

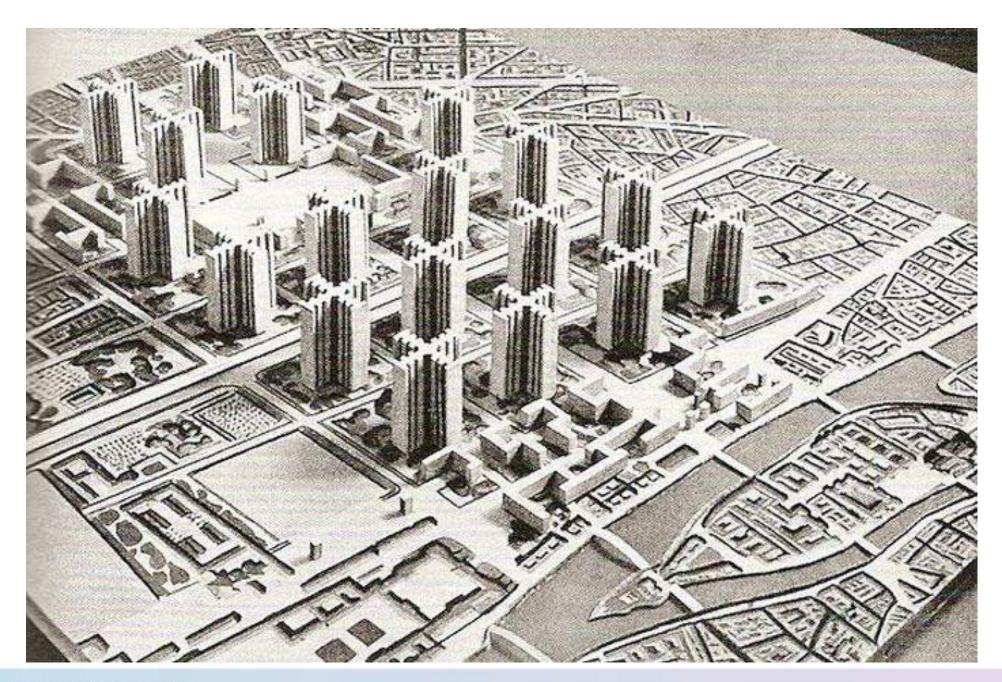
Re-Imagining Dubai Downtown Architecture in the Autonomous Vehicles Era

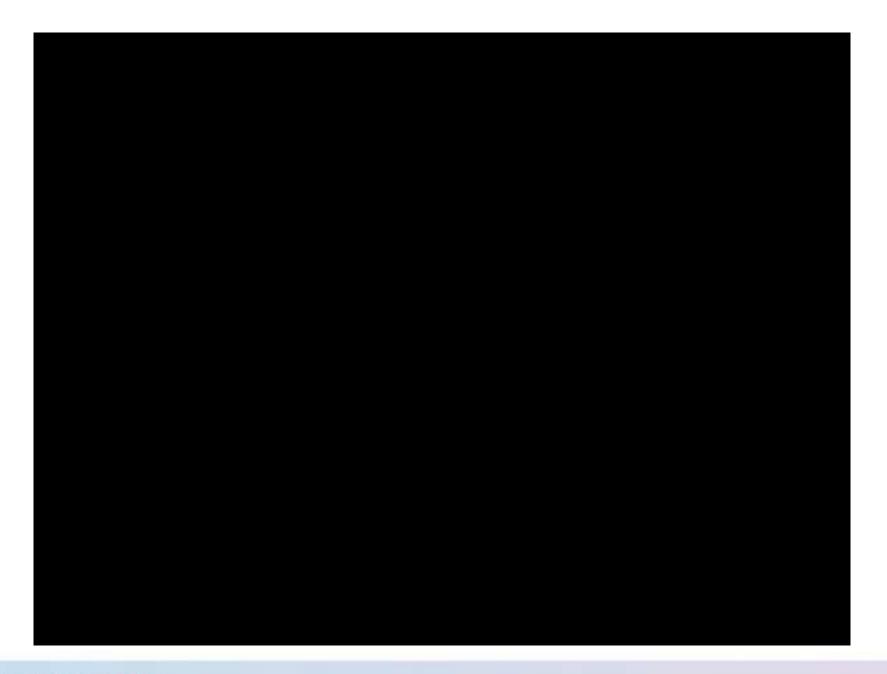
Dr. Dalia Hafiz
Assistant Professor, Al-Ghurair University





