Innovation, Science and Economic Development Canada
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Canada

Spectrum for Rural and Remote Communities

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Innovation, Science and Economic Development Canada

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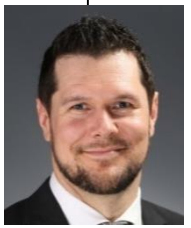


Governance, Policy Coordination and Planning
Stuart Parley

The Spectrum and Telecom Sector – *we help make wireless work!*

Here's what we do

Researching and regulating spectrum

Regulating telecommunications and radiocommunications equipment

Ensuring the safety and security of existing and future telecommunications infrastructure.

We work across the department, the government, at the international level, and with our stakeholders to support a competitive wireless industry, strong investment, and cyber-resilience

Policies reflect government priorities

Innovation:

"Where innovation happens is where the middle-class jobs of today and tomorrow are created. Our government is making smart and responsible investments in innovation that will result in better jobs and opportunities for all Canadians and help equip Canadians with the in-demand skills for the jobs of today and into the future. That's how innovation leads to a better Canada."

Inclusion:

"We need every Canadian to be innovation ready – ready to spot opportunities, imagine possibilities, discover new ideas, start new businesses and create new jobs. All Canadians need access to high-speed Internet, regardless of their income level or postal code. Until we bridge this digital divide, Canadians will not reach their full potential."

Rural connectivity is a priority for the Government

New Minister of Rural Economic Development

Applying a rural lens to all of our work

There is no single solution to serving rural and remote areas of Canada.

We hear you, and are taking action.

We are examining new tools to address the challenges of serving rural communities

Different service areas, different challenges

Giving Providers the Tools They Need

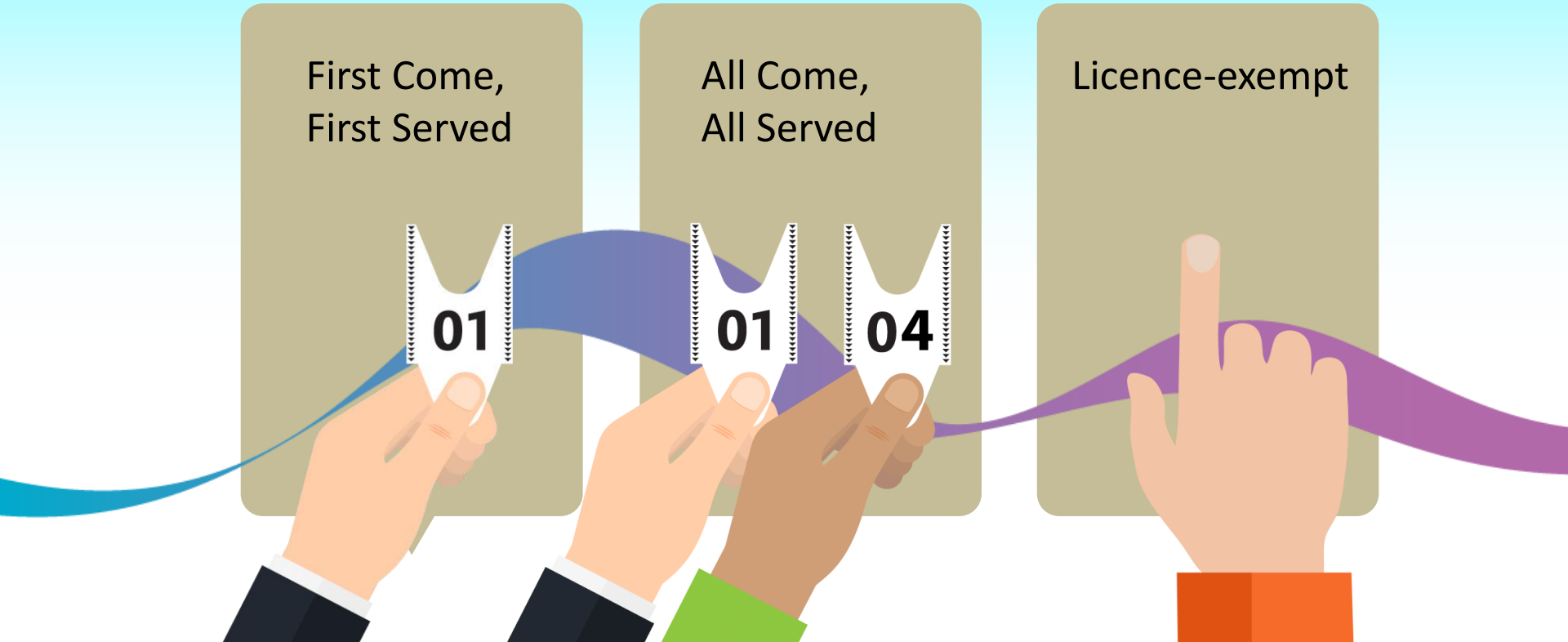
Challenges that rural providers have identified

