



The Future of the Durham Region


INTELLIGENT COMMUNITY FORUM

TOP7
INTELLIGENT
COMMUNITIES
OF THE YEAR



~400 → **21** → **7** → **1**

www.intelligentcommunity.org

The image features a background of an aerial photograph of a city, showing various buildings, streets, and green spaces. Overlaid on this is a semi-transparent map of the Durham Region in Ontario, Canada. The map shows major roads, lakes (like Lake Simcoe and Sturgeon Lake), and various municipalities. A red dotted line outlines a specific area within the region. Centered over the map is a large, white, bold text overlay.

What makes Durham Region a Top 7 Intelligent Community?

What is an Intelligent Community?

In a world **dominated by digital**, Intelligent Communities work across **six Factors** to create –



Innovative and growing economy



Inclusive society



Affirming culture open to the world

Tapping the **enormous potential of technology** for the good of the community

**Regional
Broadband
Network**



**Community
Energy Plan**

**Education as a
Ladder of Local
Opportunity**



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**Senior Citizen
Digital Inclusion
& myDurham
311**

**Innovation in
Business &
Government**



***Your Durham and
Anti-Black Racism
Engagement
Programs***

Broadband Connectivity

Providing the essential digital foundation for economic growth



Sustainability

Energizing citizens, improving quality of life and presenting a major economic opportunity

Knowledge Work

Meeting local demand for people who can add value through knowledge and digital skills



KCF
COMMUNITY
ACCELERATOR

Digital Inclusion

Bridging the digital divide with access, training and motivating digital adoption



Innovation

Creating growth through innovation partnerships and smart city investments



Community Engagement

Broadening engagement with digital tools that create a learning partnership with citizens

What can Intelligent Communities accomplish?



Dublin, Ohio USA
Pop. 49,000

Affluent bedroom community for Columbus



Corporate campus location



Wendy's



CardinalHealth

Dublin development timeline

2000s

- DubLink public-private, dark-fiber network funded by tax-increment financing on local income tax – no services except for government
- Interconnection and capacity-sharing deals: Ohio Supercomputer Center, Central Ohio Broadband, Columbus carrier hotels
- Citywide public-private Wi-Fi network using DubLink as backbone; support events, first responders, video monitoring in addition to business and individual connectivity

Dublin development timeline

2010s

- \$625,000 city investment in Rev1 Ventures to bring accelerator services to Dublin, yielded \$14.6m in additional financing & revenues within 2 years
- Opened Dublin Entrepreneurial Center with one tenant, now houses 50 companies and support organizations, hosts events & training
- Center for Global Business Development at DEC targets development and support for exporting by Dublin companies

Home to 3,000 companies with average of 7 employees
Labor force of 75,000 with local population of 49,000

Dublin development timeline

2020s

- Opened mixed-use, walkable Bridge District development to attract entrepreneurial companies and millennial employees



- Route 33 Smart Mobility Corridor

Dublin development timeline

2020s

- **Route 33 Smart Mobility Corridor**
 - Dublin led formation of partnership with other cities, the county and Honda to attract and retain smart mobility companies in regional manufacturing cluster
 - Obtained funding and installed fiber network and short-range wireless transmitters along 35-mile stretch of highway
 - Connected vehicle testing with 1,200 public and private vehicles
 - Attracted US\$200m in government and private investment in one year

What Intelligent Communities can accomplish

- **A smart step-by-step strategy can create major positive change**
 - Creating and maintaining progress is more powerful than going for one big “win”
- **Each step must serve long-term goals while creating short-term value**
 - Will your next projects support creation of an innovative and growing economy, inclusive society and affirming culture?
- **Regional partnerships are powerful...**
 - ...And you already have a strong foundation
- **Never stop**



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