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From i-Waterfront to i-Canada

The Role of Intelligent Communities in Canada's Digital Opportunity

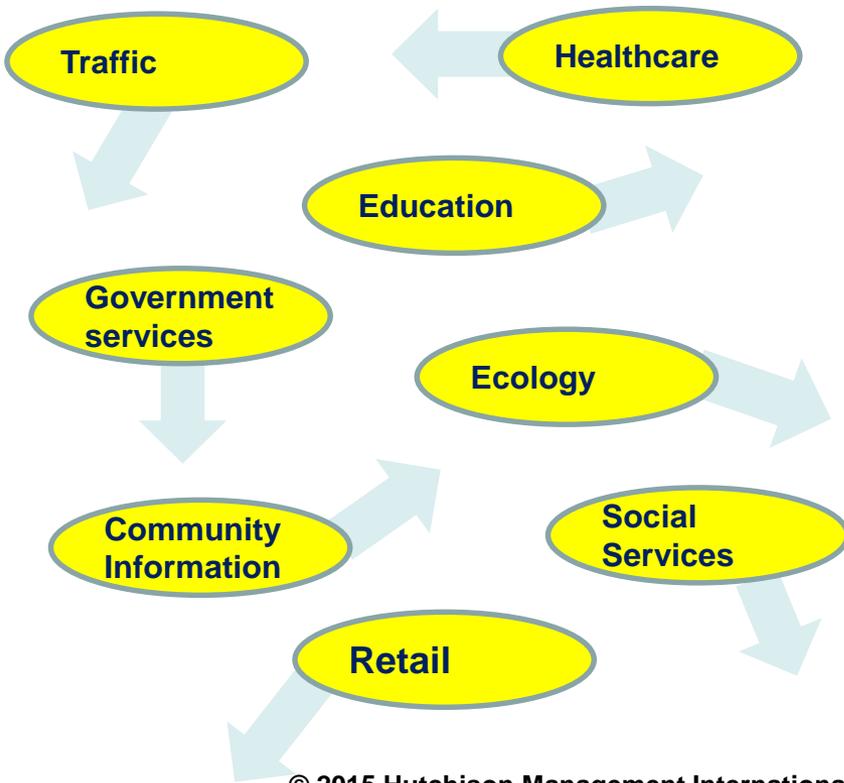
April 29, 2015



From Automation to Smart/Intelligent Communities: Adding “Strategic Alignment”

