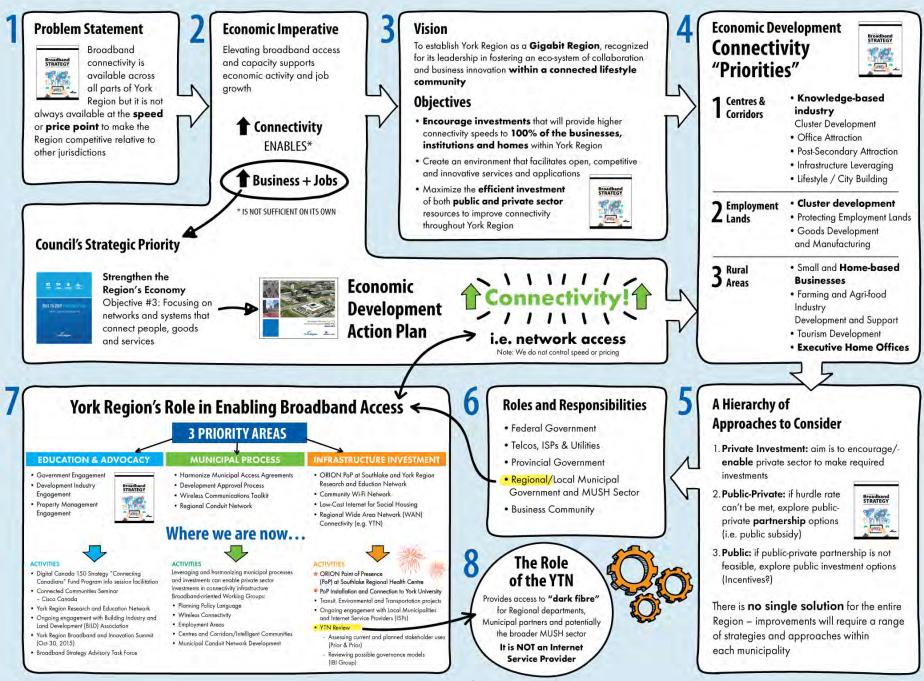
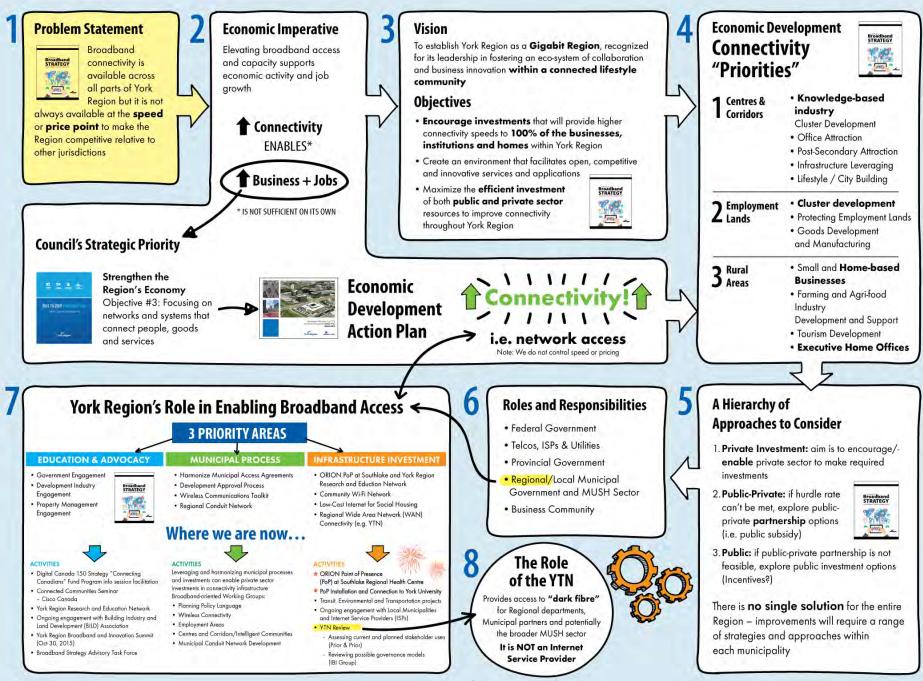
Presentation to Broadband Advisory Task Force Doug Lindeblom February 3, 2016





