



Smart City Technology 101

Lisa Nisenson

Alta Planning + Design | GreaterPlaces

@greaterplaces | @nisenson

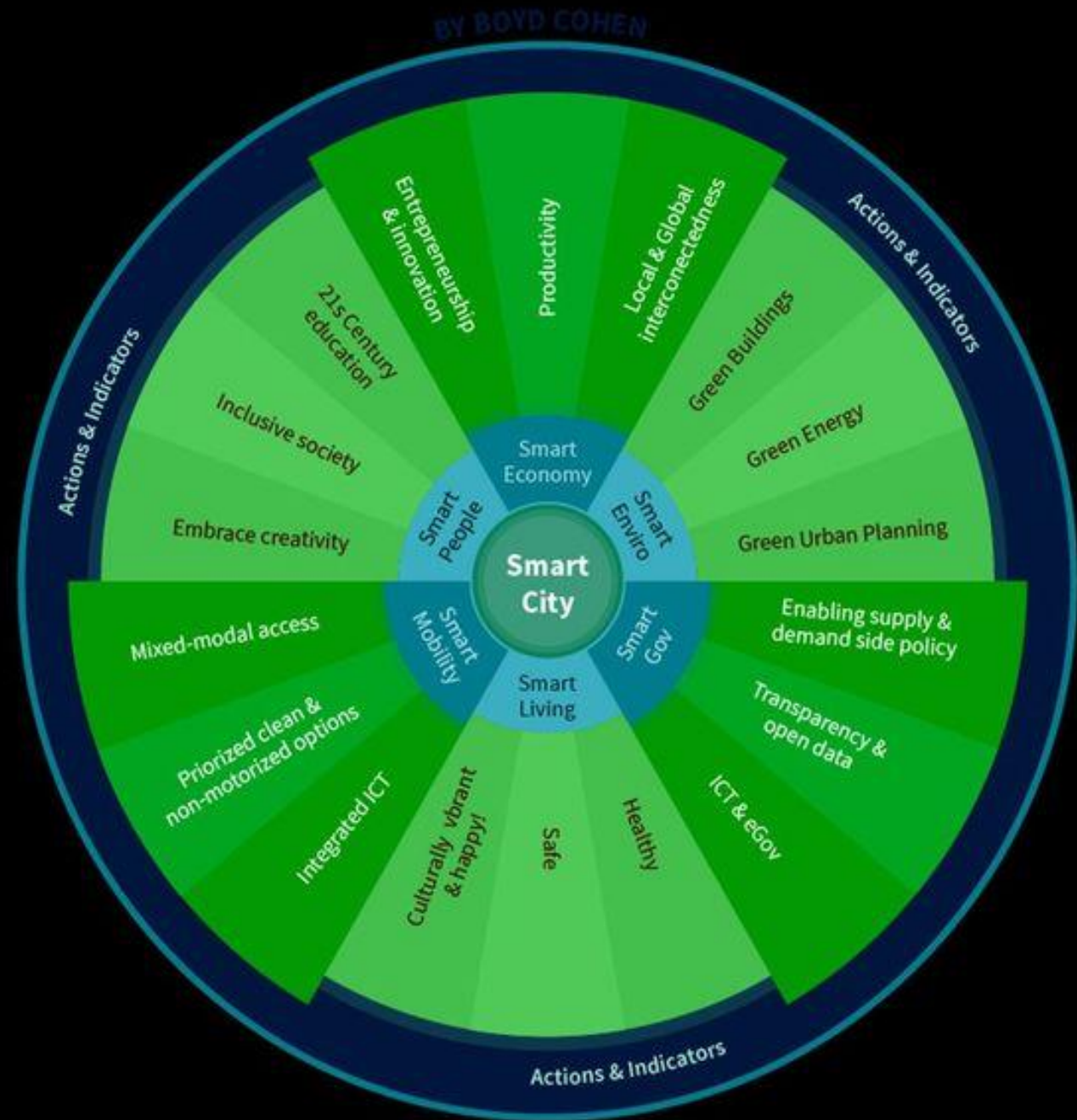


What is smart city technology?