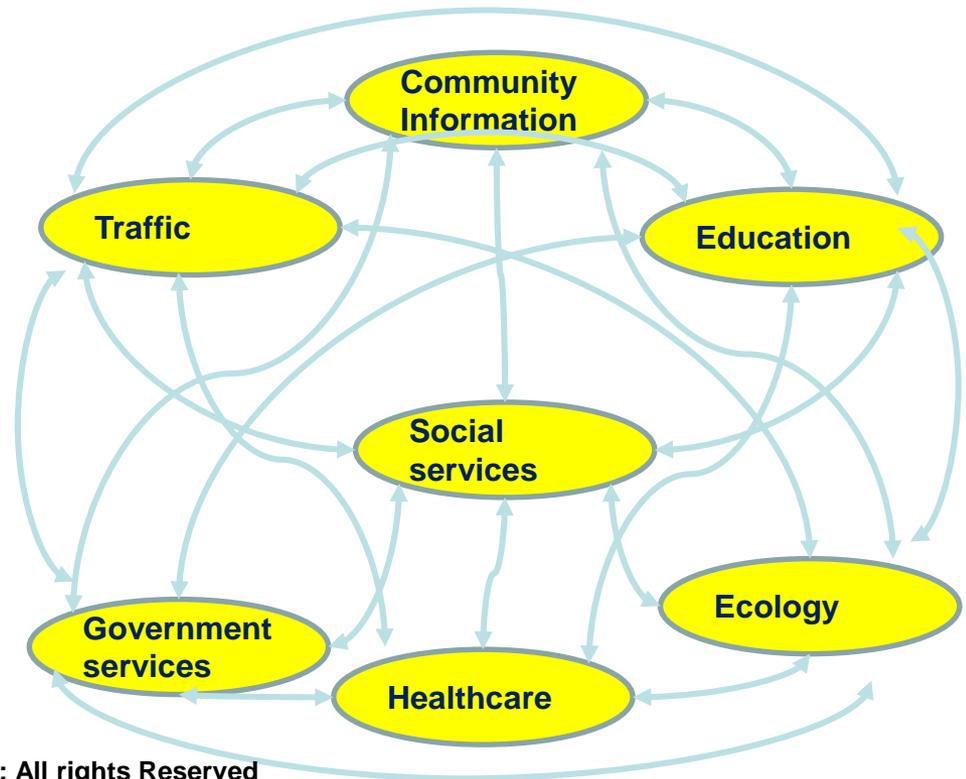
Smart City 1.0

Focus: Automating the Functions



Smart/Intelligent Community 2.0

Focus: Coordinated/Connected Strategy



Creating Toronto's New Blue Edge

Welcome to Waterfront Toronto



WATERFRONTToronto



This \$34 Billion 2000 acre urban revitalization project is one of the world's largest: Located adjacent to North America's fastest growing large urban region



WATERFRONTToronto

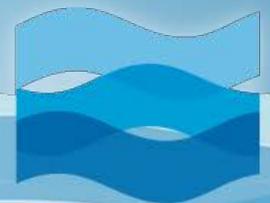


Designated Waterfront Area



HOW BIG IS THIS PROJECT?

- The largest urban redevelopment project in North America
- One of the largest waterfront revitalization initiatives in the world
- 800 hectares – roughly the size of Toronto’s major downtown core from Bathurst Street to Sherbourne Street and Front Street to Bloor Street
- 25 years to full build out
- \$1.5 billion government investment
- \$34 billion investment
- \$4.3 billion in public infrastructure
- 40,000 new residences





Waterfront Toronto,
Canada

Canary Wharf
London, U.K.

Battery
Park,
New York
City



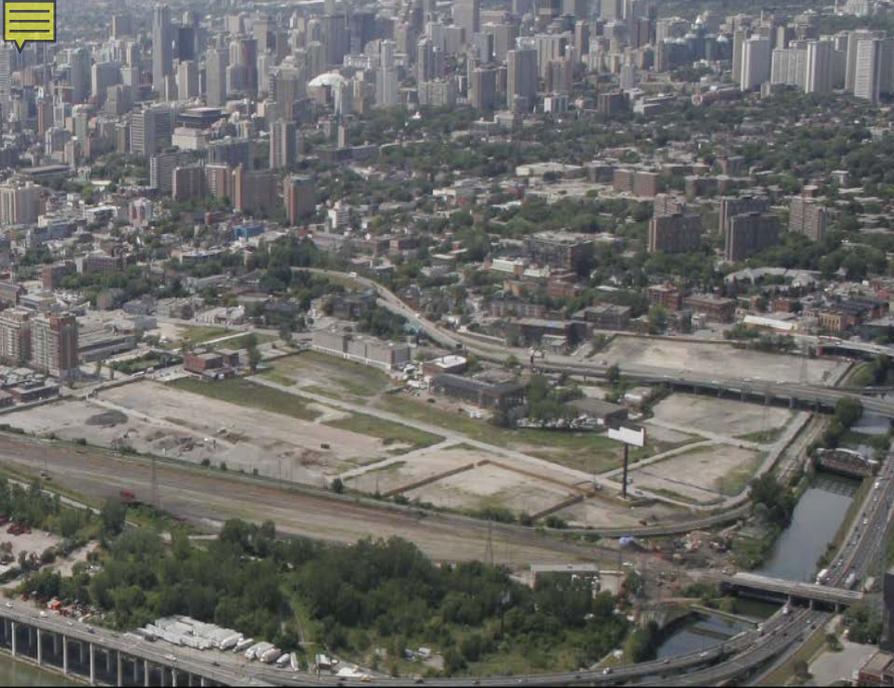
East Bayfront – Before

- 22 hectares (55 acres)



East Bayfront – The Future

- 14 Acres of parks and public realm
- 6000 residential units; 1200 affordable rental units
- 8,500 jobs in clean tech and digital media clusters



West Don Lands – Before

- 32 hectares (80 acre)



West Don Lands – The Future

- 32 hectares (80 acre)
- 23 acres of parks and public spaces
- 6,000 residential housing units, including 1,200 affordable
- 750,000 sq ft commercial





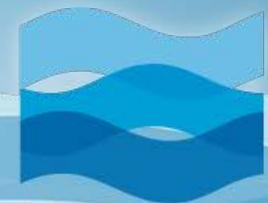
Lower Don Lands – Present

- +120 hectares (+300 Acres)