- Tier sizes
- Licensing frameworks
- Backhaul fees

We have lots of tools –
and we are building more

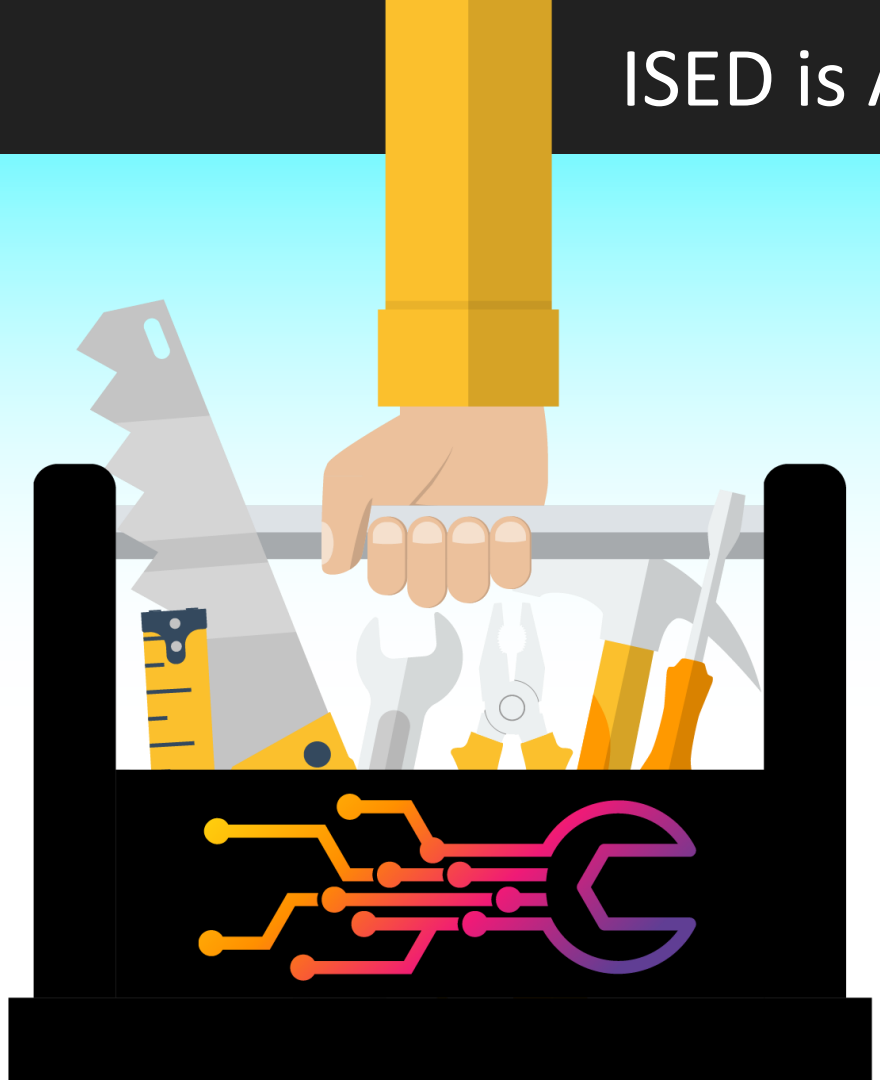
Auction formats

Other licensing methods



Secondary Markets

ISED is Adding Tools to the Toolbox



- Developmental licence playbook
- Tier 5
- Spectrum releases
- New ways of accessing and sharing spectrum
- New rules for NGSO satellite licensing
- Backhaul fees
- What’s next…