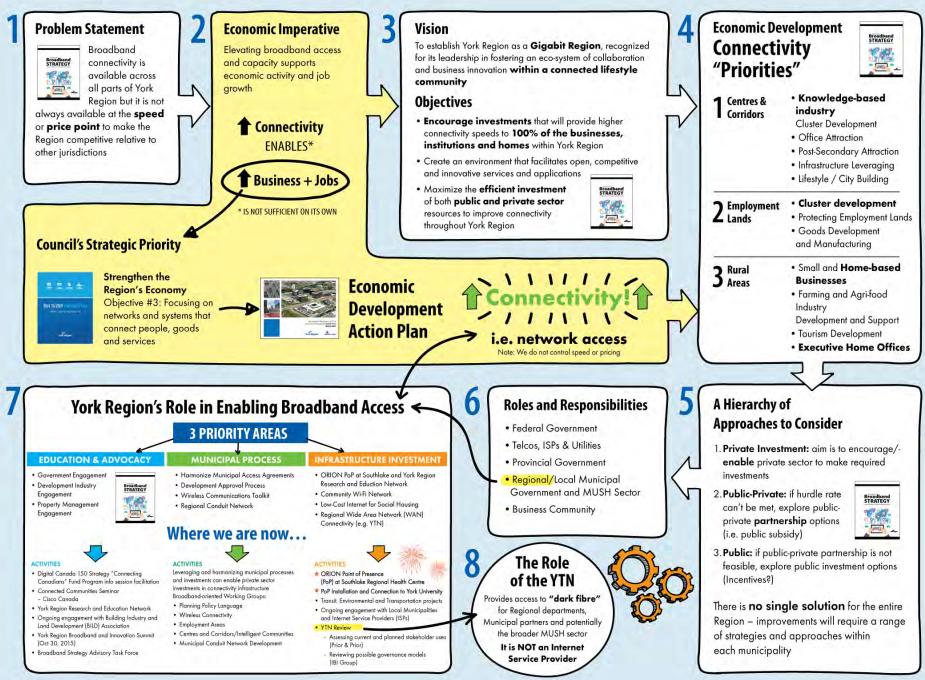


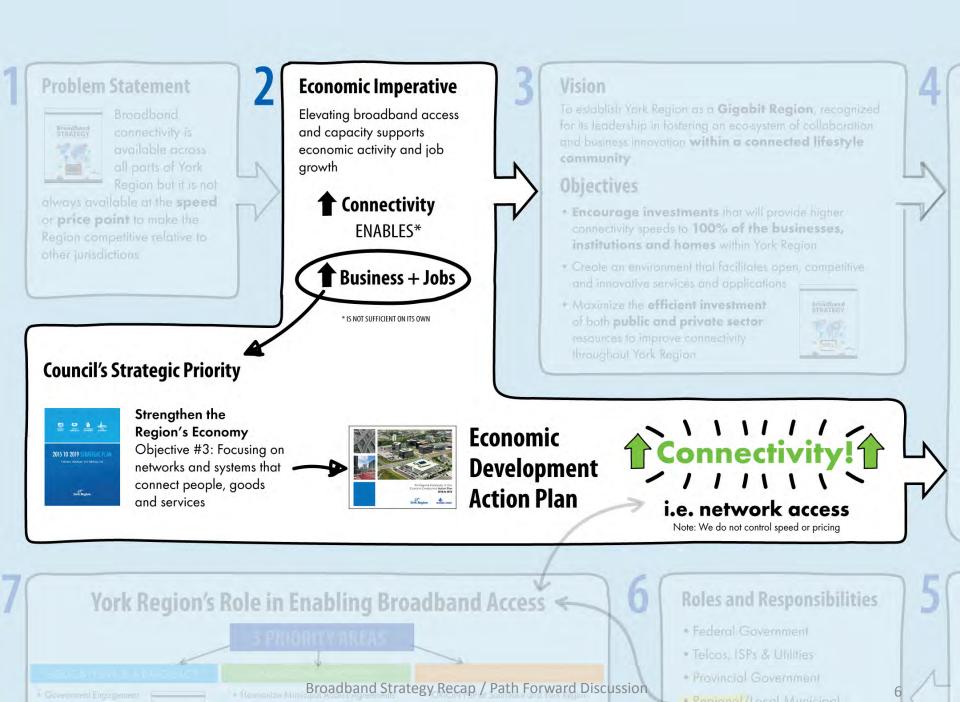
## **Problem Statement**

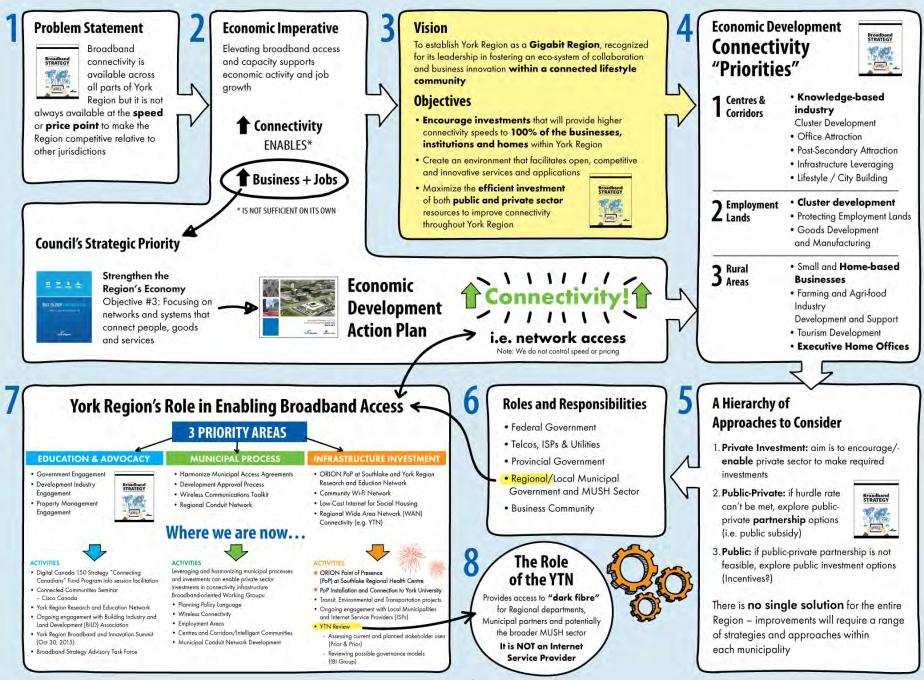


Broadband connectivity is available across all parts of York Region but it is not able at the **speed** 

always available at the **speed** or **price point** to make the Region competitive relative to other jurisdictions Elevation and car economic growth