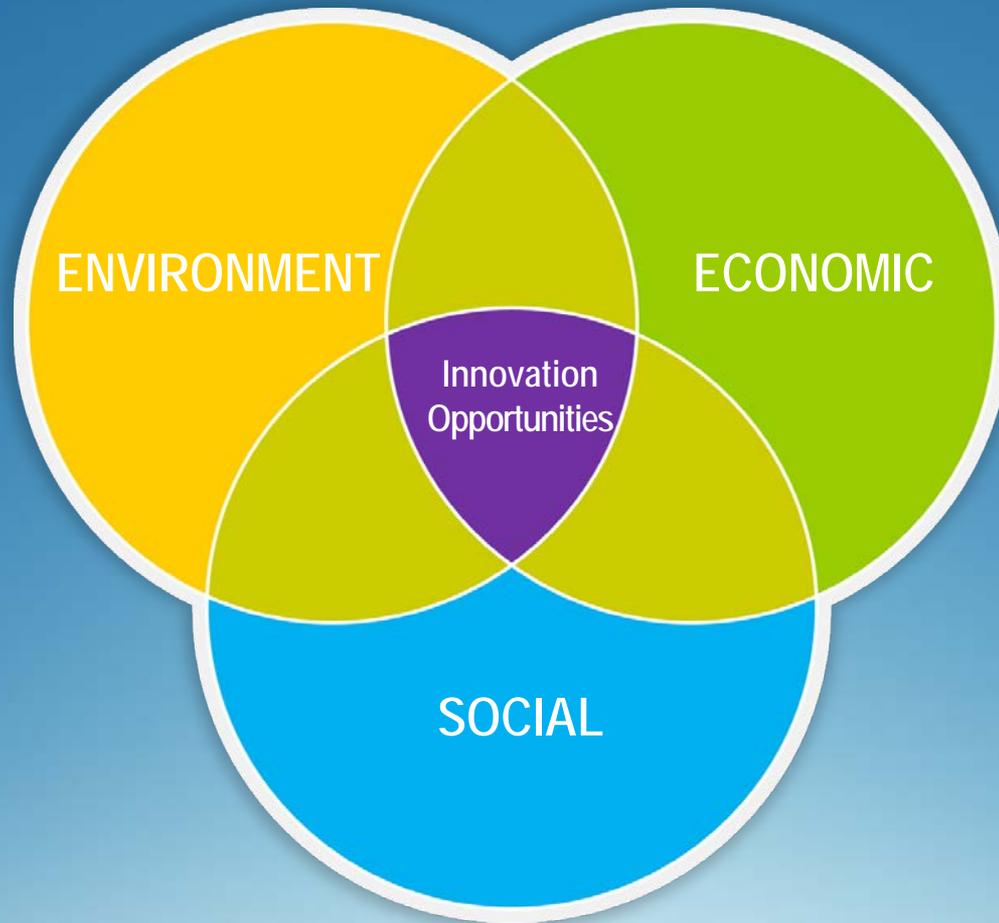


Lower Don Lands – Future

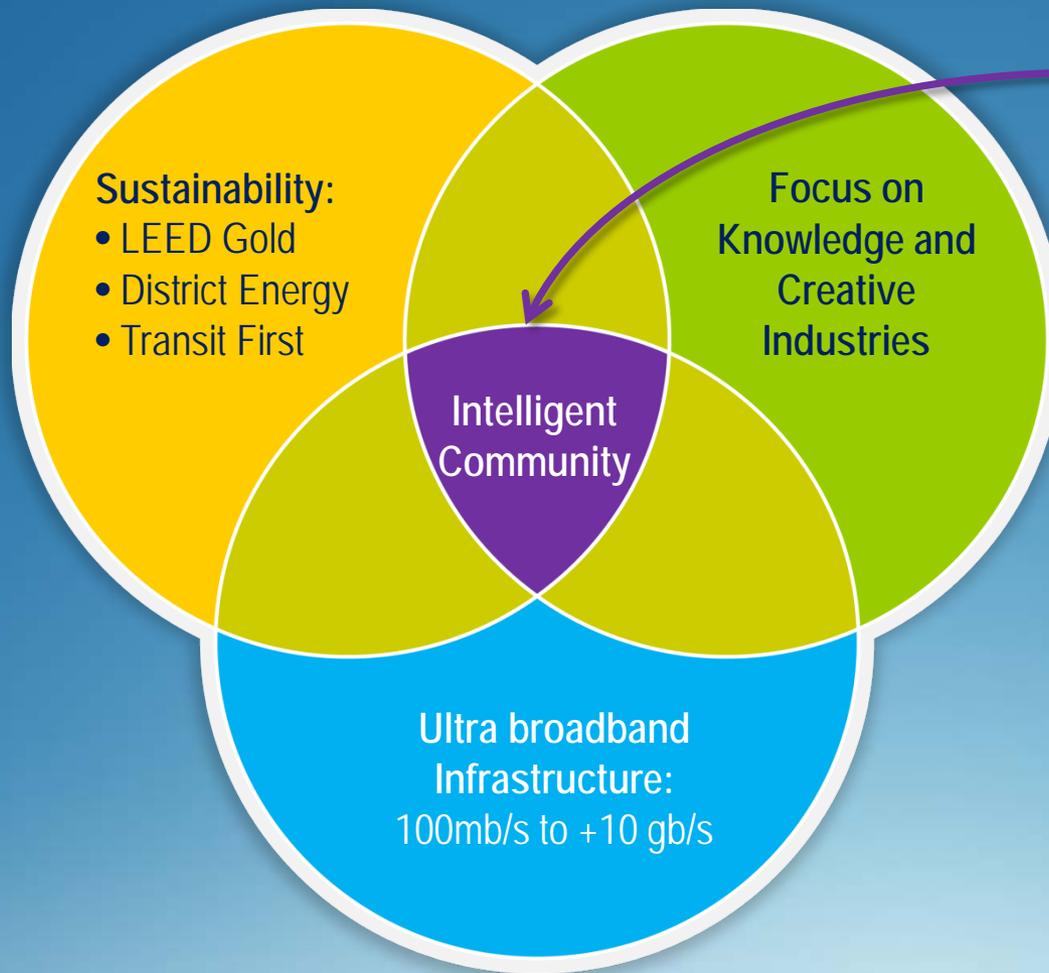
- +120 hectares (+300 Acres)
- One of 16 zero emission Clinton Climate Initiative C-40 Cities projects
- 24,000 knowledge jobs
- 28,000 homes



