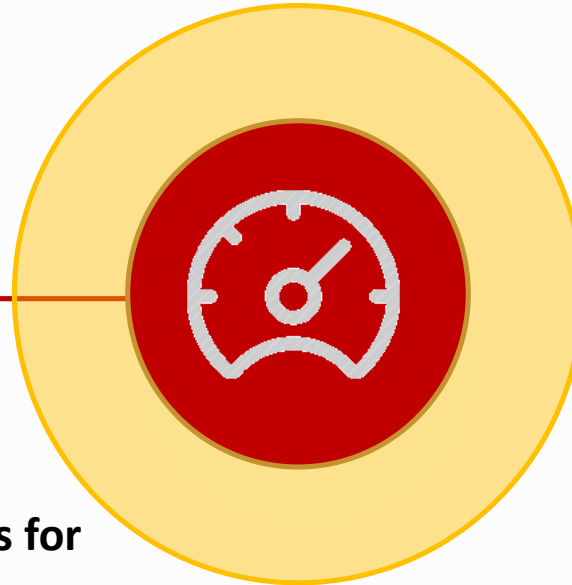**SOCIAL**

ECONOMIC

PHYSICAL

79 indicators comprise Core and Supporting indicators

E.g., **Indicator 1.1**
Percentage of citizen services available online

57
CORE INDICATORS

E.g., **Indicator 1.2**
Percentage of services integrated through Command Centre

Carry **70%** weights for

computation

22
SUPPORTING INDICATORS

Carry **30%** weights for

computation

Approach for Category Index Computation = **(Average score for core indicators* 0.7) + (Average score for supporting standards* 0.3)**

Liveability Index lays greater emphasis on physical infrastructure of the cities!

CITY LIVEABILITY INDEX

25% weightage	25% weightage	5% weightage	45% weightage

Housing & Inclusiveness Index (G)

Open space Index (H)

Mixed use and compactness Index (J)

Energy Index (K)

Mobility Index (L)

Identity & Culture Index (B)

Water Index (M)

Education Index (C)

Waste Water Index (N)

Health Index (D)

Solid waste Index (P)

Governance Index (A)

Safety & Security (E)

Economic Index (F)

Pollution Index (Q)

INSTITUTIONAL **SOCIAL** **ECONOMIC** **PHYSICAL**

Methodology for Index Computation

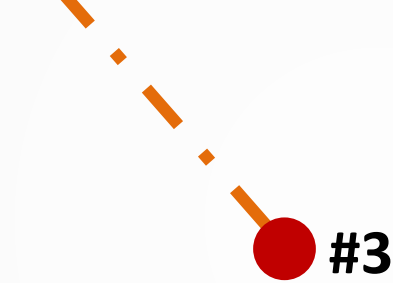| Pillar	Category Index	Average Value	Weight Adjustment	City Liveability Index
INSTITUTIONAL (25% weight)	Governance Index (A)	A	$T = A*0.25$	
SOCIAL (25% weight)	**Identity & Culture Index (B), Education Index (C), Health Index (D), Safety & Security (E)**	$R = B + C + D + E$	$U = R*0.25$	$T + U + V + W$
ECONOMIC (5% weight)	Economic Index (F)	F	$V = F*0.05$	
PHYSICAL (45% weight)	Housing & Inclusiveness Index (G), Open space Index (H), Mixed use and compactness Index (J) Energy Index (K), Mobility Index (L), Water Index (M), Waste Water Index (N), Solid waste Index (P), Pollution Index (Q)	$S = G + H + J + K + L + M + N + P + Q$	$W = S*0.45$	

Three-way data collection and validation strategy is proposed

#1 **#2**

Secondary and primary validation of data submitted by cities

Secondary data is provided by data owners – ULBs, Development Authorities, State Line Departments, Parastatals

#3

Dipsticks with citizens to gauge City Pulse on LIVEABILITY

Only #1 and #2 will be considered for computation of the Index

#3 to serve as reference point for cities for further improvements

Approach for data validation

Secondary and primary validation of data submitted by cities

Reference Indicator

Indicator 5.1: Number of streets, public places and major traffic junctions covered through CCTV cameras

