



Connectivity in B.C.

RCKN Feb.28.2022



Ministry of
Citizens' Services

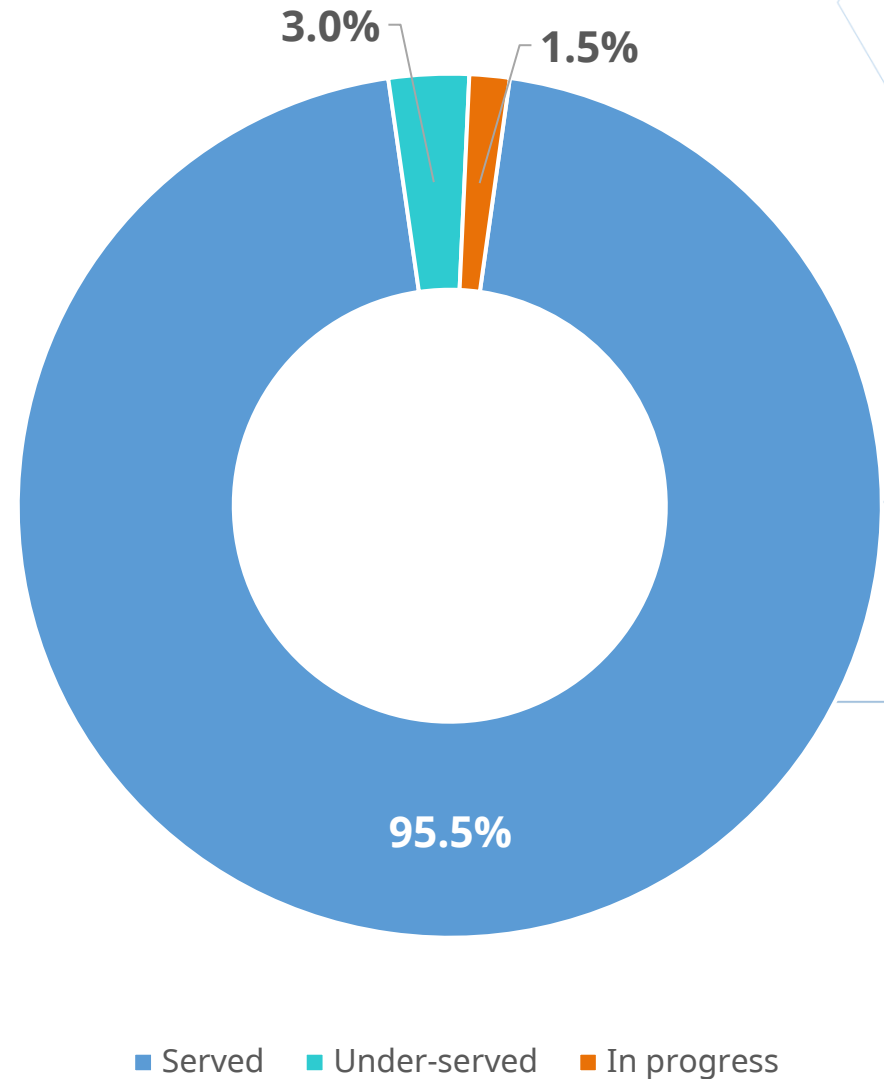
Status of Connectivity

There are a total of 2,063,417 total households in BC per the 2016 Census

- **95.5%** or **1,969,874** households are currently served to the CRTC Universal Service Objective of 50/10 Mbps

Of the **93,543** households not yet served:

