



What does a Smart City look like?

- **Girish Betadpur**



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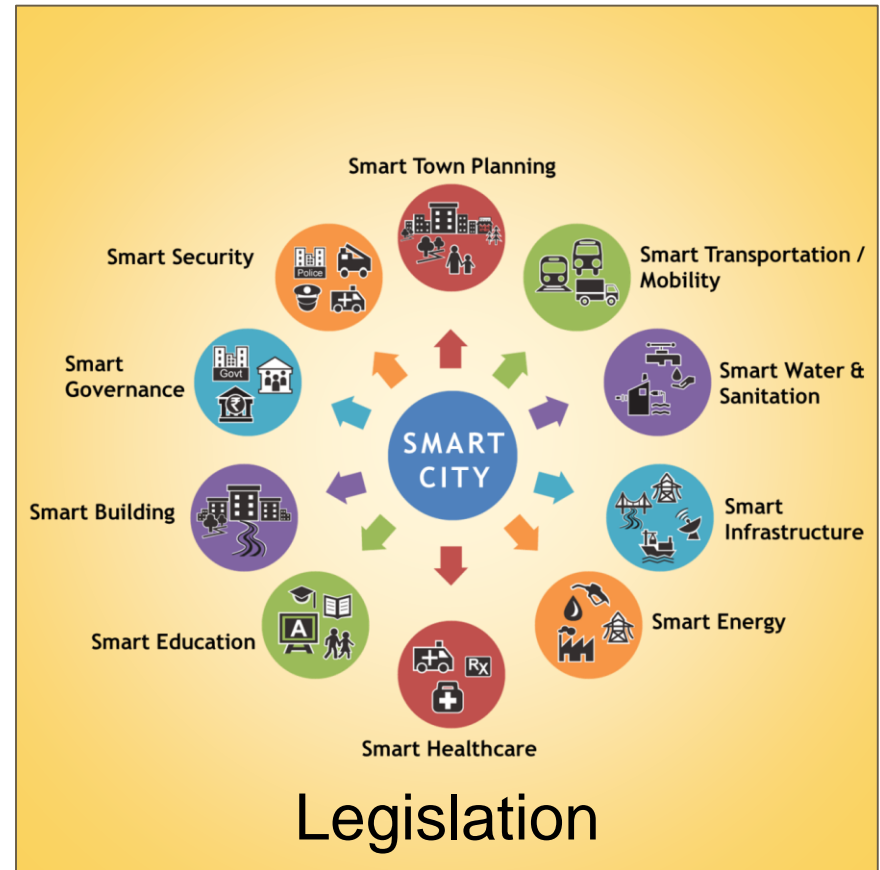
Briefly about Amnick

- We are a collaboration of ex-local government Directors, Universities, private and 3rd sector senior management across UK and Europe.
- We are working in partnership with Daily Telegraph, Emerging Europe, EDU World Holding, Universities, Research Centres, public and private sector organisations
- We create partnerships that lead to transformation of services, savings, efficiencies
- We put people central to all public and digital services
- *We make bad things good and good things better* 😊

What is a “Smart City”?

A **Smart City** is any urban area that uses the latest digital technology available (such as sensors, connected devices and real time analytics):

- To reduce costs and resource consumption
- To engage more effectively and actively with its citizens
- To solve the city’s challenges, and plan a better environment for the future.

