

# Suggestion & Queries for AMRUT\* & Smart Cities\*\* guidelines

## Core Infrastructure Elements in a Smart City

Sl. No.	What the MOUD Smart City guidelines says**	What we would like to suggest – The thrust on Swaraj or Local Self-Reliance***
i.	Adequate water supply	Localized water grids, storm water drainage and rain water runoffs lead to wells, ponds and lakes; Remove all sources of pollution and contamination
ii	Assured electricity supply	Localized power grid based ONLY on renewable energy and demand management to match demand and supply – this includes innovative substitutes that eliminate electrical power to meet the need; Reducing consumption as well as relocating people
iii	Sanitation, including solid waste management	Sequestration of all household “waste” output streams – urine, faeces, organic leftover, paper, plastic, septic waste etc. for localized treatment and decomposition/recycling to create “technical nutrients”, EcoSan toilets, Separate bins
iv.	Efficient urban mobility and public transport	Personalized mobility service on a public infrastructure backbone and integrated multi-modal transport services for people and goods – Reference MetroLite/MobilityXS model incorporated in the National Urban Transport Policy 2005
v.	Affordable housing, especially for the poor	Housing using local and recycled materials; Safe and non-hazardous de-construction of expired housing stock; Demand management to match sustainable supply of housing units – co-housing and relocation
vi.	Robust IT connectivity and digitalization	Community approach to make them affordable and to manage demand to match sustainable supply
vii.	Good governance, especially e-Governance and citizen participation	Community approach with empowerment of ULBs to take all decisions in local matters
viii.	Sustainable environment	Localised food and social forestry using every inch of unused and conceivable space
ix.	Safety and security of citizens, particularly women, children and the elderly	Community approach to safety and security with minimal dependence on surveillance
x.	Health and education	Community approach and personalized service for all with voluntary social contributions and no burdening costs

\* <http://amrut.gov.in/writereaddata/AMRUT%20Guidelines%20.pdf>

\*\* <http://smartcities.gov.in/writereaddata/SmartCityGuidelines.pdf>

\*\*\*Economic Localization that aims at:

- Multi-agency coordination of economic localization
- Commitment to localization as overriding policy at federal, state, and local agencies
- Enhancing social equity through community accountability and oversight
- Development of a sound analytical basis for localization opportunities
- Self-reliance targets and timelines for key sectors, such as water, food, energy, waste management and production
- Programs and policies, such as procurement and investment reform, implemented by government, business, and community organizations.

Adapted from: [http://rprogress.org/sustainable\\_economics/economic\\_localization.htm](http://rprogress.org/sustainable_economics/economic_localization.htm)

## 11. Financing of Smart Cities → 11.1

The Smart City Mission will be operated as a Centrally Sponsored Scheme (CSS) and the Central Government proposes to give financial support to the Mission to the extent of Rs. 48,000 crores over five years i.e. on an average Rs. 100 crore per city per year. An equal amount, on a matching basis, will have to be contributed by the State/ULB; therefore, nearly Rupees one lakh crore of Government/ULB funds will be available for Smart Cities development.

Ref : <http://smartcities.gov.in/writereaddata/SmartCityGuidelines.pdf>

**Q1:** Shouldn't this amount of 1 lakh crores be made available to rejuvenate all the 10 core elements of Smart City infrastructure under the AMRUT program?

**Q2:** Where will the investments for Research, Design and Development of innovative solutions in each of the 10 core areas and at a holistic level that are so vital to transform our cities to good health and well-being going to come from? Could the amalgamation of the 100 Smart Cities program into the AMRUT program generate these much needed funds?