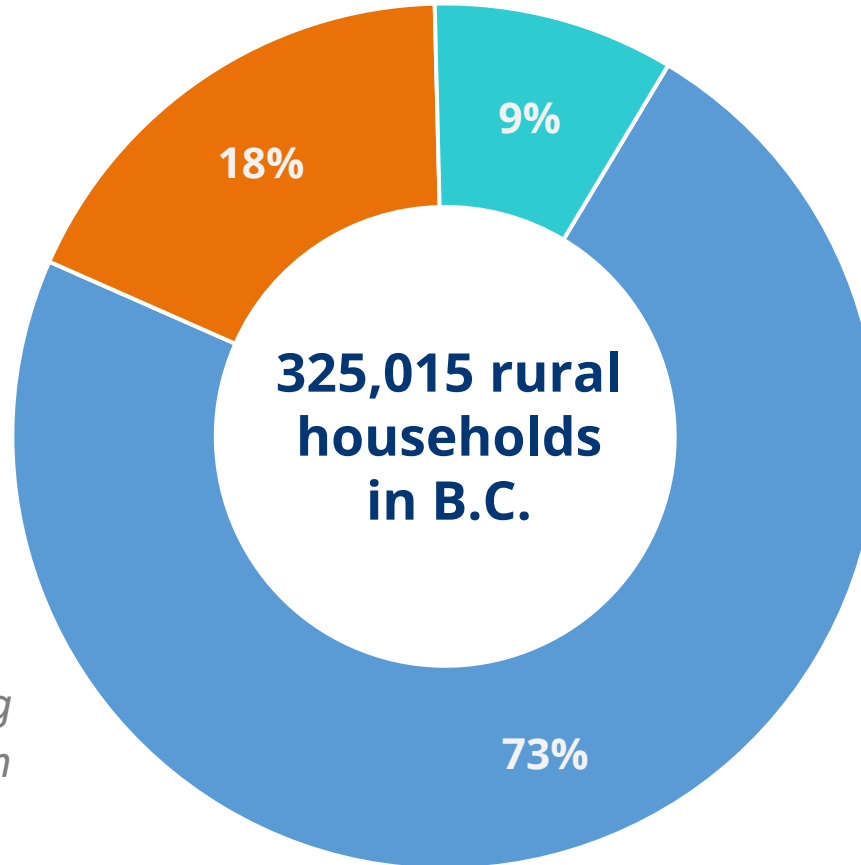
- **31,161** households will be served with projects approved and in progress
- **62,382** households still require a connectivity project to be served



Status of Rural Connectivity