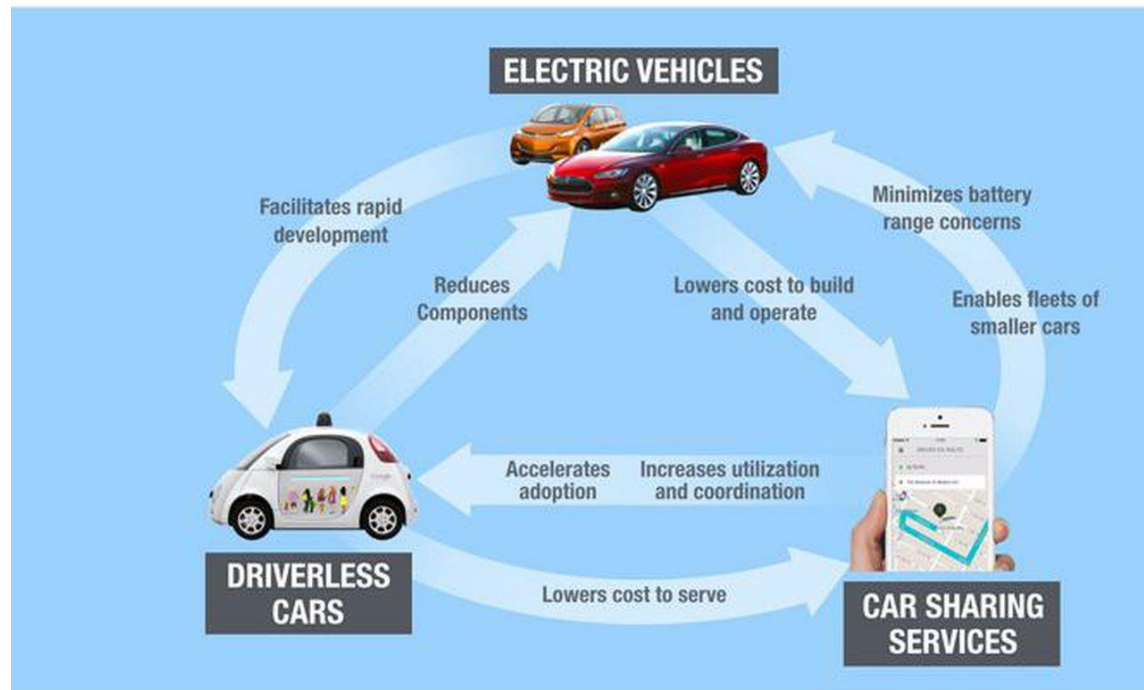


Digital Technology (E.g., 5G)

Smart Mobility

Electric vehicles facilitate the rapid development and testing of driverless technology.

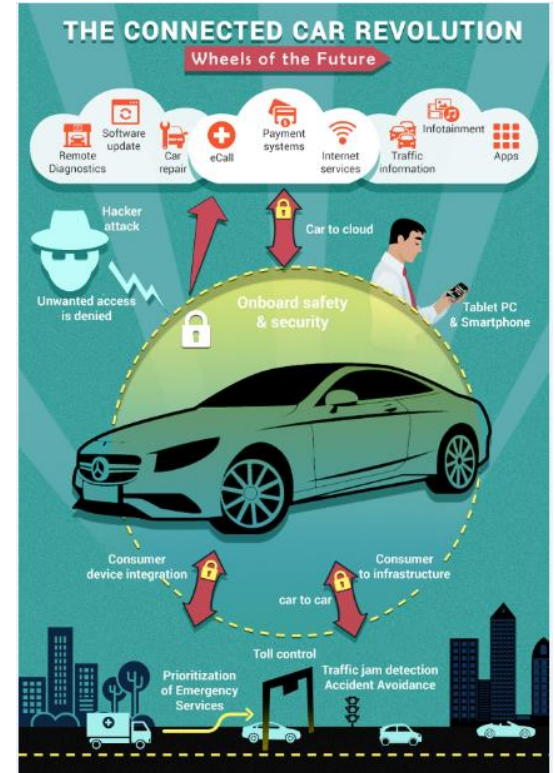
Driverless technology leads to seamless car-sharing services.



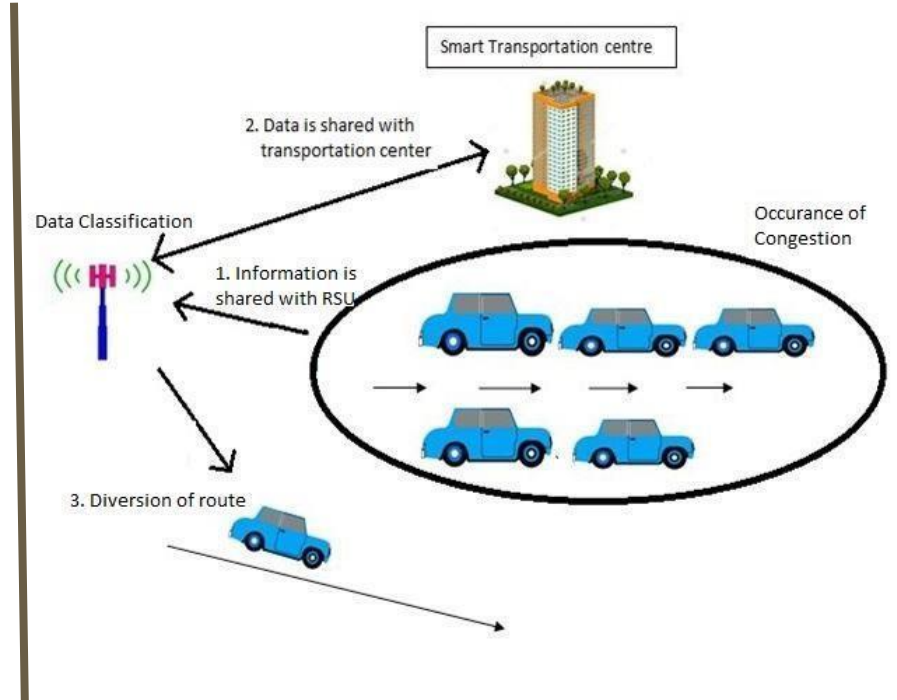
Smart Mobility - Connected Cars

5 ways a vehicle can be connected to its surroundings and communicate with them:

1. Vehicle to Infrastructure (V2I)
2. Vehicle to Vehicle (V2V)
3. Vehicle to Cloud (V2C)
4. Vehicle to Pedestrian (V2P)
5. Vehicle to Everything (V2X)



Smart Society - Traffic Management



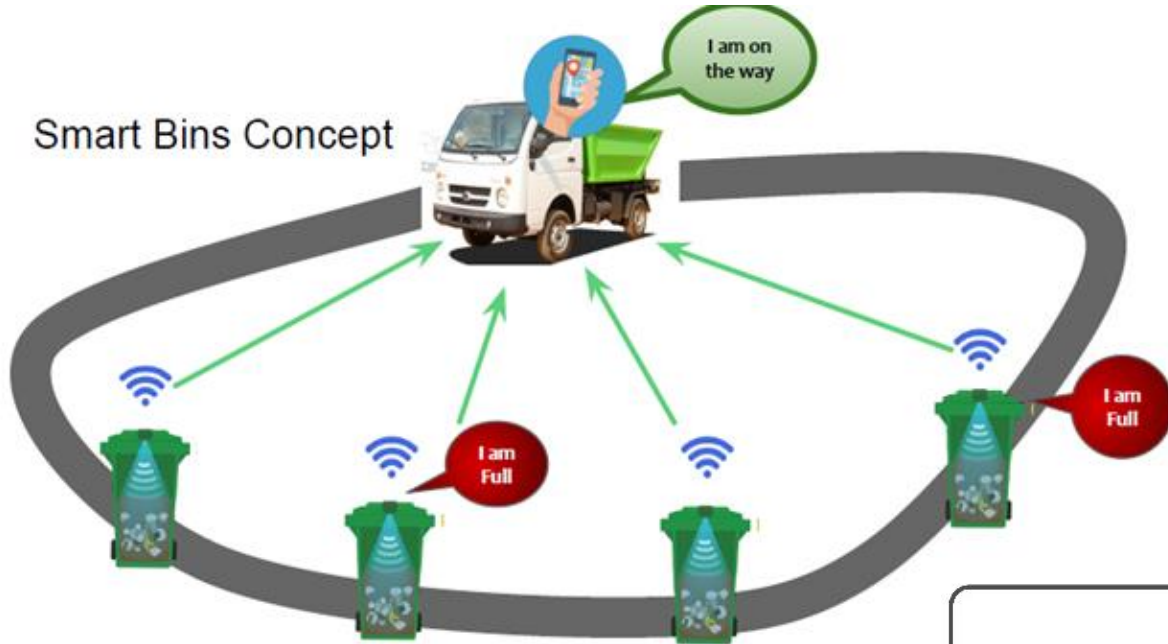
Smart Society - Medical Services

Remote operations with the surgeon in one geography and the patient in another.



Smart Environment - Smart Bins

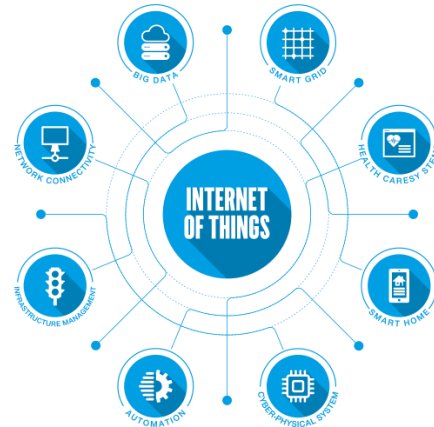
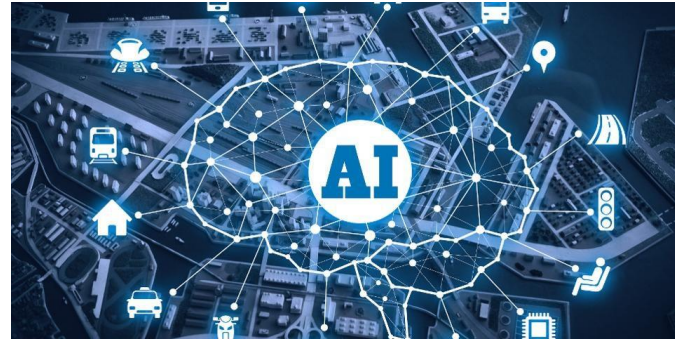
Smart Bins Concept



Cost ↓



Technologies enabling a Smart City



Top 5 Smart Cities



- ***Singapore***

- E.g., Sensors through the city to accumulate large amounts of data to monitor aspects such as parking, traffic and cleanliness

- ***Barcelona***

- E.g., Smart solutions to keep its population moving freely, including smart parking and traffic systems to monitor congestion

- ***London***

- E.g., Smart technology for tackling congestion, make parking simpler

- ***San Francisco***

- E.g., Smart parking which allows authorities to adjust parking prices in areas based on the number of available spaces

- ***Oslo***

- E.g., Licence plate detectors to calculate accurate congestion in the city



More
information

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