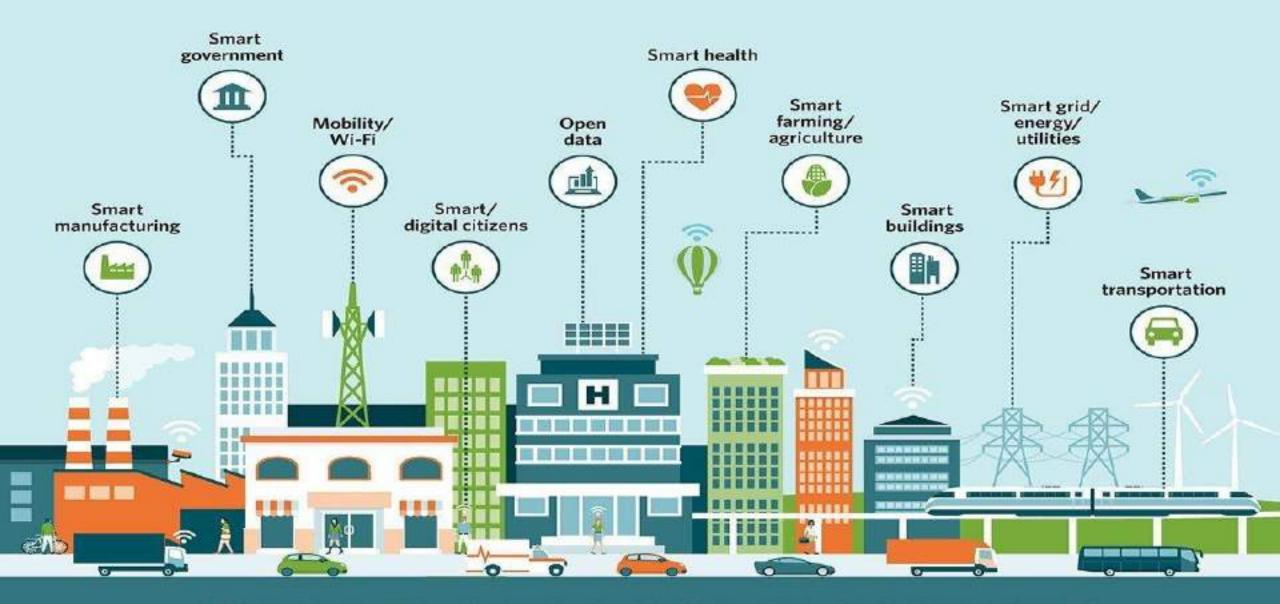






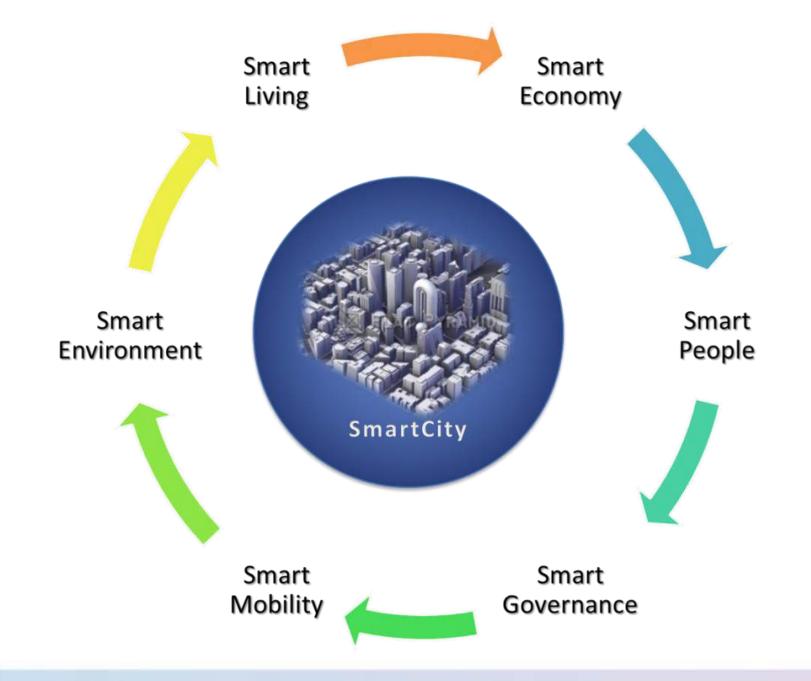






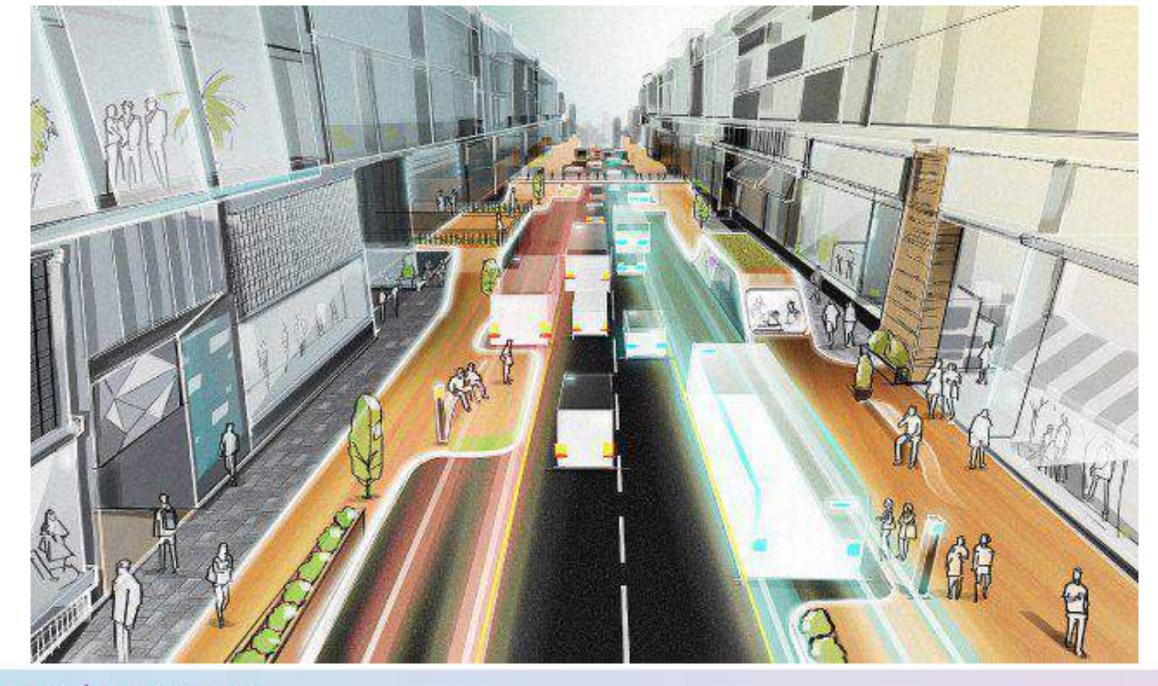
# SMART CITY COMPONENTS











# Pillars of a Successful Smart City

Safety

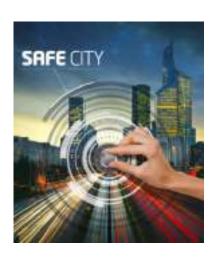
Comfort

nteraction and Space Making

Walkability

Sustainability

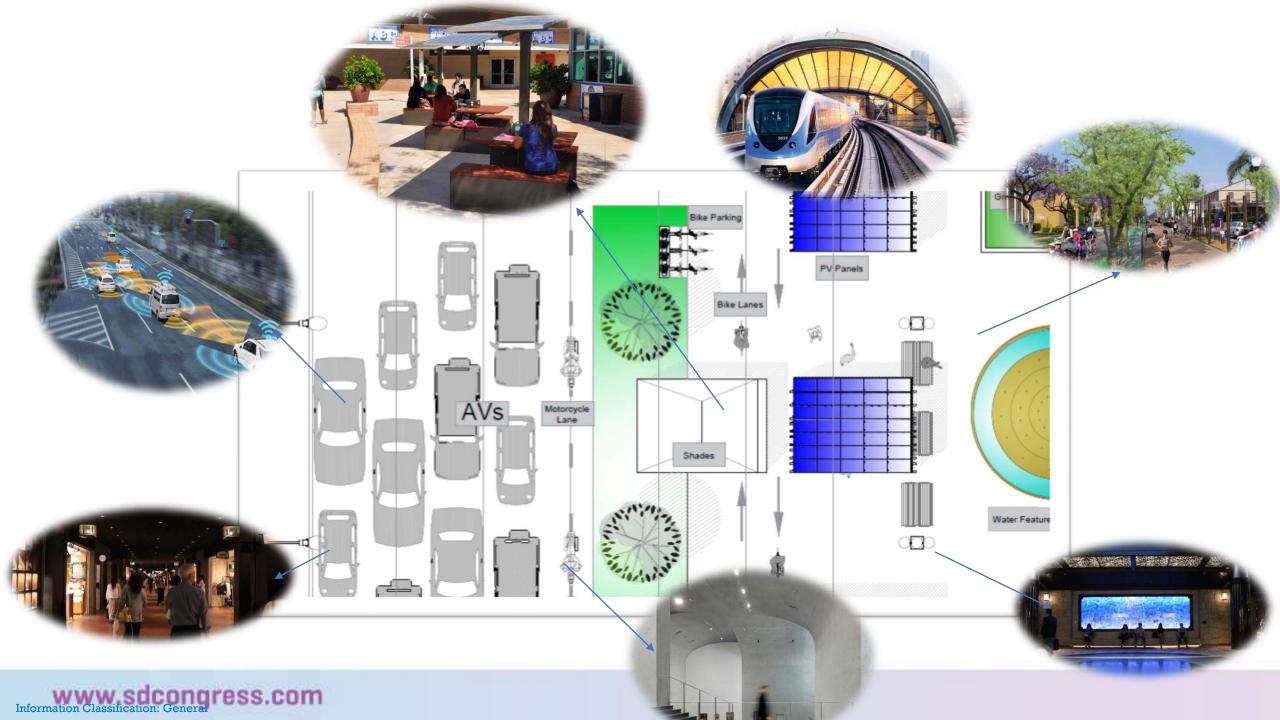
Healthy Environment