The gap

18% or 57,894 households still require a connectivity project to be served



Projects in progress

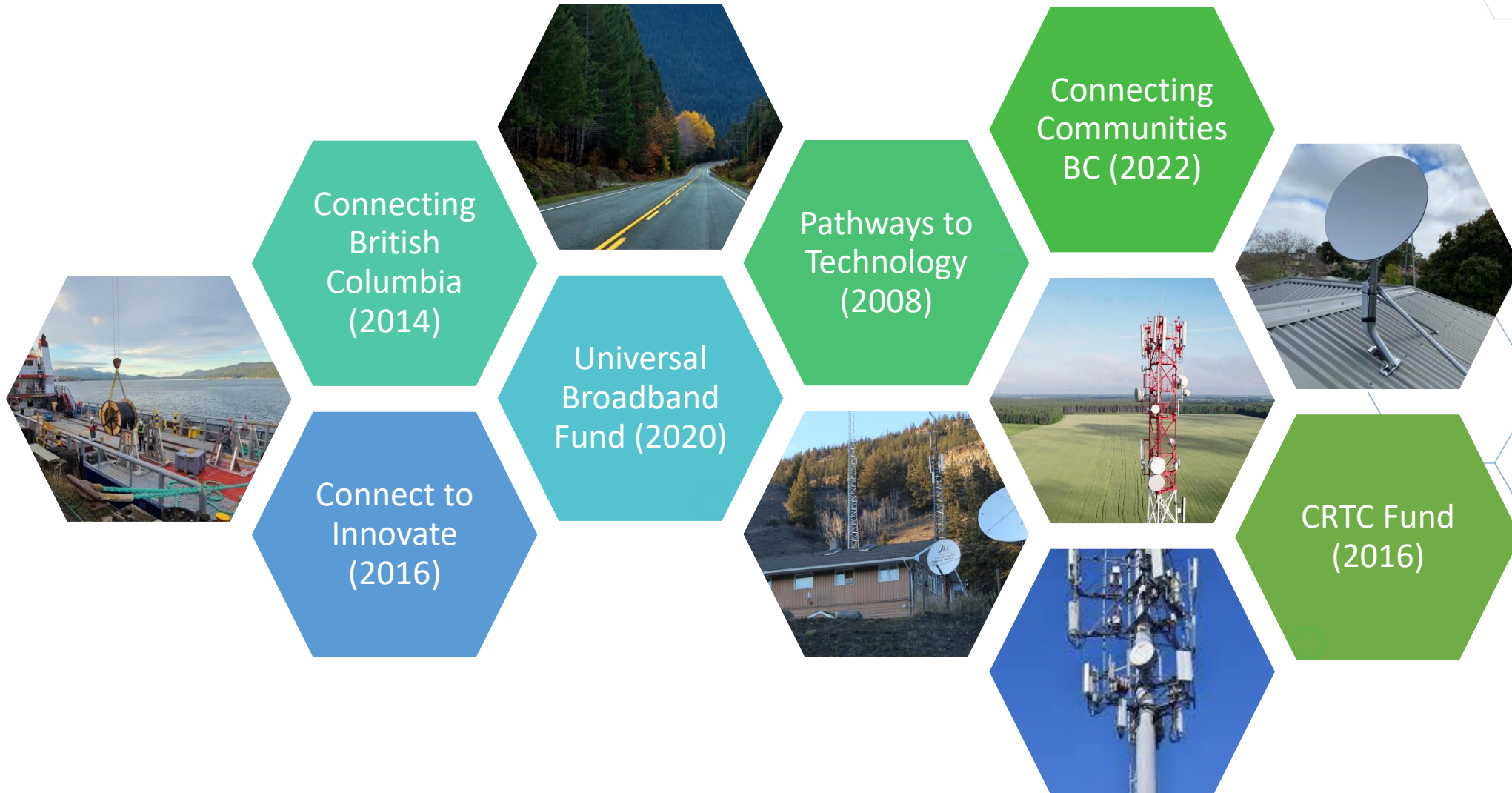
9% or 29,941 households have projects approved or in progress

