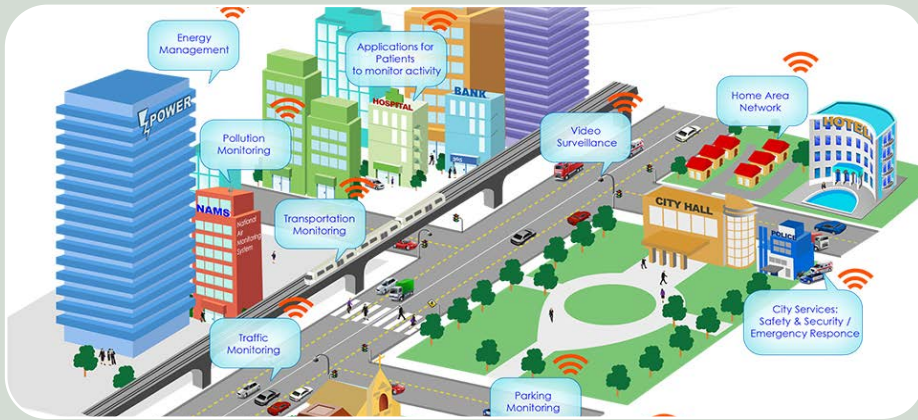


# The Role of Public-Private Partnerships in Khon Kaen's Smart City Development

Dr. Bruce Gilley, College of Urban and Public Affairs, Portland State University





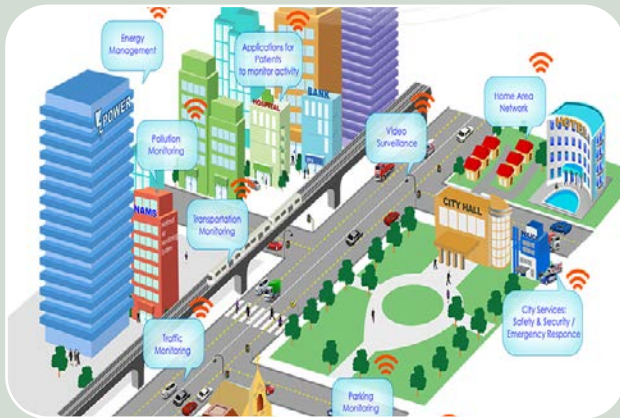
# Smart City

Investment environment  
and opportunities