i-Waterfront: The 21st Century Intelligent Community



i-Waterfront: The 21st Century Intelligent Community

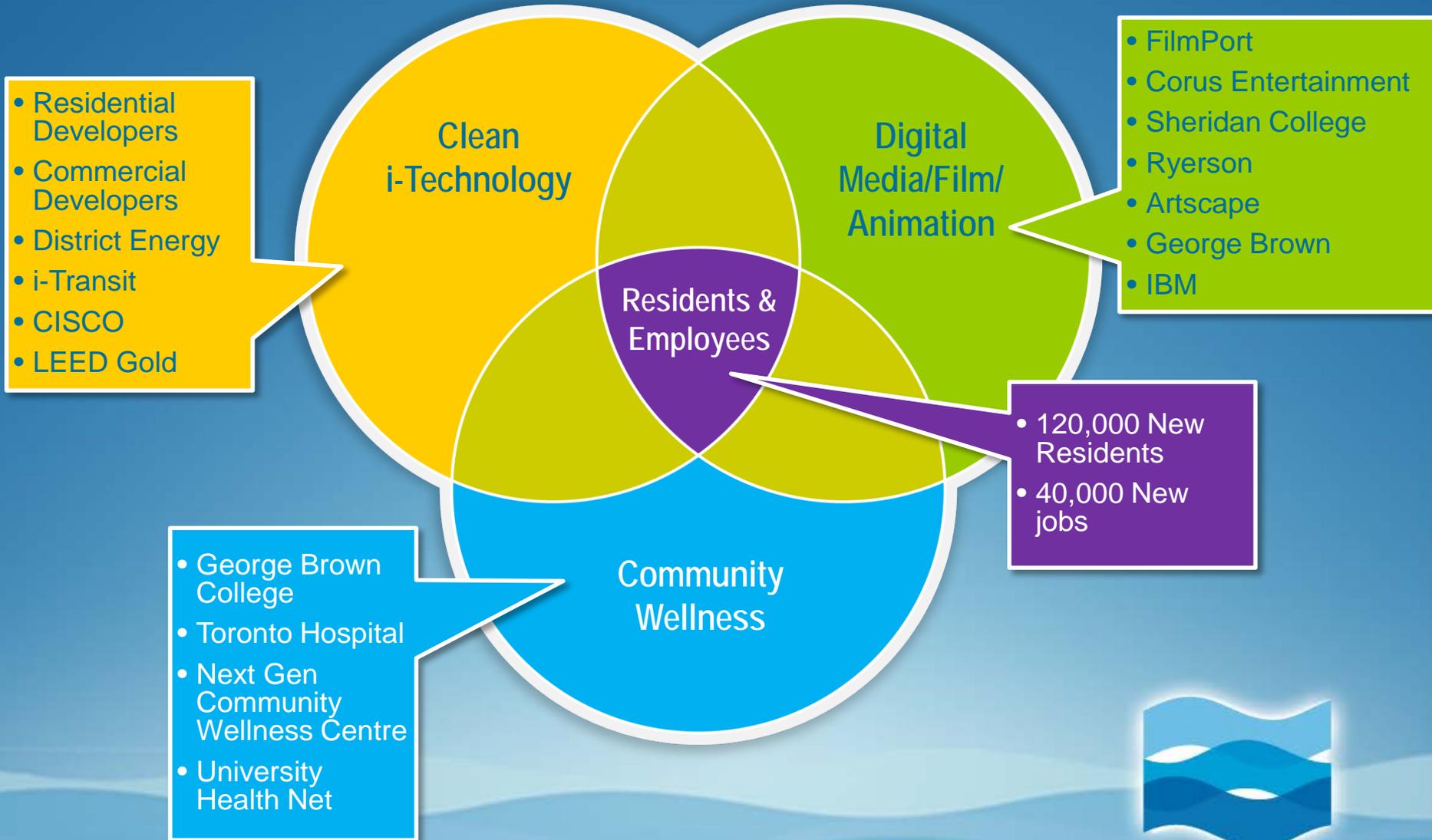


Open Access Ultra Broadband Content Opportunities

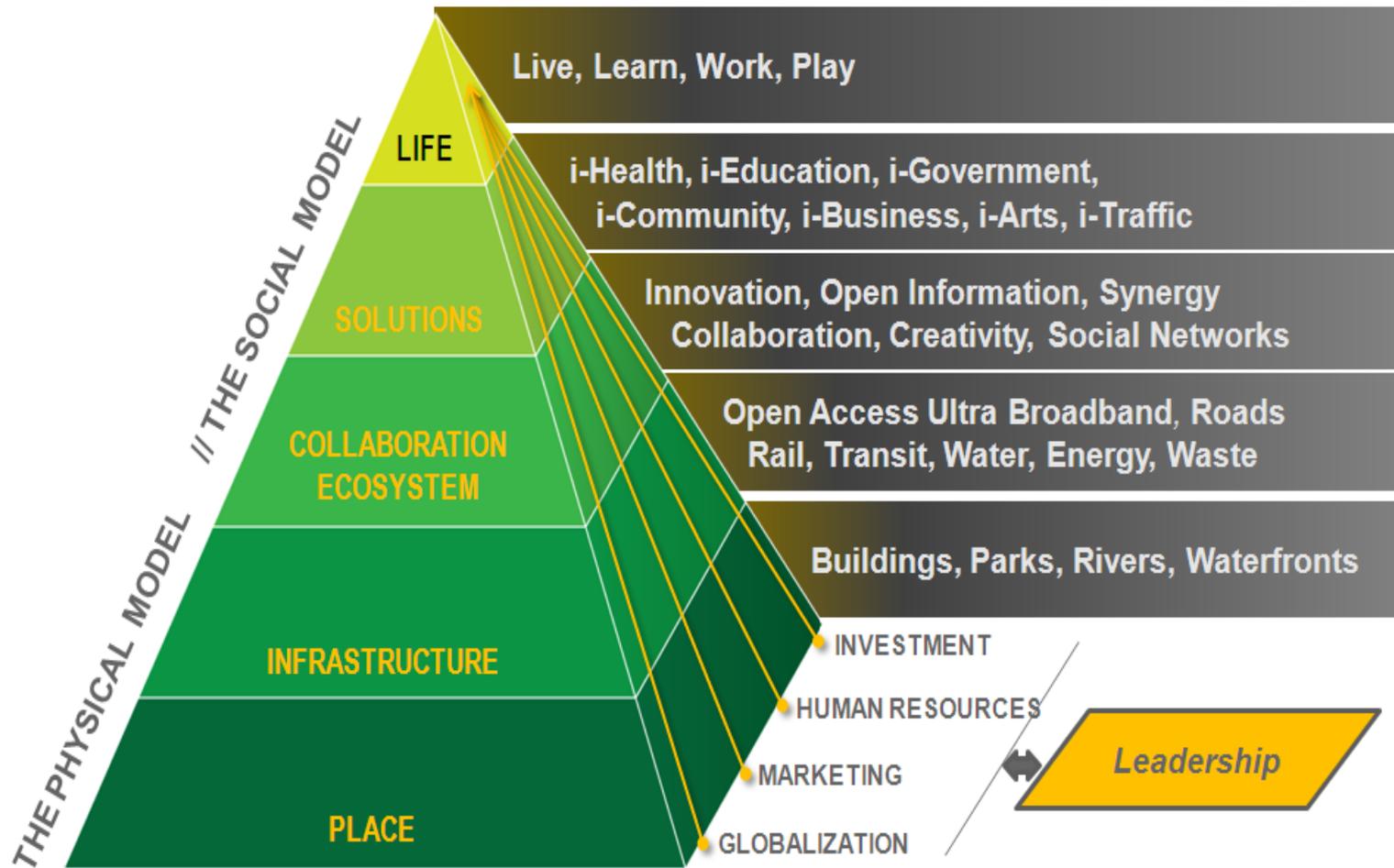
- On-line Library
- Royal Ontario Museum in your home
- On-line Wellness Centre
- Collaborative Research
- Advanced Elementary Schools
- Creative On-Line Communities
- On-line Business Incubation
- Global Teleworking
- Intelligent Buildings