Data required: No. of **operational** CCTV cameras installed
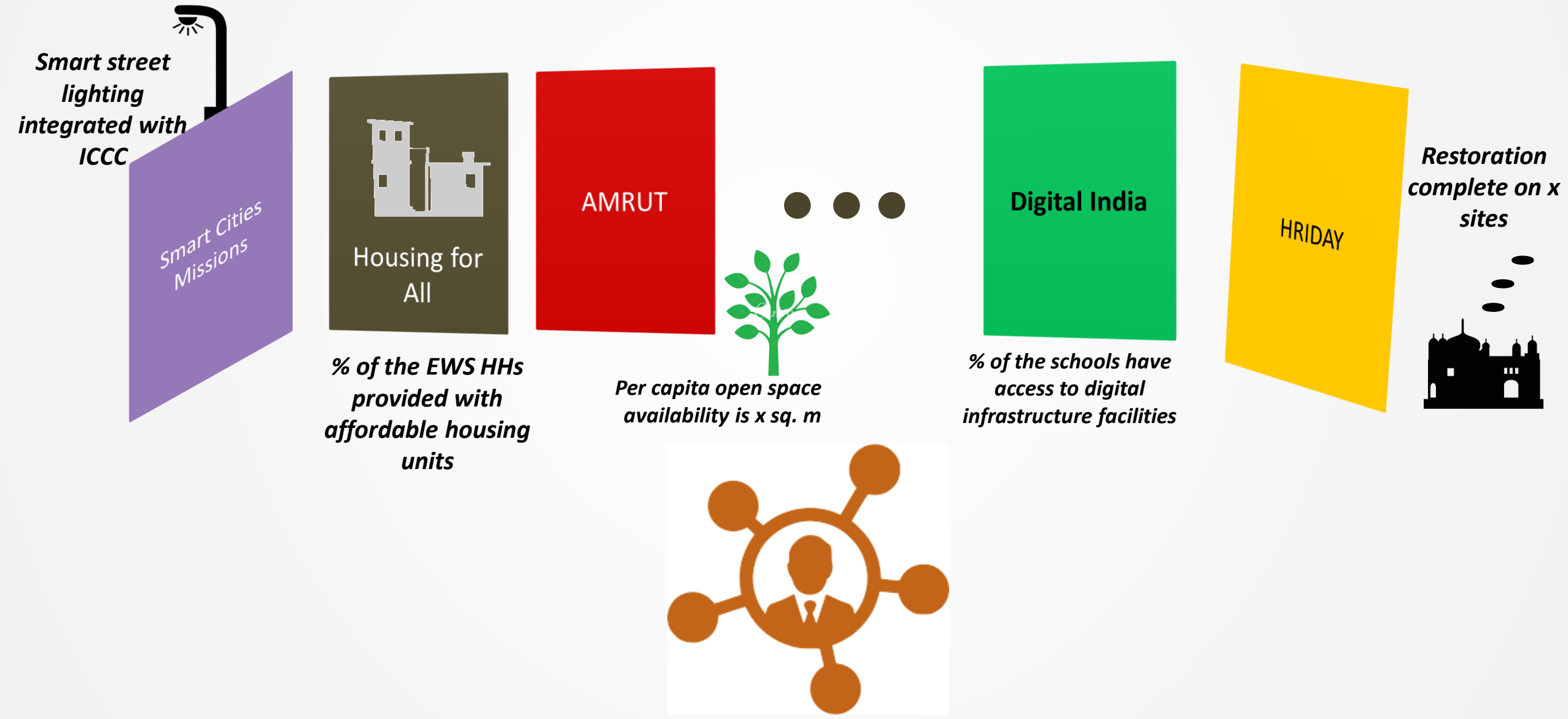
Data reported by City

- Overall **1500** CCTV Cameras installed

- **1000** CCTV Cameras are reported to be operational!

Validation approach

Physical survey of say, 30 CCTV cameras selected randomly from list of 1000 operational CCTVs provided by city

It provides a comprehensive picture to city managers by consolidating various schemes, missions and programmes

Smart street lighting integrated with ICCC

Smart Cities Missions

Housing for All

% of the EWS HHs provided with affordable housing units

AMRUT

Per capita open space availability is x sq. m

Digital India

% of the schools have access to digital infrastructure facilities

HRIDAY

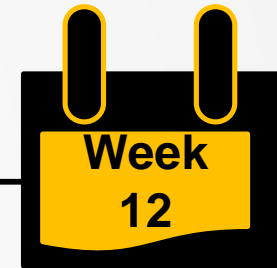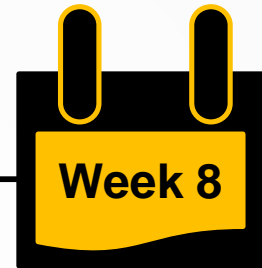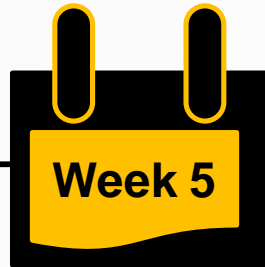*Restoration complete on x sites*

Broad timelines for the next ten weeks...

Feedback on Indicators and data sources

State/City level orientation

Secondary data submission

Liveability Index Computation

Week 2

Week 5

Week 8

Week 12

Its happening today!

Assessment of data availability, sources completed

Data owners identified

Data Entry Portal goes Live!

Cities start filling secondary data

Data submission complete

15 day window to revisit submitted data

Will feed into Indicator Finalisation

Will feed into City Inception Report

Real time progress monitoring and QC

Will feed into City Assessment Reports