Global Network
Of cities, metro areas and counties recognized as Intelligent Communities, collaborating on economic and social development

Think Tank
Studying how Intelligent Communities use ICT to grow their local economies, their societies and their cultures in a global, digital marketplace
170 cities, metro areas and counties
5 continents
Populations from 15,000 to 8 million
Making cities SMARTER
Making BETTER CITIES
The pursuit of happiness
The pursuit of happiness

Stagnant average incomes

2005-2014

• 65-70% of households were in segments that, on average, saw flat or declining incomes.

1993-2005

• It was 2% of households.
The pursuit of happiness

**Income inequality**

- For OECD nations, at highest level in 30 years
- Driven by strong gains for top 1%, and erosion of bottom 40%
- Measurable impact on economic growth
- Massive impact on social, cultural and political health

*Focus on Income Inequality and Growth, OECD, Dec 2014*
Employment disruption

1990
GM, Ford & Chrysler
• +1 million employees

2015
Apple, Facebook & Google
• +US$1 trillion in sales
• 137,000 employees

The pursuit of happiness
Whose fault is it?
In 1992, every day – 100 gigabytes of data moved across the world’s networks.

By 2014, every day - it was 1.4 million gigabytes.
In 2004, a startup founded by a university student named Mark had zero customers and zero revenue.

By 2016, that startup was earning **US$28 billion** a year from more than **2 billion users** around the world.
In 2017, it was accused of sabotaging national elections by amplifying false facts and selling fraudulent advertising.

In 2018, it was condemned for spurring mob violence in developing nations.
“Facebook, the world’s most popular media owner, creates no content.

“Uber, the world’s largest taxi company, owns no vehicles.

“Airbnb, the world’s largest accommodation provider, owns no real estate.”

“Alibaba, the most valuable retailer, has no inventory.

Technology hubs are becoming such economic magnets that most people can’t afford to live in them.

Other places fall behind, losing young people, succumbing to addictions and seeing death rates outpace birth rates.
Intelligent Communities

BETTER CITIES
Intelligent Communities

BETTER CITIES

METHOD
Competition
How many competing providers and of what type?

Cost
Per megabit per month

Availability
Percentage of all premises “passed” by broadband service.

Adoption
Percentage of all premises subscribing to broadband service.
Broadband Deployment

- Land-Use Policy
- Government Network
- Public Infrastructure
- Open Access Network
- Direct Competition

Telecom Carriers
Property Owners
Integrators

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Loma Linda
CALIFORNIA, USA
Population 24,000

Bristol
VIRGINIA, USA
Population 17,000
Good infrastructure is just the beginning.

How do you turn it into value?
Technology in schools
Are you creating a generation of digital natives?

Access to higher education
How available are colleges and universities in your community or within community distance?

Ladder of opportunity
How connected are schools, community colleges, universities and local employers?
Winnipeg
MANITOBA, CANADA
Population 703,000
Innovation policy
Does local government make innovation a priority?

Innovation programs
From makerspaces to hackathons, incubators to accelerators and financing assistance

Online government services
Innovating in digital services to meet the needs of residents and organizations
Eindhoven
NETHERLANDS
Population 216 000
Strategy and action
Documented development strategy involving digital technologies, team accountable for action

Citizen and leader engagement
What tools and techniques do you use to engage citizens, organizations & leaders in change?

Effective communication
How well do you communicate your Intelligent Community advantages to the outside world?
Montreal, Quebec, Canada
Population 1 650 000
Montreal, Quebec, Canada
Population 1,650,000

Je fais MTL
Youth Fusion
Cite Memoire
Montreal, Quebec, Canada
Population 1 650 000
Bringing citizens online
Hotspots and library technology to tech fairs and competitions, and creation of community champions

Business digital adoption
Assessment programs classes, digital training and technology demo centers
SMART21 TOP7 INTELLIGENT COMMUNITY OF THE YEAR
Future-proofing the place called home

• **Competitive local economy** creating prosperity for all and wealth for the most successful
• **Skilled workforce** matching the changing needs of local employers and creating new businesses
• **Innovative businesses, institutions and government** driving growth and attracting talent
• **Expanding economic and social opportunity** for all
• **Widespread engagement** in building a better future
Intelligent Community Forum