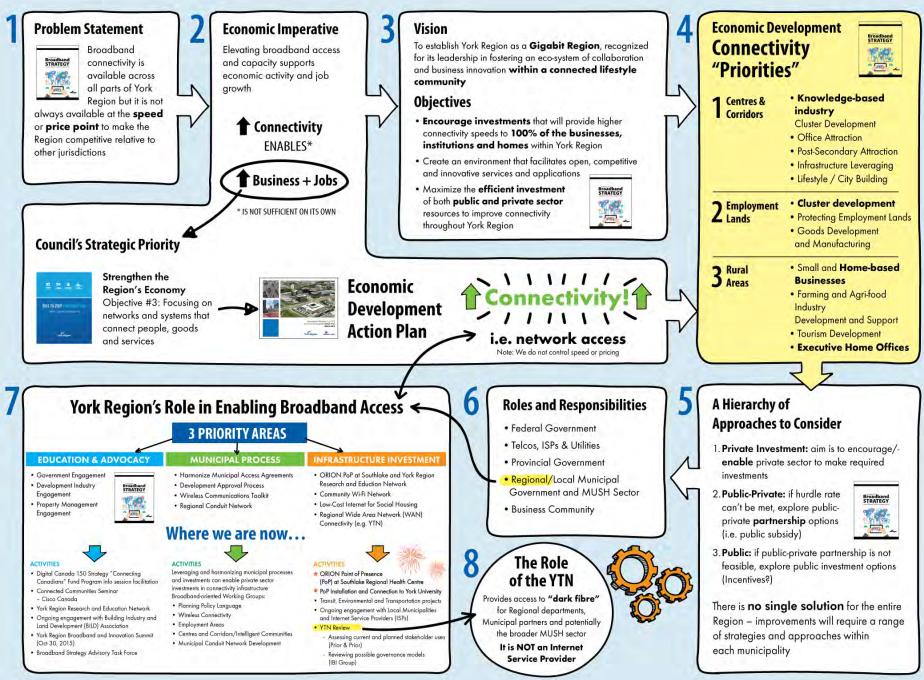
## Vision

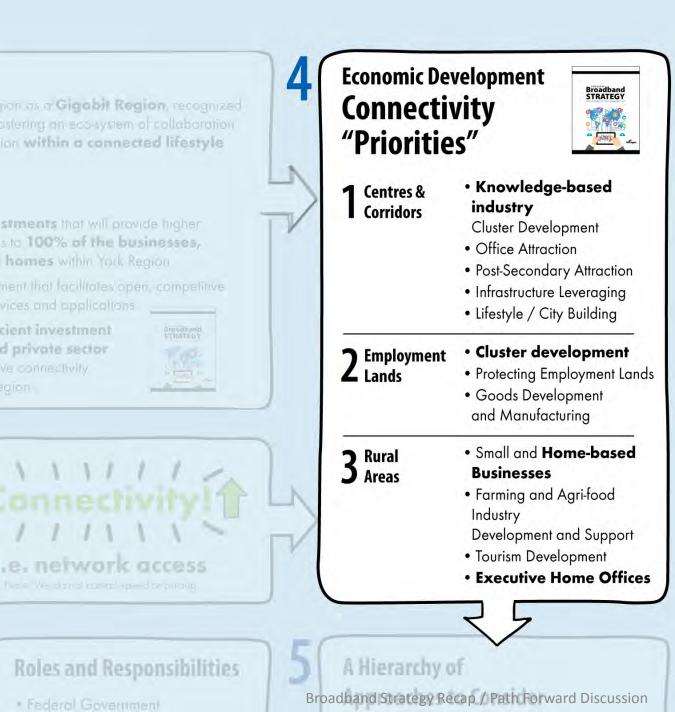
To establish York Region as a **Gigabit Region**, recognized for its leadership in fostering an eco-system of collaboration and business innovation **within a connected lifestyle community** 