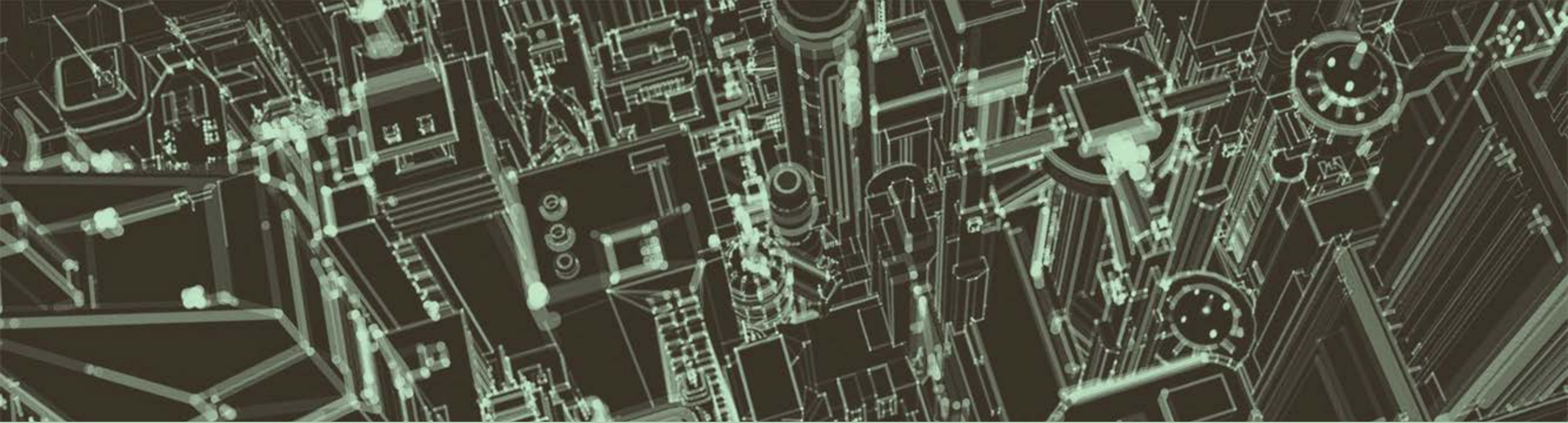
# PPPs

Innovative and inclusive  
solutions





**Local  
government**  
✓ **pro-active**  
✓ **strategic**  
✓ **networked**



# Smart City Concept







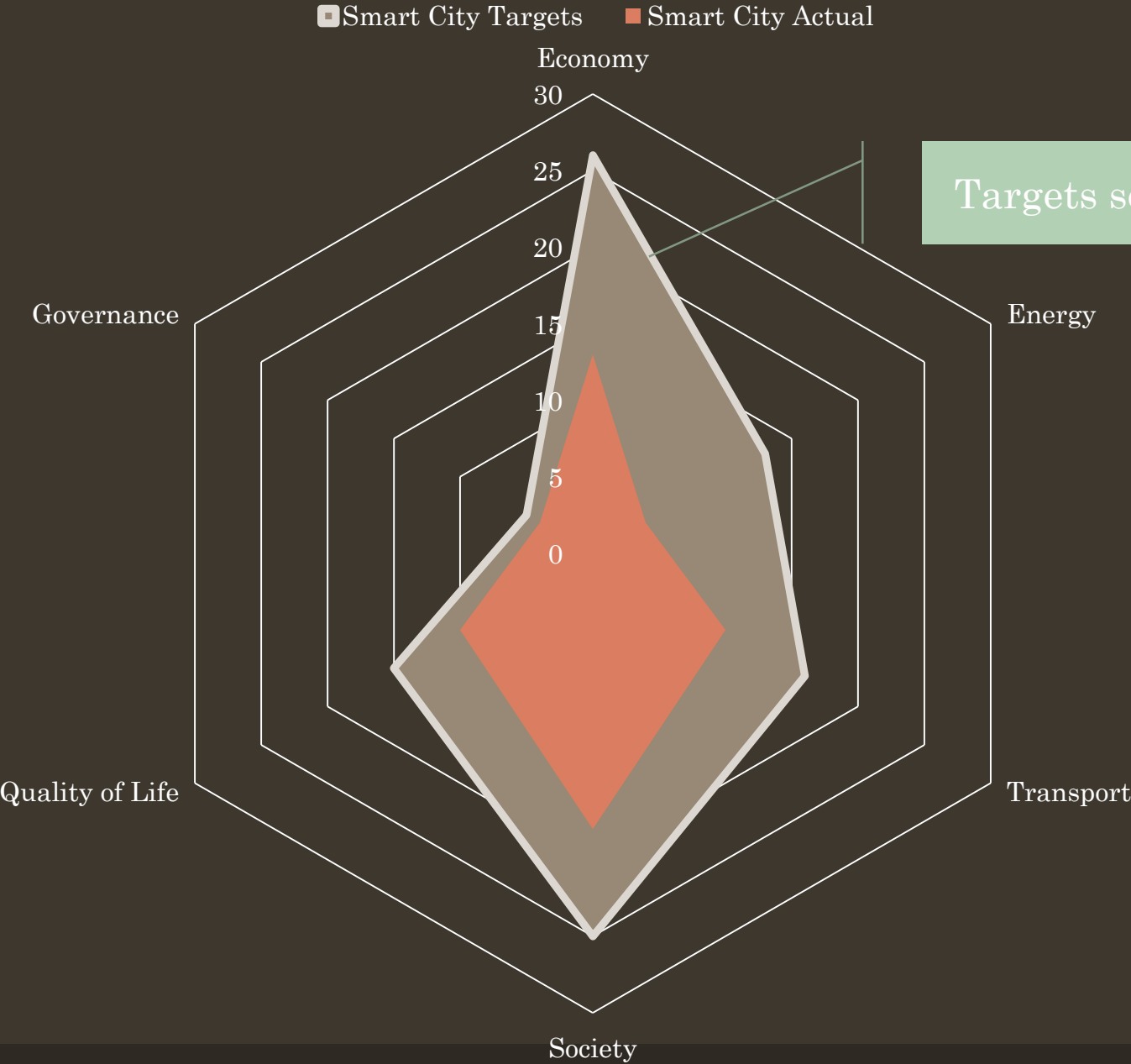
**SOCIAL CAPITAL**  
Spirit, Government, Culture,  
Social Cohesion, Education,  
Art, Innovation