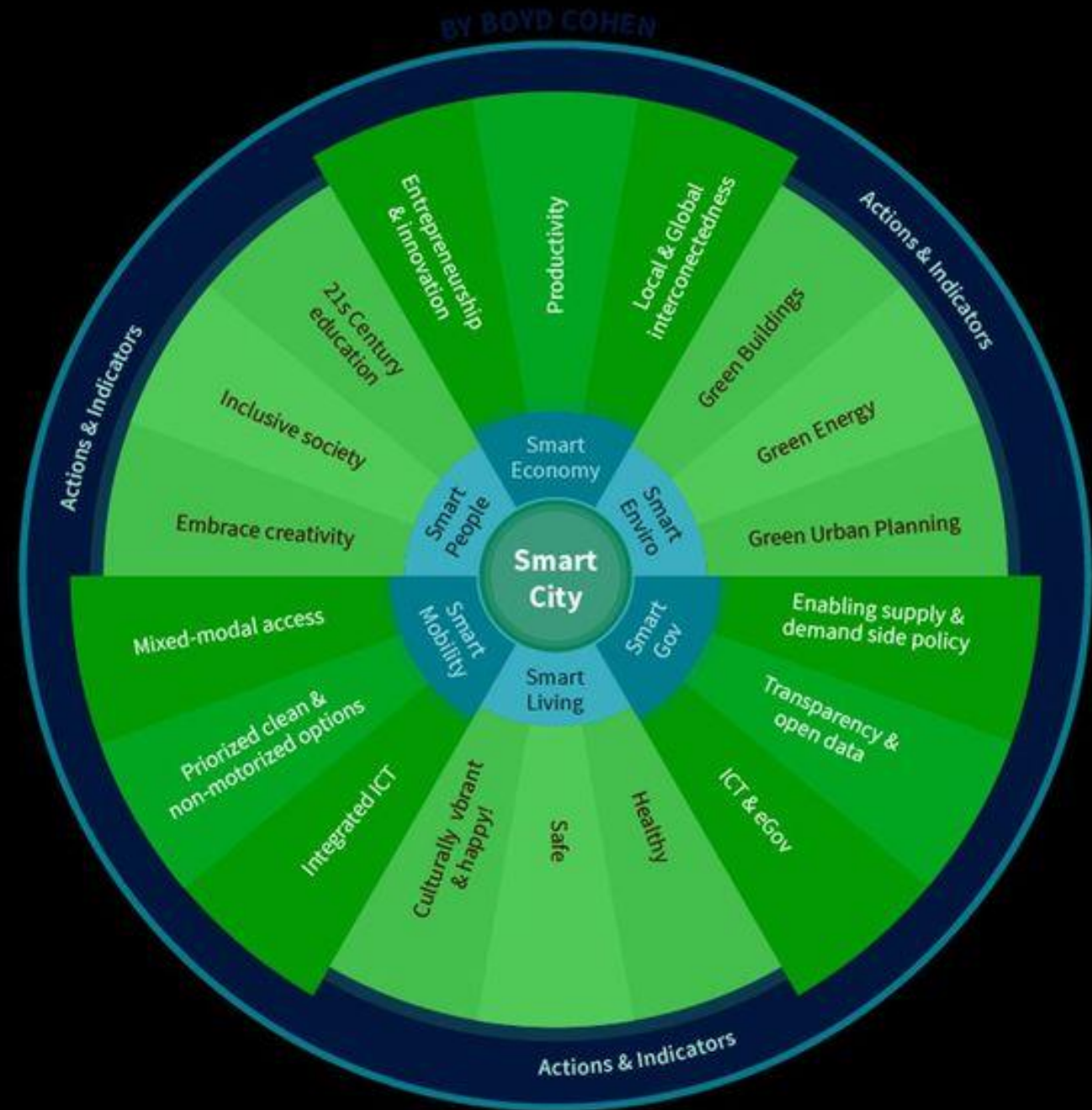
- How do we maximize benefits?
 - Design with community
 - Economic Power & Ecosystem
 - Prevent & Solve Problems
- How do we solve for main concerns?
 - Security
 - Privacy
 - Equitable benefits

What is smart city technology?

A smart city is a community vision to integrate technology in a secure fashion to better predict, analyze & manage a city's (or town's) assets



1. Forecasting
2. Information & communication (ICT)
3. eGovernment
4. Building + vehicle
5. Internet of Things (IoT)
6. Platforms to pull data together





EXAMPLES

Cisterns with weather-alert- connected nozzles

Gun shot detectors

Bridge crossing gates that close when flooding occurs upstream

App that alerts subscribers to location-specific news using beacons

Mixed reality app to envision a rezoning





Use Case: Louisville KY used sensors on asthma inhalers to track time/location of use
Result: Defined and solved for asthma hotspots | reallocated resources to solve hotspots