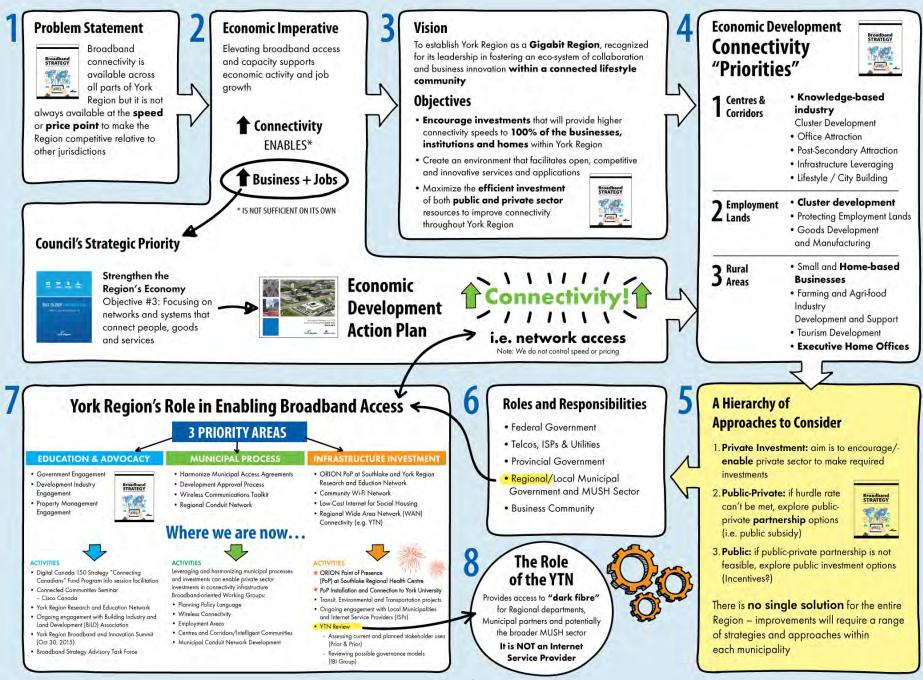
## **Objectives**

- 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









# 

we We do not control (peed or pricing)

#### **Roles and Responsibilities**

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

### The Role of the YTN

es access to **"doric fibre"** r Regional departments, ipal partners and potentially e broader MUSH sector **t is NOT an Internet** 

Service Provider

### A Hierarchy of Approaches to Consider

1. Private Investment: aim is to encourage/enable private sector to make required investments

Tourism Development

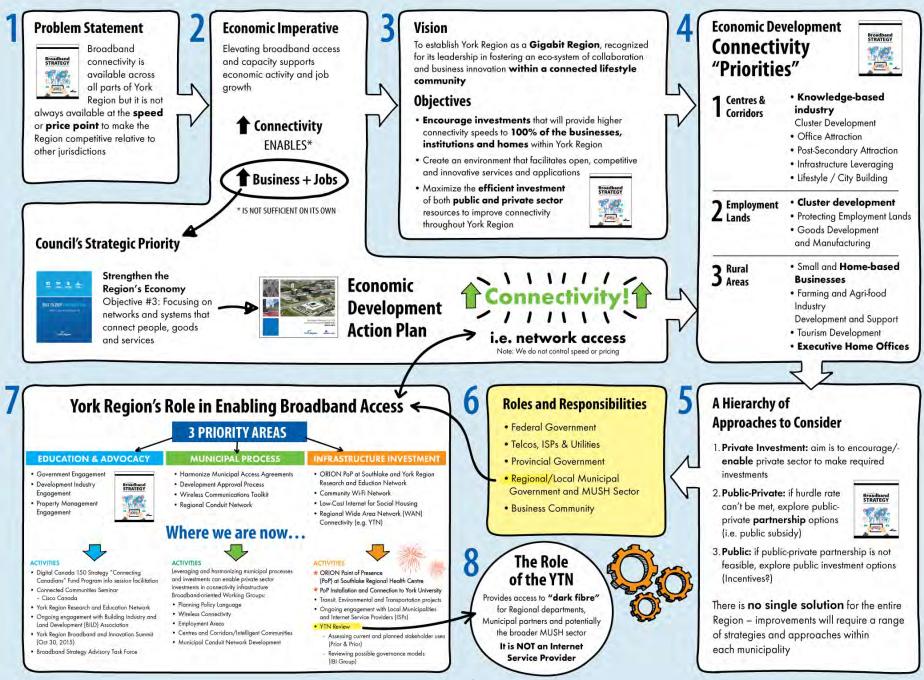
Executive Home Offices

2. **Public-Private:** if hurdle rate can't be met, explore publicprivate **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



## Action Plan

**Access** 

### i.e. network access

Note: We do not control speed or pricing

### **O Roles and Responsibilities**

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

#### t of Presence hlake Regional Health Centre on and Connection to York University pamental and Transportation projects gagement with Local Municipalities Service Providers (ISPs)

