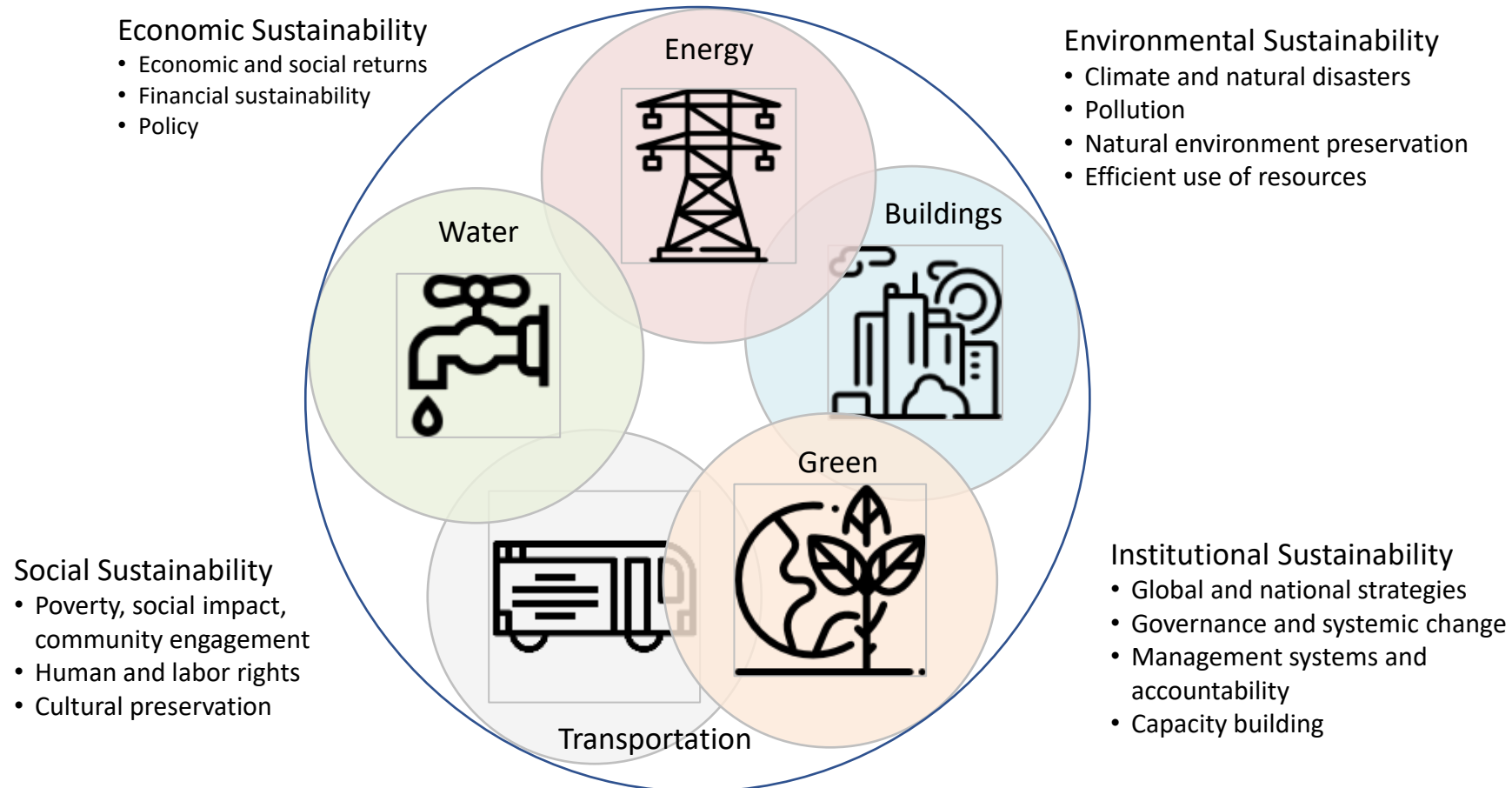


What is sustainable infrastructure?

Infrastructure projects that are planned, designed, constructed, operated, and decommissioned in a manner to ensure economic and financial, social, environmental (including climate resilience), and institutional sustainability over the entire life cycle of the project.