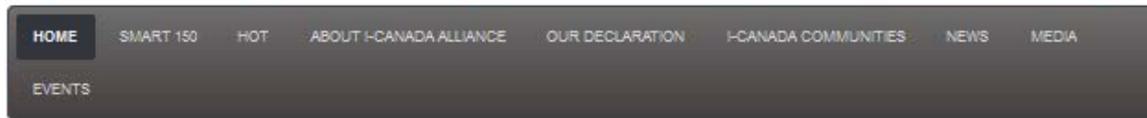
The i-Waterfront “INNOVATION CENTRE”: Merging the Green and Knowledge Economies



i-COA™: i-Community Open Architecture Model



i CANADA 150



Home

150 years – 150 Smart Communities

2017 STARTS NOW / 2017 DÉBUTE MAINTENANT



i-CANADA's goal is to have 150 communities in transition to SMART communities by the end of 2017.



How are we doing? The i-CANADA Assessment System:

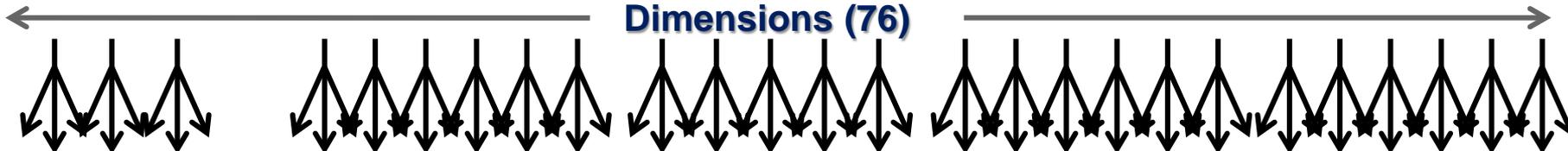
← Domains (5) →



← Areas (26) →



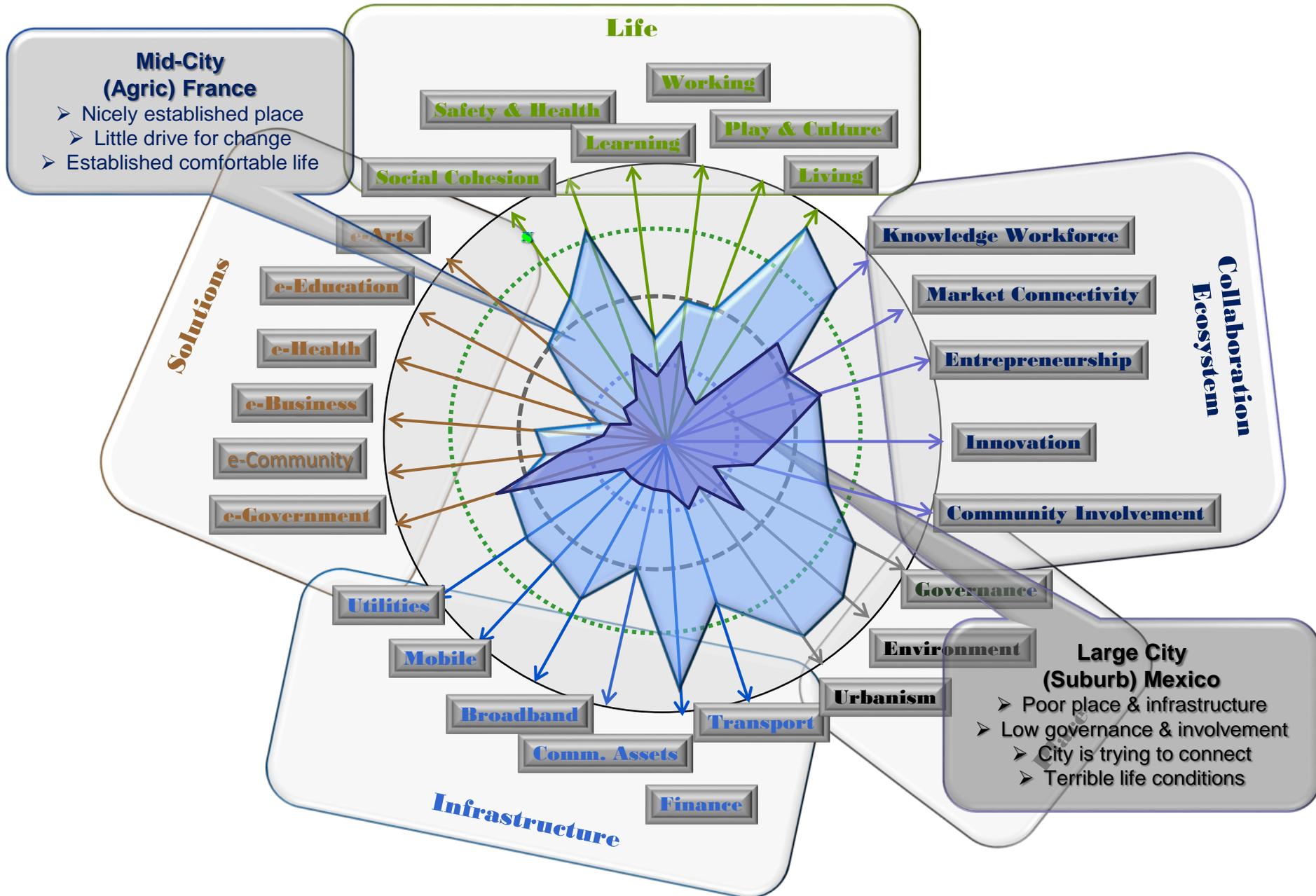
← Dimensions (76) →



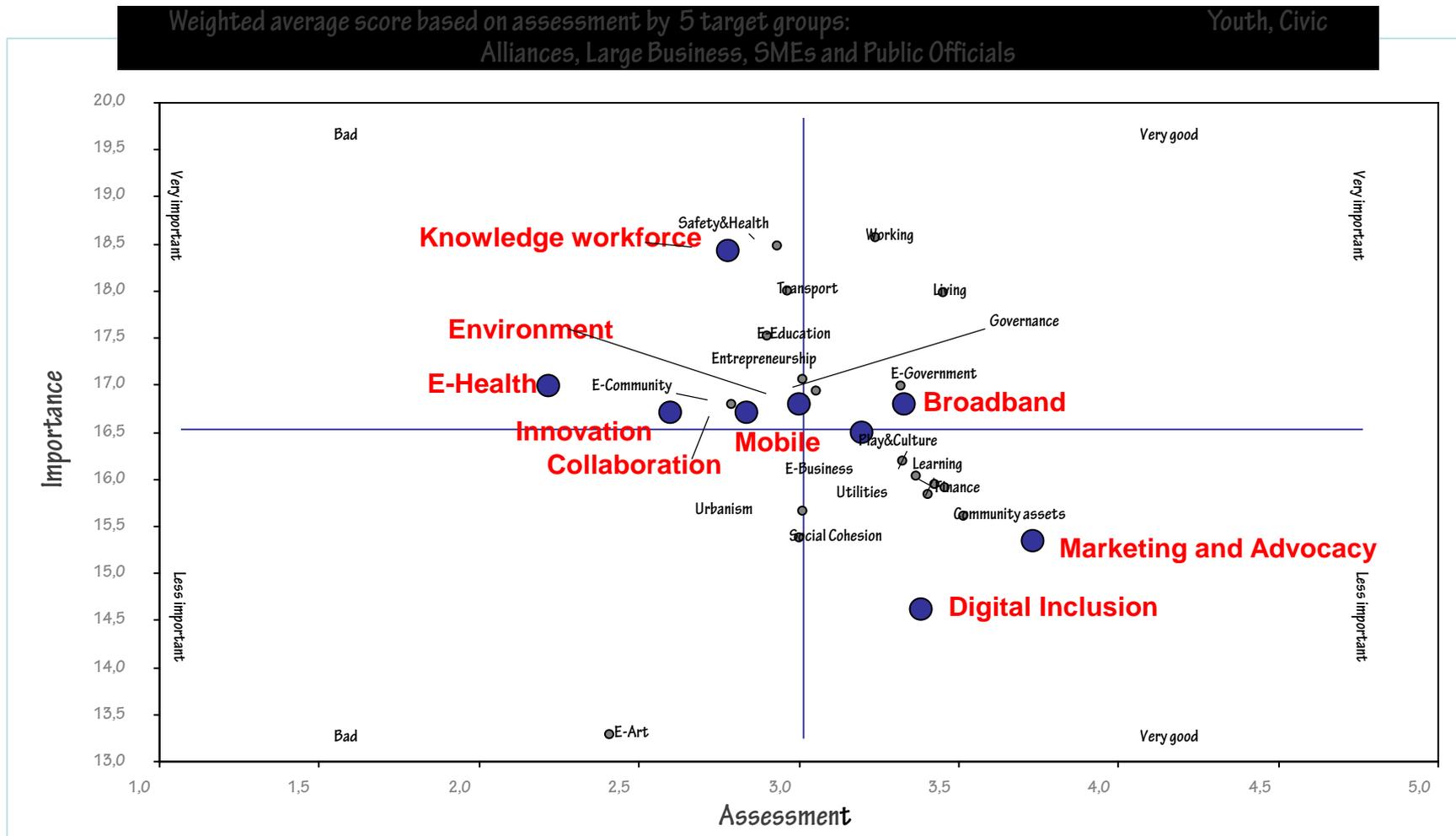
← Factors (over 360) & Indicators (over 1200) →



Assessment Example of Two Foreign Cities