current and planned stakeholder uses

### of the YTN Provides access to "dark fibre" for Regional departments,

**The Role** 

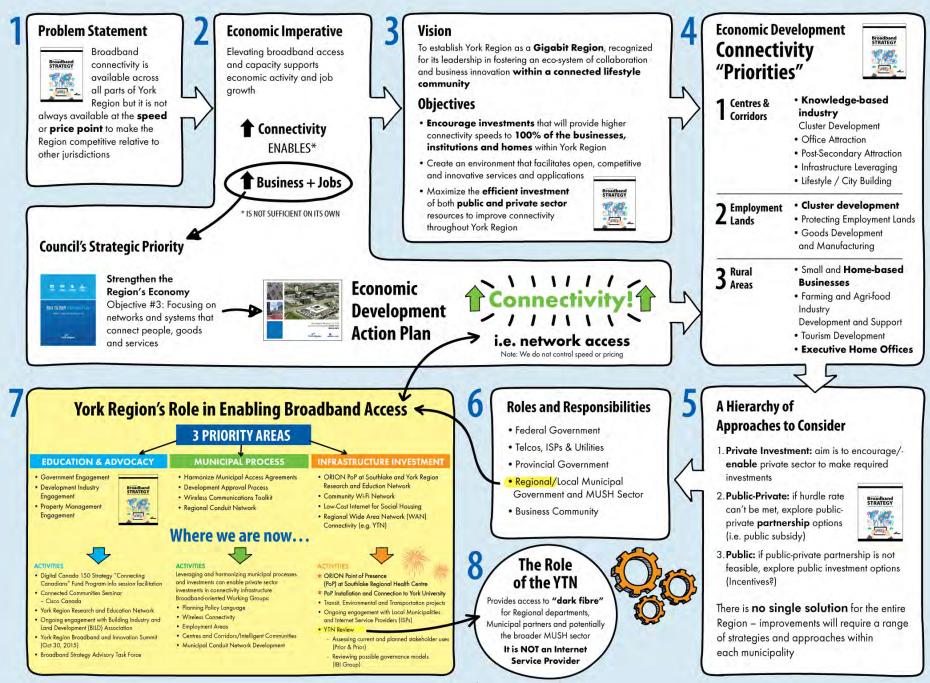
Municipal partners and potentially

Broadband Strategy Recap / Path Forward Discussion

### A Hierarchy of Approaches to

- Private Investm enable private se investments
- 2. Public-Private: if can't be met, exp private partners (i.e. public subsid
- 3. **Public:** if public-p feasible, explore (Incentives?)

There is **no single** Region – improve of strategiqs and c



Broadband

### 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

### Where we are now...



#### ACTIVITIES

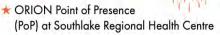
Leveraging and harmonizing municipal processes and investments can enable private sector investments in connectivity infrastructure Broadband-oriented Working Groups:

- Planning Policy Language
- Wireless Connectivity
- Employment Areas
- Centres and Corridors/Intelligent Communities
- Municipal Conduit Network Development

#### INFRASTRUCTURE INVESTMENT

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

#### ACTIVITIES



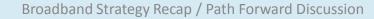
- \* PoP Installation and Connection to York University
- Transit, Environmental and Transportation projects
- Ongoing engagement with Local Municipalities and Internet Service Providers (ISPs)