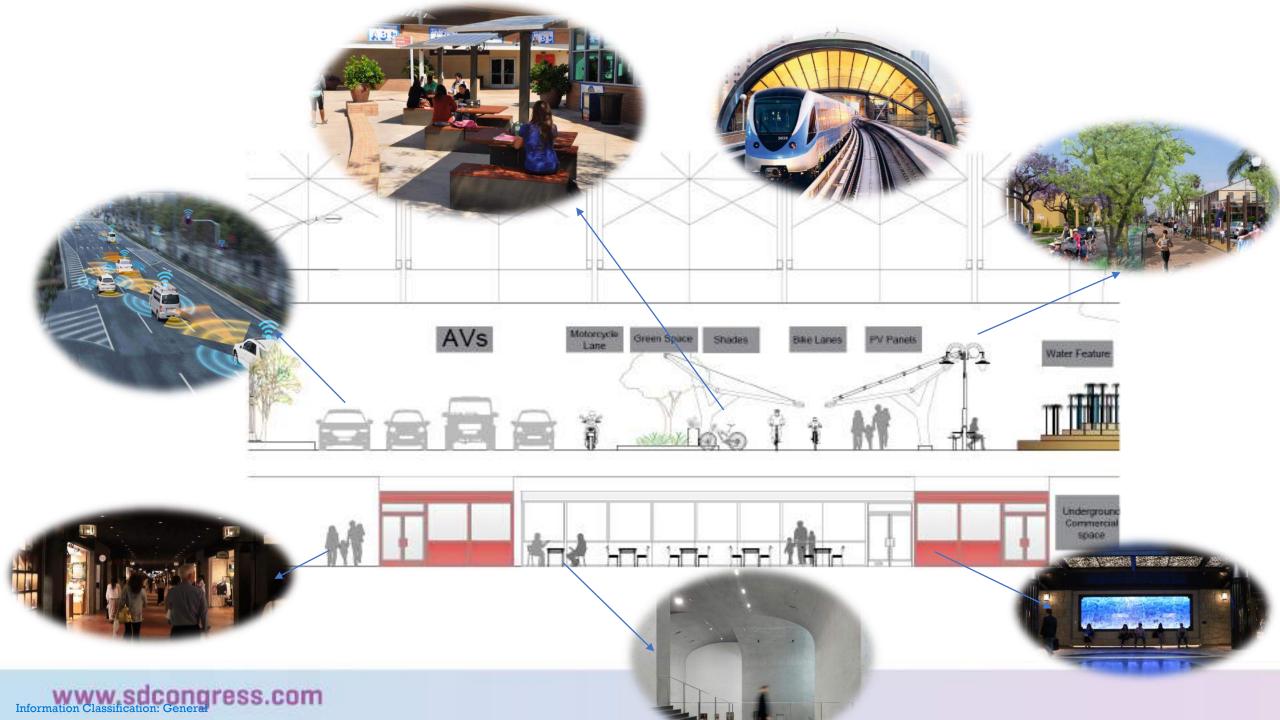












### GREEN CITY

Green Infrastructure Smart Energy and Utilities Transport efficiency





# ENERGY & UTILITIES

Power Generation Optimization **Grid Protection and Control** Intelligent Utility Network

## E-GOVERNANCE

Online Records Complaint Management **Payment Gateways** 





#### TRANSPORT

**Urban Mobility Solutions** Airport / Railway Management Fleet Optimization



Law Enforcement **Emergency Management** Security and Surveillance







#### EDUCATION

Analytics and research School Solutions Video conferencing



**Energy Optimization** Appliance Integration and control Smart Metering





#### HEALTHCARE

Remote Monitoring Asset Management Telemedicine

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