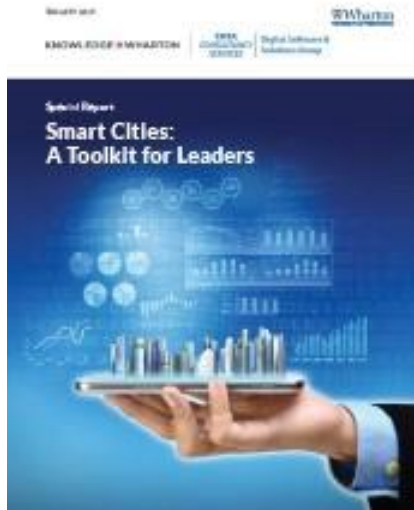***KNOWLDEGE@WHARTON A SPECIAL REPORT FOR MAYORS***

Wharton, University of Pennsylvania

TATA CONSULTANCY SERVICES (TCS)

Smart Cities: A Toolkit for Leaders

In collaboration with Tata Consultancy Services (TCS), Jan 02, 2019

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The definition of a "smart city" is changing. While it refers to a community that adopts technological tools to become more efficient, the term also increasingly encompasses ideas of sustainability, compassion and equity for all stakeholders. As cities embrace initiatives to become more connected, data-driven and resilient, mayors and other leaders often must prioritize various needs because of budget constraints. The key is to pick strategic projects that will bring the most impact to a city and result in increased well-being. To help mayors and civic leaders make meaningful choices on these issues, *Knowledge@Wharton* is pleased to offer this special report in collaboration with the Digital Software and Solutions Group of Tata Consultancy Services, which includes interviews with experts as well as examples from cities in the U.S. and Europe.

The topics include:

- **A Smart City Is More Than Just About Technology**
  In Smart Cities 3.0, the city positions itself as a platform that actively interacts, collaborates and co-creates with its citizens as valuable stakeholders.

- **Smart Cities: Identifying Needs, Finding Solutions**
  Early on, cities must prioritize their needs before they can find solutions, shortlist vendors, deploy equipment and implement projects to deliver the right outcomes.
- **Urban Planning and the Smart City**
  As cities embark on smart technology projects, their policymaking should focus on solving problems related to growing urban populations.
- **Using City Data to Develop Innovative Solutions**
  New levels of collaboration in the sharing of data are helping cities dramatically expand the reach and quality of services to residents.
- **Finding the Money for Smart City Initiatives**
  Cities are finding creative ways to finance smart-city projects. They are repurposing existing allocations, and aligning with the private sector, among other actions.
- **Refining Procurement Processes for Big Gains**
  While finding funding for new projects is often one of a city's biggest challenges, how well those monies are spent is equally important.
- **Tackling Governance Issues in Smart Cities**
  Being a metrics-driven city with a commitment to transparency, as well as the prudent structuring of incentives, go a long way toward enhancing governance.
- **Orlando: Securing Buy-in for Its Sustainability Program**
  Orlando, Fla., is one city that takes its sustainability efforts seriously. It decided to exceed even the climate-change goals of the 2015 U.N. Paris Agreement.
- **Atlanta: From Fiscal Crisis to Smart City Savvy**
  Atlanta, Ga., suffered fiscal woes for years, but these problems are now behind it. The city is looking to secure its future with smart-city initiatives.
- **Washington, D.C.: A Smart City Can Be Equitable**
  Washington, D.C., is proof that smart city initiatives can encompass equitability, resilience, sustainability and transparency/collaboration.
- **San Jose: The Silicon Valley City Gets Even Smarter**
  San Jose, Calif., is drawing from the talent in Silicon Valley for its smart city projects. One private sector tactic it is using: creating innovation roadmaps.
- **Kansas City: Making a City Data-smart**
  Kansas City, Mo., is a pioneer in leveraging public-private partnerships to provide free services to residents. But it is vigilant about protecting the privacy of user data.
- **The European Way of Designing Smart Cities**
  European cities are advanced in design and implementation of innovative models, but they face specific issues that challenge the very notion of a smart city.

Link: https://dss.tcs.com/knowledge-at-wharton-special-report-for-mayors-smart-cities/