Aggregate feedback of the importance and present state standing of twenty-seven Smart City indicators based on collaborative workshops with seventy public and private sector city leaders. The results provide a base-line for envisioning “Our Future City” and creating Action Plans to achieve prestigious high level global Smart City rankings.



How Smart is Your Smart City? Showing Actual Assessment and Importance by City Leaders



Smart Applications on
Virtual Infrastructures



Global Environment for
Network Innovations



WORLD FUTURE CITIES SUMMIT



Municipal Information
Systems Association



Next-generation Internet
Applications for America

Toronto's annual "summit of global summits"

Six top Smart City conferences: Canada + Europe
"How To" transform for social, economic, political and technology
challenges Mayors, business leaders, researchers



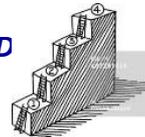
PRACTICAL GET-IT-DONE INFORMATION

"How to" Lessons learned from Future Cities
Innovative policies that drive growth
New tool for community evolution
How Small and Medium Cities can start
Funding: New sources
Government: U.S. IGNITE
Merging new technologies

INTRODUCING:

The SUCCESS

LADD



How to advance your
Community with a
Progress map and guide



AWARDS GALA



Community iPerformance Awards!
50 awards to best community apps &
services

TOTAL SUBJECT COVERAGE

- Smart Health
- Smart Energy
- Smart Transportation
- Social and Business Innovation
- Sustainable Development
- Harvesting Analytics

FEATURING

Mayors from Europe, Asia, America
India's Smart 100 Cities Program
New Global Smart City Research
Financing

Thank You

Bill Hutchison: www.hutchison-mangagement.com

