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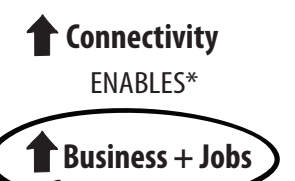
### Problem Statement

Broadband connectivity is available across all parts of York Region but it is not always available at the **speed** or **price point** to make the Region competitive relative to other jurisdictions

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### Economic Imperative

Elevating broadband access and capacity supports economic activity and job growth



\* IS NOT SUFFICIENT ON ITS OWN

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### Vision

To establish York Region as a **Gigabit Region**, recognized for its leadership in fostering an eco-system of collaboration and business innovation **within a connected lifestyle community**

#### Objectives

- Encourage investments that will provide higher connectivity speeds to **100% of the businesses, institutions and homes** within York Region
- Create an environment that facilitates open, competitive and innovative services and applications
- Maximize the **efficient investment** of both **public and private sector** resources to improve connectivity throughout York Region

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### Economic Development Connectivity "Priorities"

- Centres & Corridors**
  - Knowledge-based industry Cluster Development
  - Office Attraction
  - Post-Secondary Attraction
  - Infrastructure Leveraging
  - Lifestyle / City Building
- Employment Lands**
  - Cluster development
  - Protecting Employment Lands
  - Goods Development and Manufacturing
- Rural Areas**
  - Small and Home-based Businesses
  - Farming and Agri-food Industry Development and Support
  - Tourism Development
  - Executive Home Offices

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# THE WAY FORWARD

## QUESTIONS?

**Private Sector Investment:**

- How do we enable or facilitate?
- How do we incent the private sector to invest?

**Public-Private Partnerships:**

- How do we improve rural connectivity? (eg. Trail of the Woods)
- Pilot Projects? (eg. allow access to YTN)
- How can we support Smart Community initiatives

**Public Sector Investment:**

- When & where do we invest?
- How do we apply lessons from ORION project?
- How do we continue to leverage existing YTN?

**The Last BIG Question ...**

What do we need to know?

### Council's Strategic Priority

Strengthen The Region's Economy  
Objective #3: Focusing on networks and systems that connect people, goods and services



### Economic Development Action Plan



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### York Region's Role in Enabling Broadband Access

#### 3 Priority Areas

- Education & Advocacy**
- Government Engagement
  - Development Industry Engagement
  - Property Management Engagement

- Municipal Process**
- Harmonize Municipal Access Agreements
  - Development Approval Process
  - Wireless Communications Toolkit
  - Regional Conduit Network

- Infrastructure Investment**
- ORION PoP at Southlake and York Region Research and Education Network
  - Community Wi-Fi Network
  - Low-Cost Internet for Social Housing
  - Regional Wide Area Network (WAN) Connectivity (e.g. YTN)

#### Where we are now...

- ACTIVITIES**
- Digital Canada 150 Strategy "Connecting Canadians" Fund Program info session facilitation
  - Connected Communities Seminar - Cisco Canada
  - York Region Research and Education Network
  - Ongoing engagement with Building Industry and Land Development (BILD) Association
  - York Region Broadband and Innovation Summit (Oct 30, 2015)
  - Broadband Strategy Advisory Task Force

- ACTIVITIES**
- Leveraging and harmonizing municipal processes and investments can enable private sector investments in connectivity infrastructure
- Broadband-oriented Working Groups:**
- Planning Policy Language
  - Wireless Connectivity
  - Employment Areas
  - Centres and Corridors/Intelligent Communities
  - Municipal Conduit Network Development

- ACTIVITIES**
- **ORION Point of Presence (PoP) at Southlake Regional Health Centre**
  - **PoP Installation and Connection to York University**
  - Transit, Environmental and Transportation projects
  - Ongoing engagement with Local Municipalities and Internet Service Providers (ISPs)
  - **YTN Review**
    - Assessing current and planned stakeholder uses (Prior & Prior)
    - Reviewing possible governance models (IBI Group)

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### Roles and Responsibilities

- Federal Government
- Telcos, ISPs & Utilities
- Provincial Government
- **Regional/Local Municipal Government and MUSH Sector**
- Business Community

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### A Hierarchy of Approaches to Consider

1. **Private Investment:** aim is to encourage/enable private sector to make required investments
2. **Public-Private:** if hurdle rate can't be met, explore public-private **partnership** options (i.e. public subsidy)
3. **Public:** if public-private partnership is not feasible, explore public investment options (Incentives?)

There is **no single solution** for the entire Region - improvements will require a range of strategies and approaches within each municipality

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### The Role of the YTN

Provides access to "dark fibre" for Regional departments, Municipal partners and potentially the broader MUSH sector  
**It is NOT an Internet Service Provider**

### WHAT'S NEXT?

