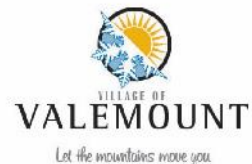
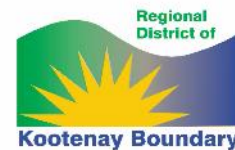




Regional Broadband Committee Update

June 20, 2019

Dave Lampron and Rob Gay



Purpose

Provide update on prominent topics from the Regional Broadband Committee.



Regional Broadband Committee

The Regional Broadband Committee is a united voice to advocate for all our constituents through leadership, knowledge sharing and a common understanding of the current and future needs of high-speed broadband internet services in the region.

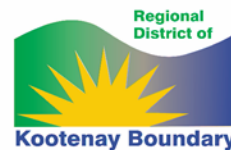


Regional Broadband Committee: Connectivity Strategy

The purpose of this Connectivity Strategy is to clearly communicate, develop awareness and to obtain support for a plan towards realizing the potential of a highly connected region.

Targeted Outcomes:

- Retain and grow businesses, create and retain skilled workers and re-invigorate communities.
- Access to health care through advanced tele-medicine diagnostic and specialty care widely available in the region.
- Regional educational institutions have network resources and the capacity to meet 21st century learning needs.
- Robust public safety communications systems to ensure that all residents are provided with timely information when needed.



State of Connectivity in the Basin

Challenges:

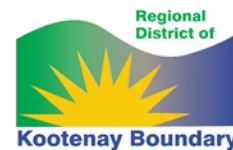
- Regional Districts do not have a firm grasp of magnitude of connectivity gap.
- Identifying areas/communities of priority has been more anecdotal than empirical.
- Federal/provincial data used to determine community eligibility for connectivity granting programs sometimes inaccurate.



Gathering Data: State of Connectivity in the Basin



- CIRA's performance test platform 'crowd sources' data (e.g. a resident can access the testing portal and run the performance test as many times as they wish, the CIRA tool captures results of each test).
- Data can be extracted from the portal to extrapolate the state of connectivity for the entire region, an individual Regional District, an electoral area, or a given municipality/village.
- Columbia Basin/Boundary Internet Performance Testing portal: <https://performance.cira.ca/columbiabasin>



FCM and Notable Advancements for Rural Broadband

- Federation of Canadian Municipalities – Reliable Internet for Everyone:
<https://fcm.ca/en/resources/reliable-internet-everyone>
- Federal Budget 2019:
 - Proposes a one-time additional transfer of \$2.2 billion through the federal Gas Tax Fund (GTF) to local communities—doubling the transfer for the year. To address short-term infrastructure priorities, incl. Broadband & Connectivity.
 - Budget 2019 proposes to deliver between \$5 and \$6 billion over 10 years to expand broadband access:
 - \$1.7 billion Universal Broadband Fund to extend backbone infrastructure in underserved communities.
 - \$1 billion in financing via Canada Infrastructure Bank, aiming to leverage an additional \$2 billion in private-sector investment.
- Local Government Act (LGA)
 - Enable regional districts to provide financing for capital costs to Internet service providers where it may not otherwise make sense from a business perspective.



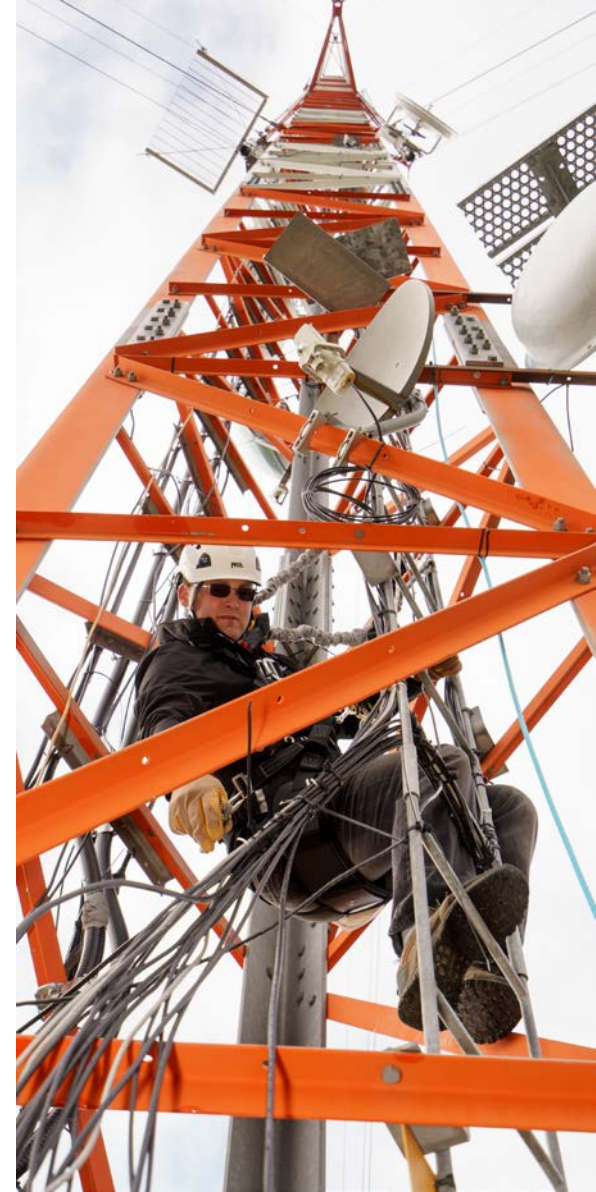
Upcoming Broadband Grants: CRTC Broadband Fund

- \$750M over 5 years
- First intake expected to open soon
- Eligible Project Types:
 - Backbone
 - Last-mile
 - Mobile wireless/cellular
 - Satellite



Union of BC Municipalities

- Sept 23-27
- Meeting with Minister Sims
- Presenting a unified and coordinated approach across the Columbia Basin region towards addressing the connectivity gap.