Source: "What is Sustainable Infrastructure?", Inter-American Development Bank, Technical Note IDB-TN-1388



Benefits of IoT in sustainable infrastructure

Improve city and community preparedness, responsiveness and resilience

Support ESG and DEI initiatives

Increase internal efficiency and productivity

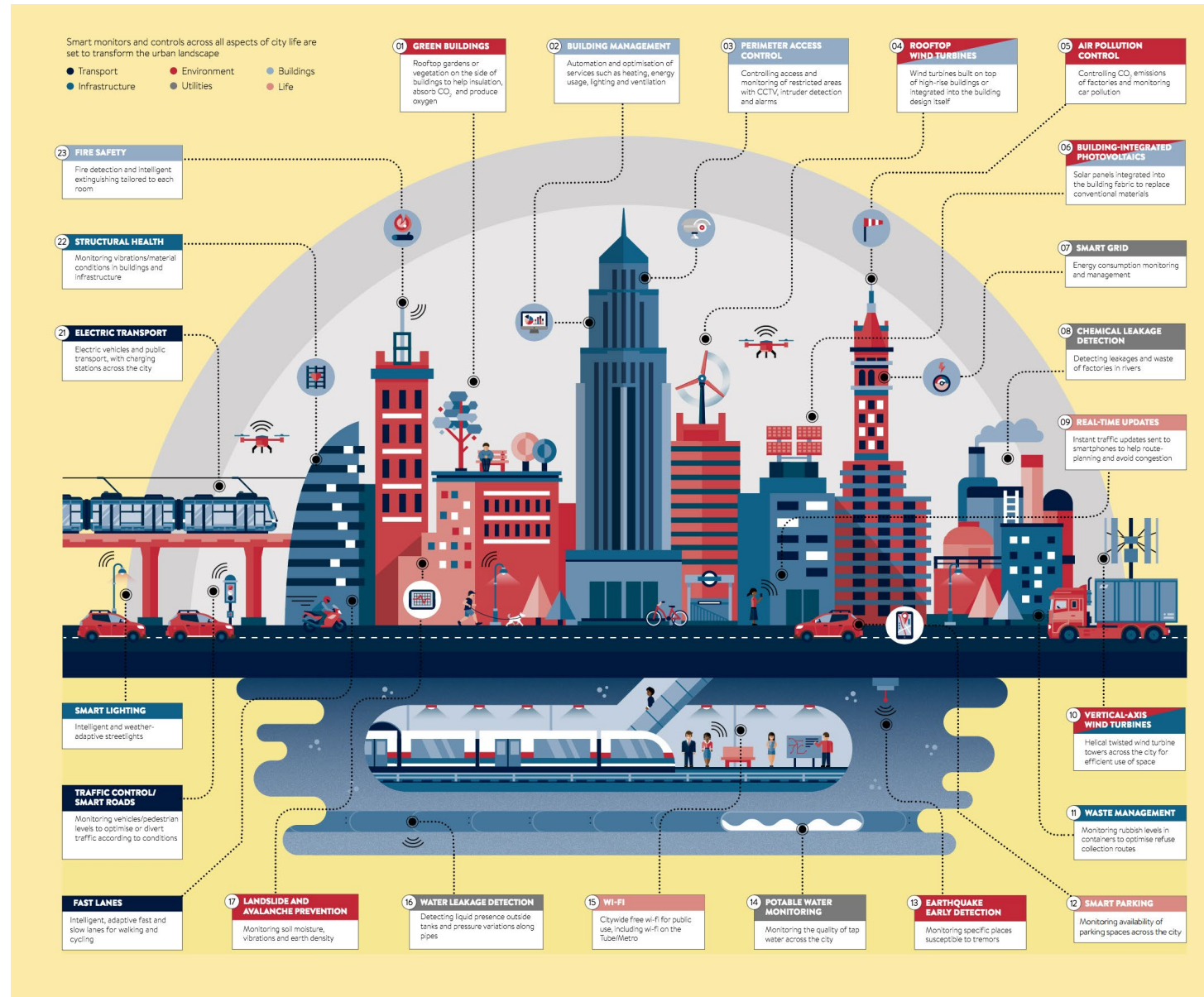
Quality of Life
Government Efficiency
Health and Wellness
Economic Development
Sustainability
Public Safety
Mobility
Resilience
Diversity, Equity, Inclusion

Reduce operating costs

Increase proactiveness and responsiveness to community needs

Increase and enhance city and community services

Areas of “smart infrastructure” and IoT opportunities in cities



Where does sustainable infrastructure fit in a city's plans?