**ECONOMIC CAPITAL**  
Technology, Entrepreneurship,  
Energy, Human Resources,  
Finance, Infrastructure,  
Environment

# Why social capital matters...





Targets set by citizens and experts

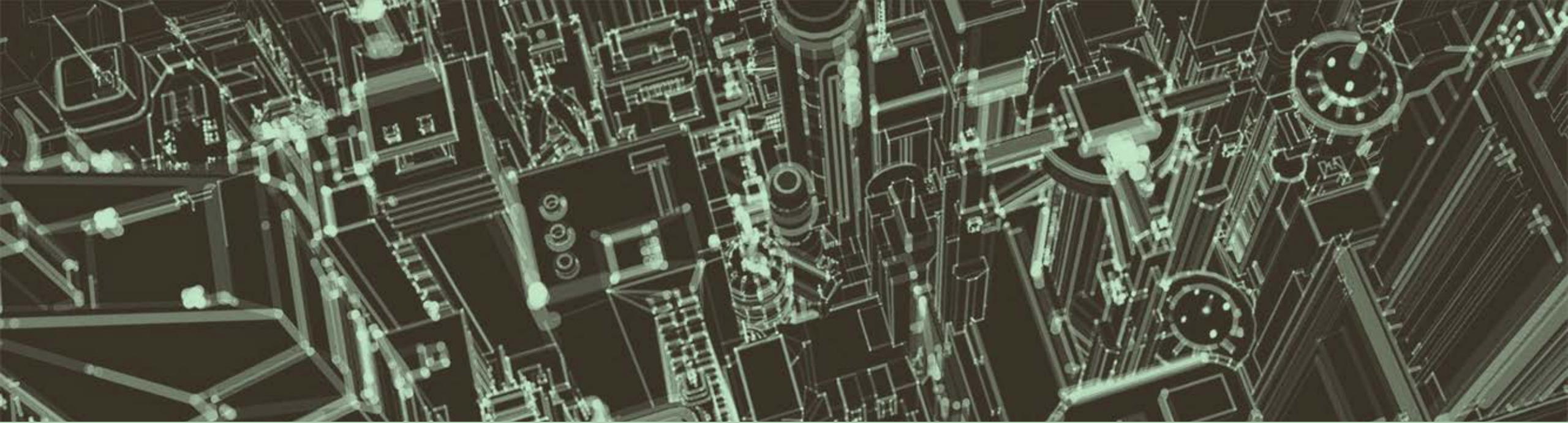
# Measuring Success

# Portland Willamette Falls



<https://vimeo.com/194570926>





# Public Private Partnerships



# How PPPs Support Smart Cities

Smart City has “an emphasis on business-led urban development and creative activities for the promotion of urban growth” (Vito Albino)

PPPs bring together:

- Capital, risk sharing, contracting simplification

For Smart cities, PPPs add:

