



CHANDIGARH UNIVERSITY

UNIVERSITY SCHOOL OF BUSINESS

Theme

Techno commercial ideas for sustainable smart city

The road to success is always under construction

- Lily Tomlin

About Smart City

The government of India has ambitious project to launch 100 Smart cities with view to address housing problems, on account of affordability, and increase investment in core infrastructure too. The smart cities are proposed to be built around expressways

Challenges

Smart city will have major challenges on account of sustainability model that is able to efficiently cater for portable water, green energy, waste management, technology enabler, health, education and employment besides security and socio- emotional needs of residents who would live and work in these smart cities

Brief about sustainability

Arthur D. Little (2004) defined 'sustainability driven' innovation as 'the creation of new market space, products and services or processes driven by social, environmental or sustainability issues.'

While a normal innovation will be generic, emphasis lies on fact that sustainable innovation will not only revolve around products, services, technology but an integrated model that solves problems faced by society as there is incremental burden on basic services like portable water, health services, energy needs, transportation, green house gas emissions, education and safety. Thus, sustainable innovation is not just about new

concepts but is about commercialization of technologies, products and services as well as entrepreneurship. Sustainable innovation is a real process where sustainability considerations (environmental, social, financial) are integrated into company systems at all stages, idea generation, to apt commercialization.

As per government of India (www.smartcities.gov.in) following priorities are listed for Smart City mission:

- i. Adequate water supply
- ii. Assured electricity supply
- iii. Sanitation, including solid waste management
- iv. Efficient urban mobility and public transport
- v. Affordable housing, especially for the poor
- vi. Robust IT connectivity and digitalization
- vii. Good governance, especially e-Governance and citizen participation
- viii. Sustainable environment
- ix. Safety and security of citizens, particularly women, children and the elderly
- x. Health and education

Evaluation Process

The evaluation process will involve four stages, namely-

- Originality of Idea
- Scientific feasibility
- Positive impact on smart city
- Financial viability in relation with smart cities
- Scalability
- Investors Friendly

The evaluation will be carried out by Expert Panels comprising of

- Scientific Panel
- Impact/ Policy validation panel
- Techno-commercial panel

Final Presentation

The finalist will be invited for formal presentation and pitching of their innovative ideas in front of expert panel.

Prizes

Besides regular prizes, short listed idea could be incubated by our Technology Business Incubator and pitched for funding to investors, through TBI.

Team's composition

Entries are kept open for all streams

Form for submitting Entries

Entry must be submitted on enclosed Format (<http://techinvent.cuchd.in/>) only and all other annexure could be attached

Reference suggested

Participants must visit, Govt. of India website on title, www.smartcities.gov.in