The Trust's Broadband Initiative

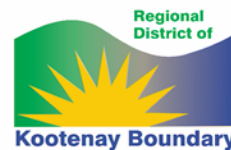
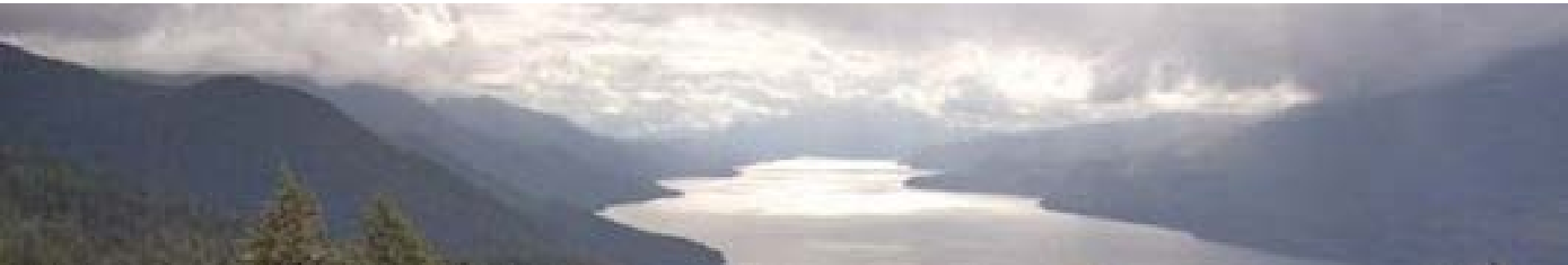
Objectives:

1. Expand the availability of affordable broadband in the Basin.
2. Enable and facilitate social and economic development initiatives that use broadband technology and the CBBC network.
3. Increase utilization of the CBBC network.



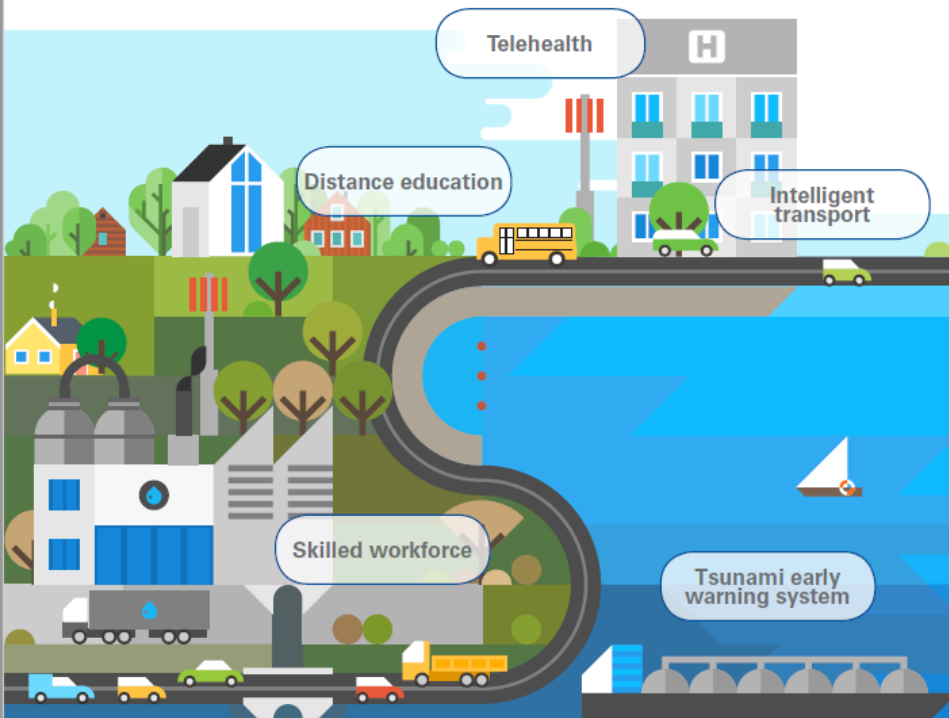
Connecting BC Projects

- Proposals Approved
 - Jaffray to Roosville
 - 50km in backbone expansion
 - New/improved coverage for 750 households
 - Slocan (Playmor to Shoreholme)
 - 125km in backbone expansion
 - New/improved coverage for 1,400 households



What's Next...

Connected Communities



What is a Connected Community? ●

A *Connected Community* applies a digital mindset to reimagine itself in today's interconnected world. Digitally-empowered *Connected Communities* purposefully integrate technology into all aspects of community development to improve livability, workability and sustainability, while leveraging existing resources in new ways to achieve greater economic, social and environmental outcomes.





Thank You



KTUNAXA
NATION