Served

73% or 237,180 households are served

Provincial and federal programming are funding highspeed to more than 72,000 households

Funding & Project Landscape



\$40M
ANTCO

\$10M
BC
funding

\$305M
Fed CC
funding

\$40M
BC
funding

\$500M
Fed CTI
funding

Goal for every household to have access to highspeed internet services by 2027

\$830M

Federal / Provincial joint funding agreement

\$415M
Provincial CCB +
CCBC funding

\$415M
Federal UBF
funding

Joint funding will support terrestrial broadband connectivity to 115,000 homes in 115 Indigenous and 347 rural communities by 2027.

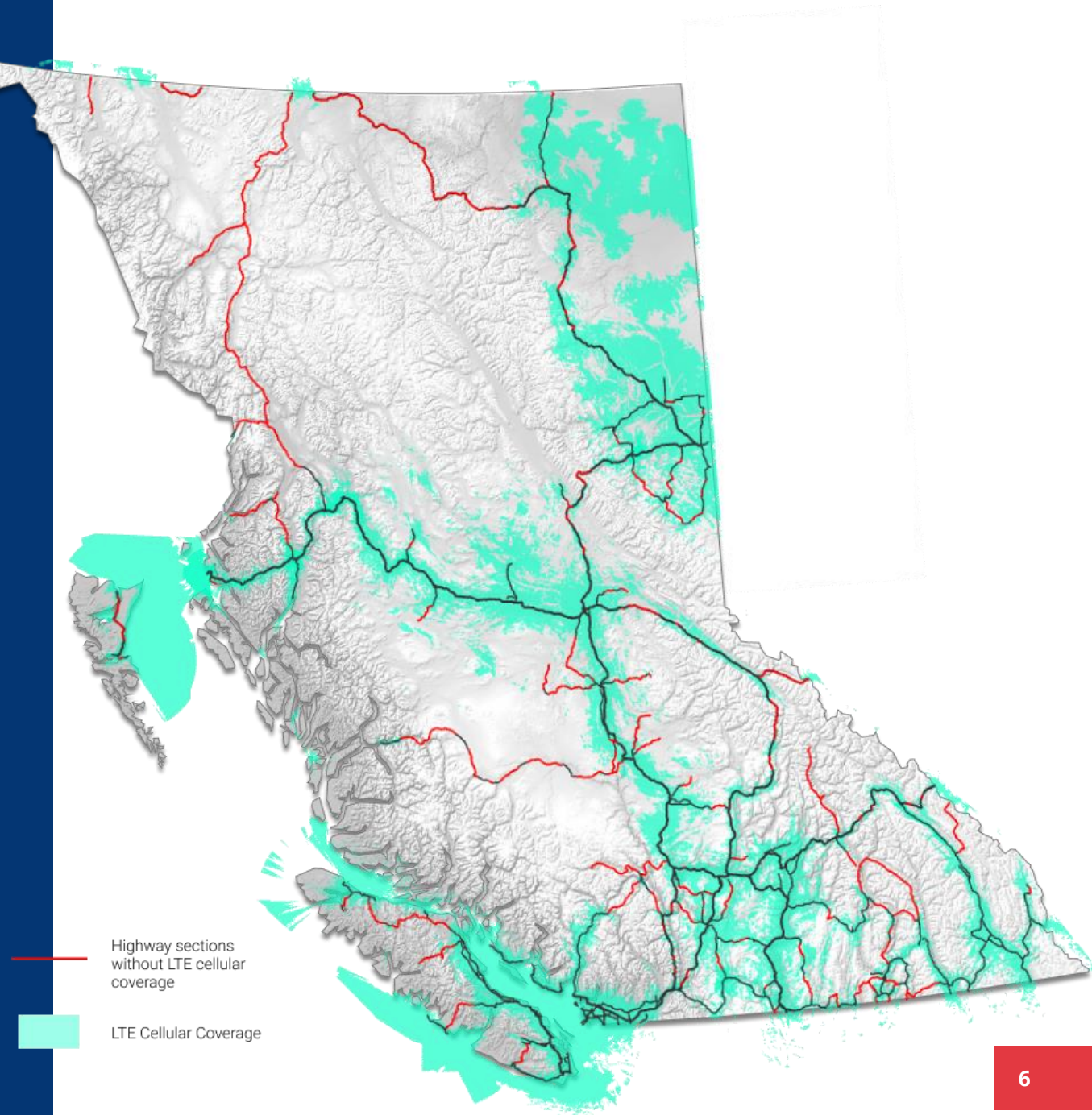
\$8M
BC
funding
for LEO
satellite

Last home
count tbd

Highway cellular

- There are 15,000 kms of highway in B.C.
- Currently there are an estimated 4,200 Kms of highway with no LTE cellular coverage, of which 3,100 has no access to commercial power.
- The Connecting British Columbia program has funded cellular projects that will connect 532 kms of highway.
- The program has also funded 33 rest areas with improved connectivity including ferry terminals and campgrounds, as well as emergency call boxes.

Note: Map as of October 2022 available data



Project Lifecycle



Application Submission

Applicant follows application form
Identifies zones and/or locales (clusters of homes)

Letter of support



Application Review

Review against criteria: Technical, Business, Financial, Risk
Applicant engagement for clarity and remediation



Application Selection

Application passes eligibility
Project selected and Service Provider receives conditional approval

Project bundle announcement



Project Shared Cost Agreement

Finalize project work project and sign agreement w/ Service Provider
Agreement confirms households, funding and technology

Project announcement



Project Build

Permitting initiation and tracking
Project monitoring and disbursements (project forecast)
Issues management and resolution

Milestone event



Project completion and Audit

Project completion check (1 – 12 months after turn up date)
Proponent assessment

Project completion event

Significant delays with co-funded projects due to volume.

Capacity and complexity of negotiations. SP can start up to 30% in advance of signed agreement.

Prov initiatives to reduce permitting times.