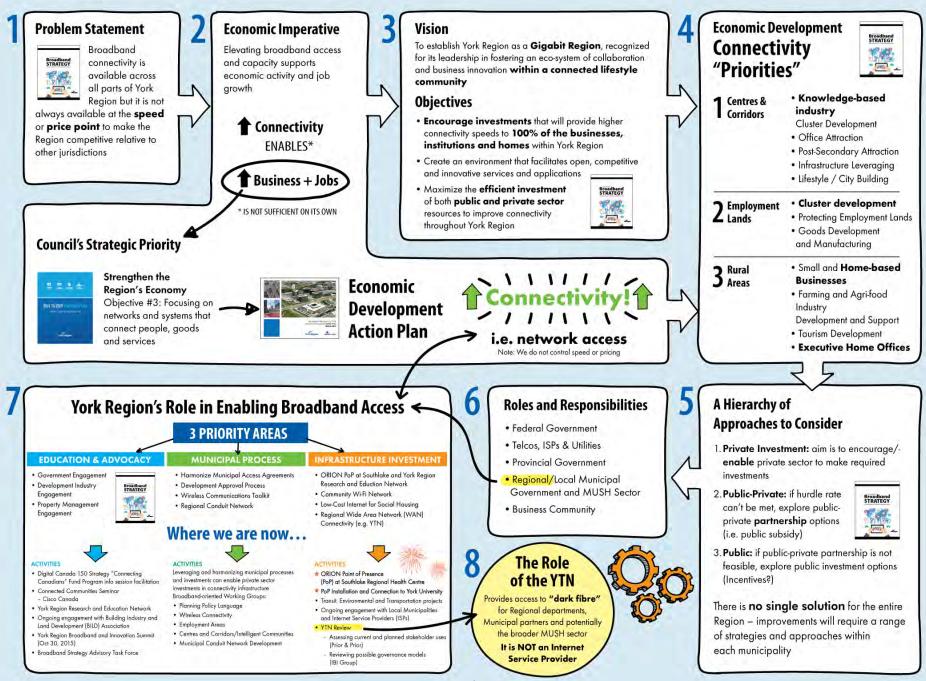
#### YTN Review

- Assessing current and planned stakeholder uses (Prior & Prior)
- Reviewing possible governance models (IBI Group)

#### 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





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lealth Centre on to York University insportation projects ocal Municipalities (ISPs)

nned stakeholder uses

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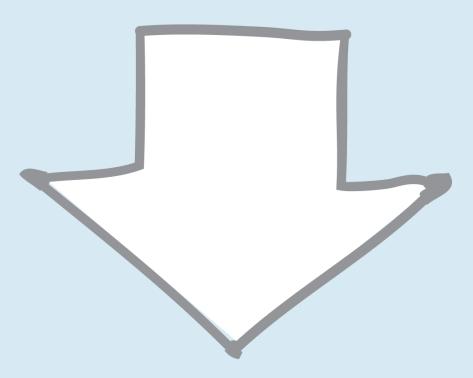
Business Community