Strategic Plan

“Top-down, multiyear, multi-department”



Mayor/Council

“Political priorities”

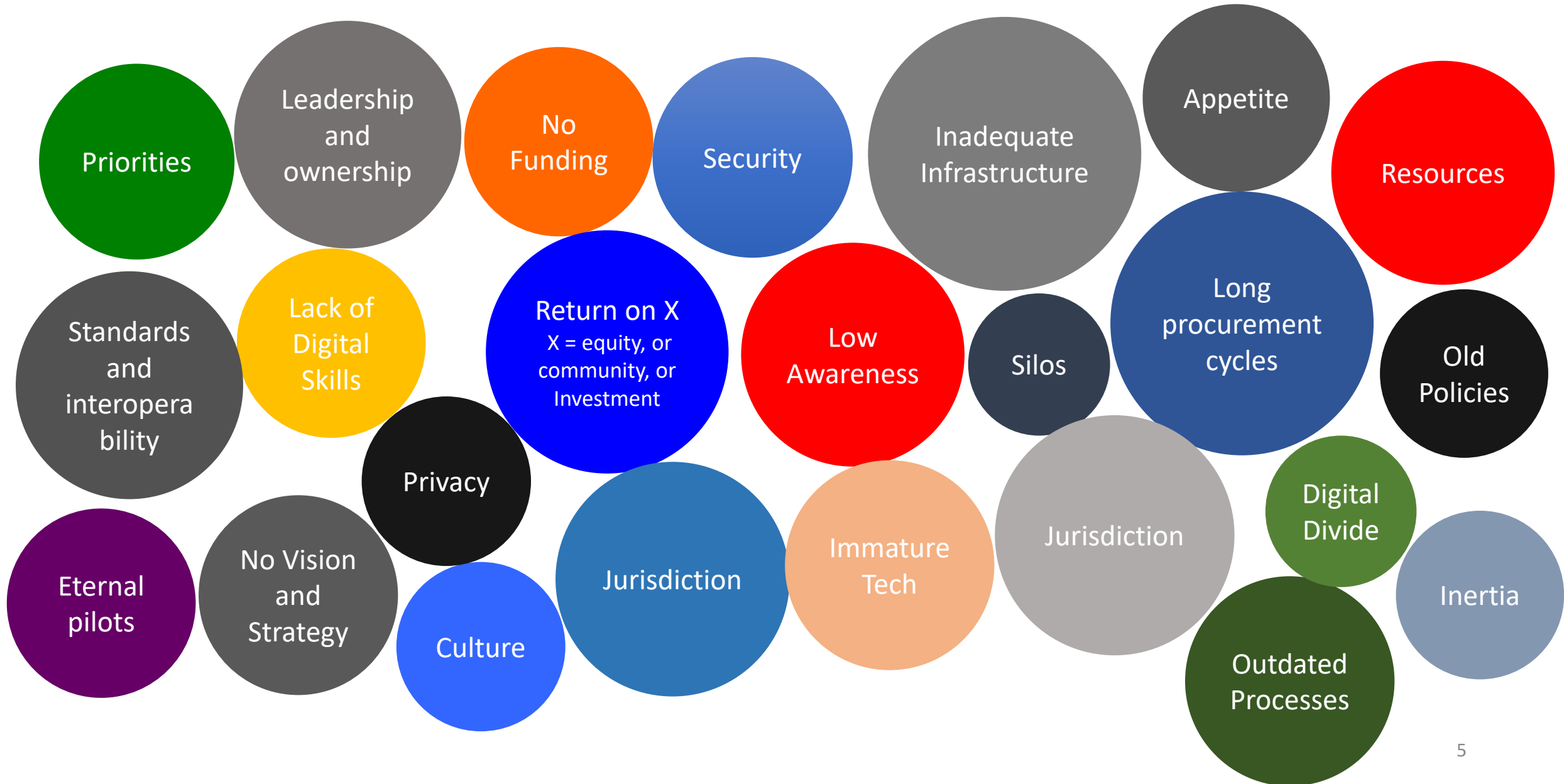
Operational

“Run the city, day to day”

Unplanned

“Stuff happens”

Common barriers



Possible areas for recommendations - framework