Connecting BC

- Open call for applications at Service Provider choice

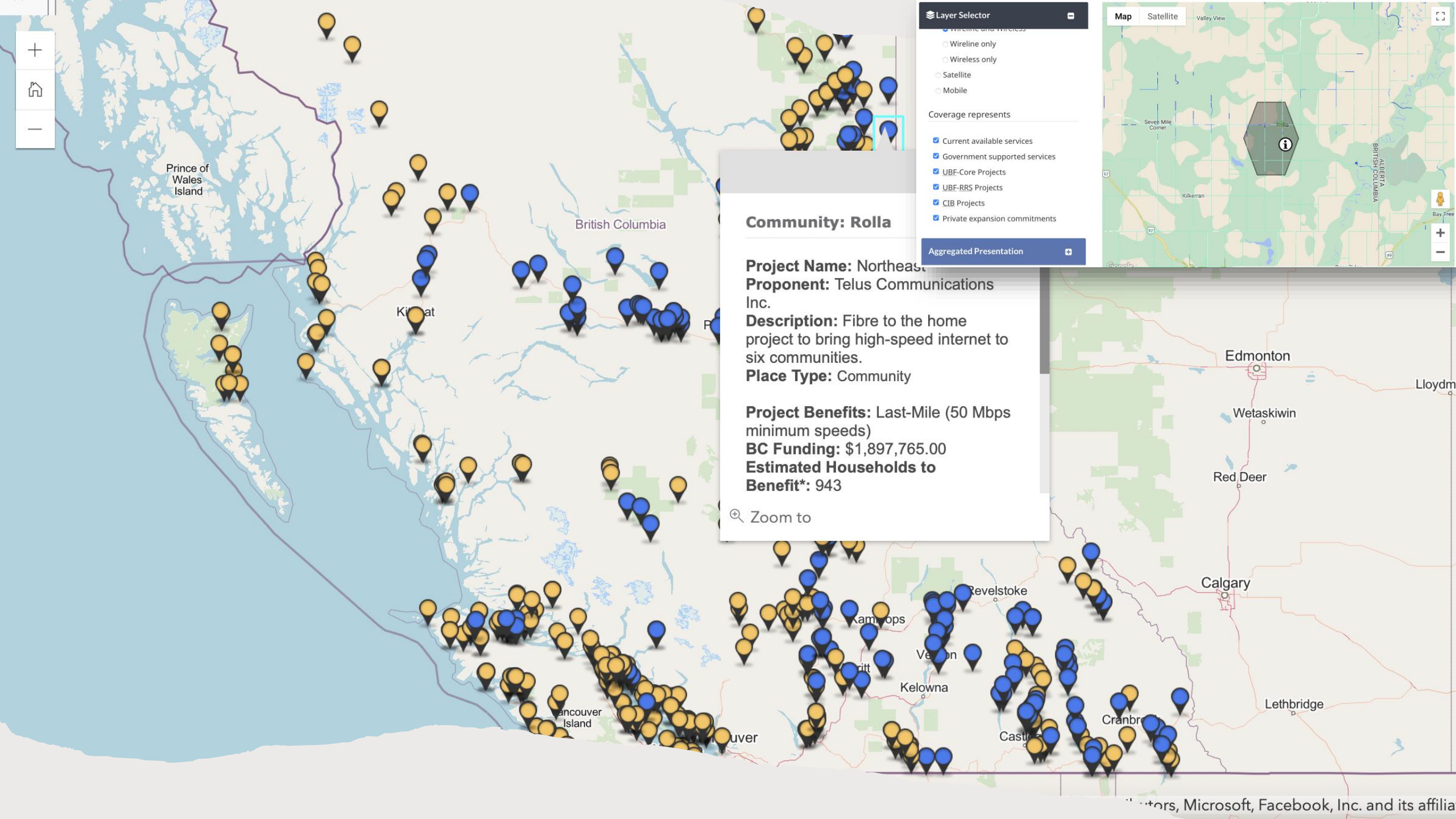
Connecting Communities BC

- Service provider proposals to complete zones
- Data provided with specific areas requiring projects
- Applications where speeds may be an issue

Future LEO

- Evaluating remaining homes





Prince of Wales Island

British Columbia

Kiwiat

Community: Rolla

Project Name: Northeast
Proponent: Telus Communications Inc.
Description: Fibre to the home project to bring high-speed internet to six communities.
Place Type: Community

Project Benefits: Last-Mile (50 Mbps minimum speeds)
BC Funding: \$1,897,765.00
Estimated Households to Benefit*: 943

Zoom to

Layer Selector

- Wireline and Wireless
- Wireline only
- Wireless only
- Satellite
- Mobile

Coverage represents

- Current available services
- Government supported services
- UBF-Core Projects
- UBF-RRS Projects
- CIB Projects
- Private expansion commitments

Aggregated Presentation

Map Satellite Valley View

Seven Mile Corner
Kilkerran
Rolla
ALBERTA
BRITISH COLUMBIA
Bay Tree

Edmonton

Wetaskiwin

Red Deer

Calgary

Lethbridge

Revelstoke

Kamloops

Verdon

Kelowna

Cranbrook

Vancouver Island

Vancouver



Thank you



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COLUMBIA

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