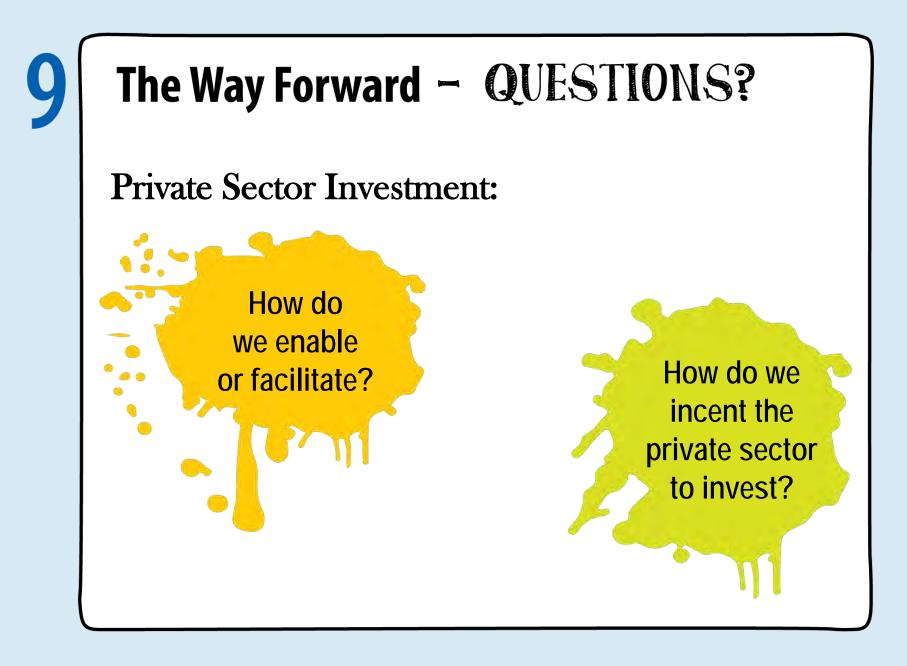
## The Role of the YTN

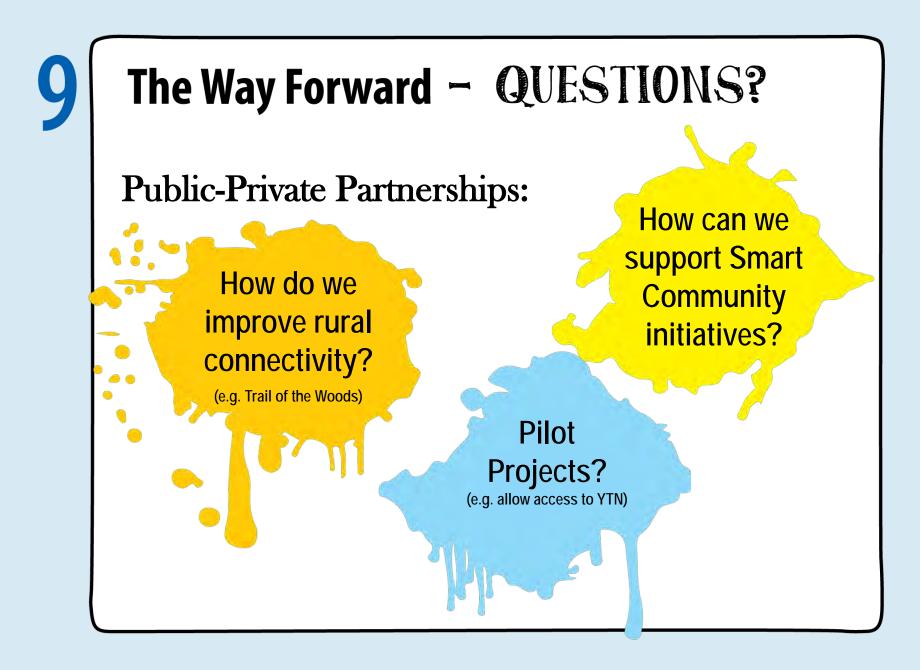
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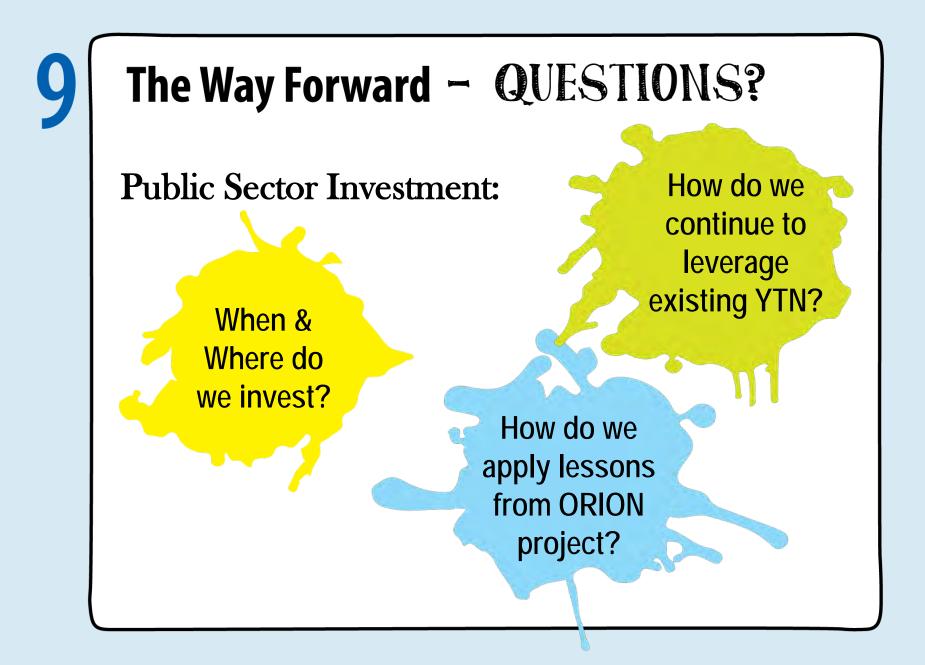
> It is NOT an Internet Service Provider

# WHATS NEXT?











## DISCUSSION

