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

PPPs

Investment environment and opportunities

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...
Measuring Success

Targets set by citizens and experts
Portland Willamette Falls

Social Vision → Economic Vision → Smart Project

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!