- Socially inclusive development model
- Innovative solutions and applications

# How Smart Cities Support PPPs

- Pro-business environment
- Transparency of government
- Civic networks
- Positive feedback effects
- Flexible land use for land contribution and assemblage
- Smart city grants and loans
- Accelerated building permitting
- Assistance in coordinating governmental approvals



# Khon Kaen Light Rail Project

**Economic Capital**



Transport,  
Technology,  
Environment

**Social Capital**



Government,  
Innovation,  
Cohesion



# Portland Airport Light Rail

“These were leaders with the intuition to read each other, to sense the political moment, and act without delay on their gut instincts.”

Private Partners (2): Bechtel, Trammel Crow Development

Public Partners (4): City, Port, Development Commission, Transit Agency

9km light rail, \$125 million capital costs

Daily ridership: 7,500 (forecast, 2001); actual: 21,000 (2017)

Transit-oriented development along line

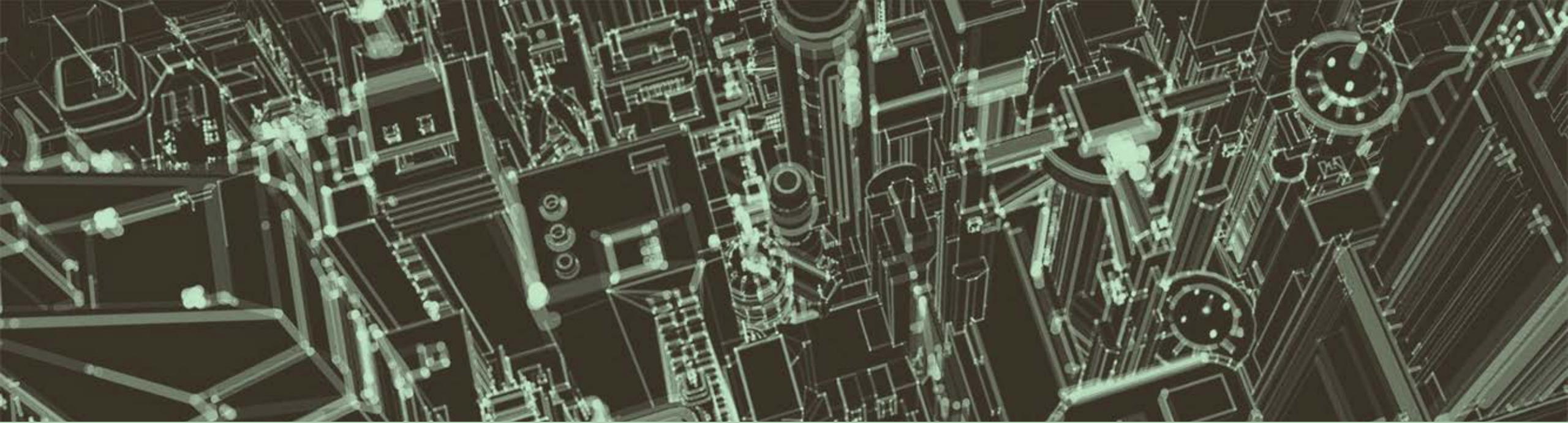


# New types: Recreation PPPs in Portland



- Recreation programming promoting physical activity (e.g. Biketown)
- Capital improvements in park facilities that enhance the visitor experience
- Programming river use and boating, as well as dock use
- Development and operation of indoor recreation facilities (indoor soccer, tennis, etc.)





# Local Government



# Local Government for Smart Cities

- **Pro-active** - know your opportunities
- **Strategic** - know your vision
- **Networked** - know your private sector and your civil society



# COLA/KKU as “Public Affairs Leaders”

- Incubate new ideas for the Smart City
- Initiate contacts with local partners (government, business, civil society)
- Integrate ongoing public management issues
- Investigate project lessons learned





# We are here to help!