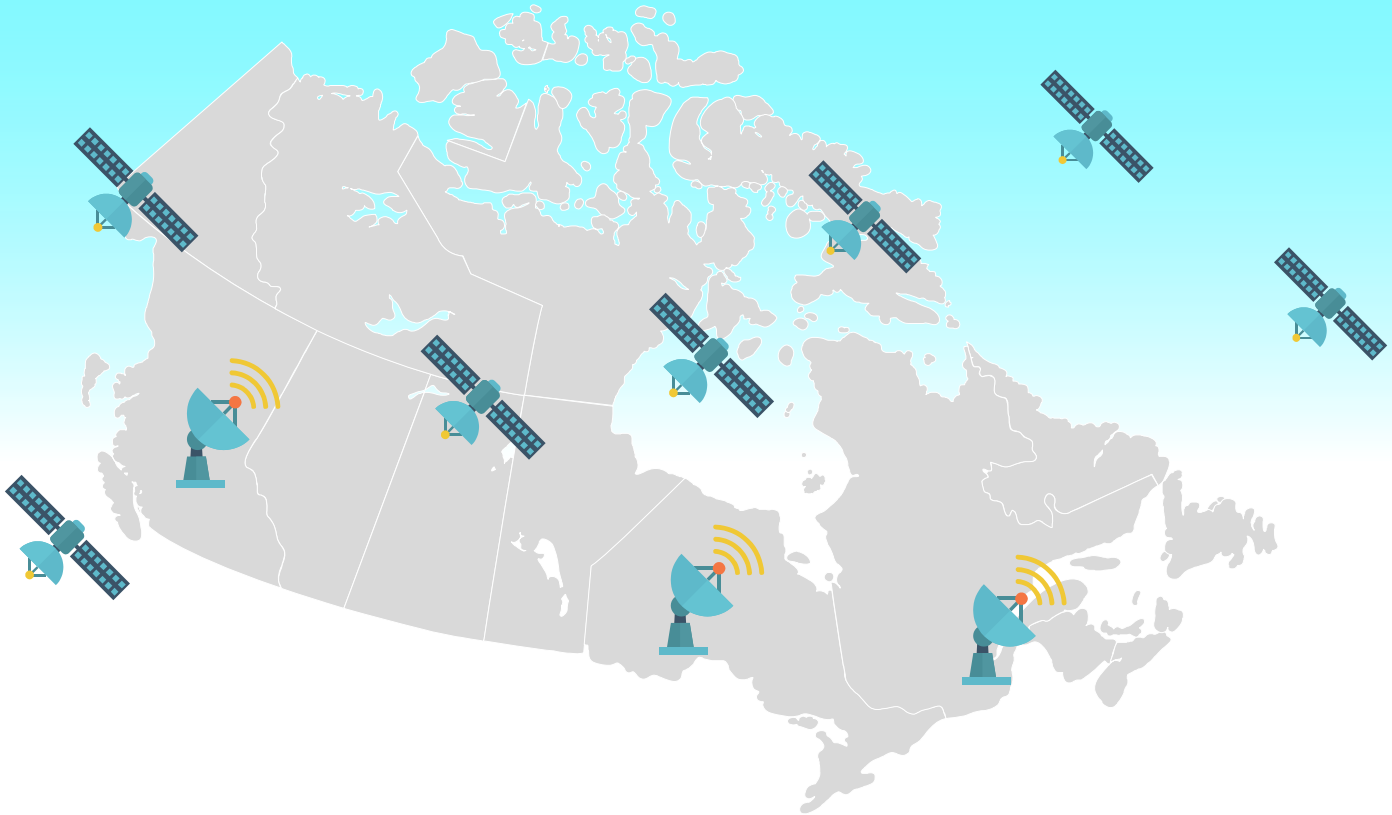
Developmental Licence Playbook

Tier 5

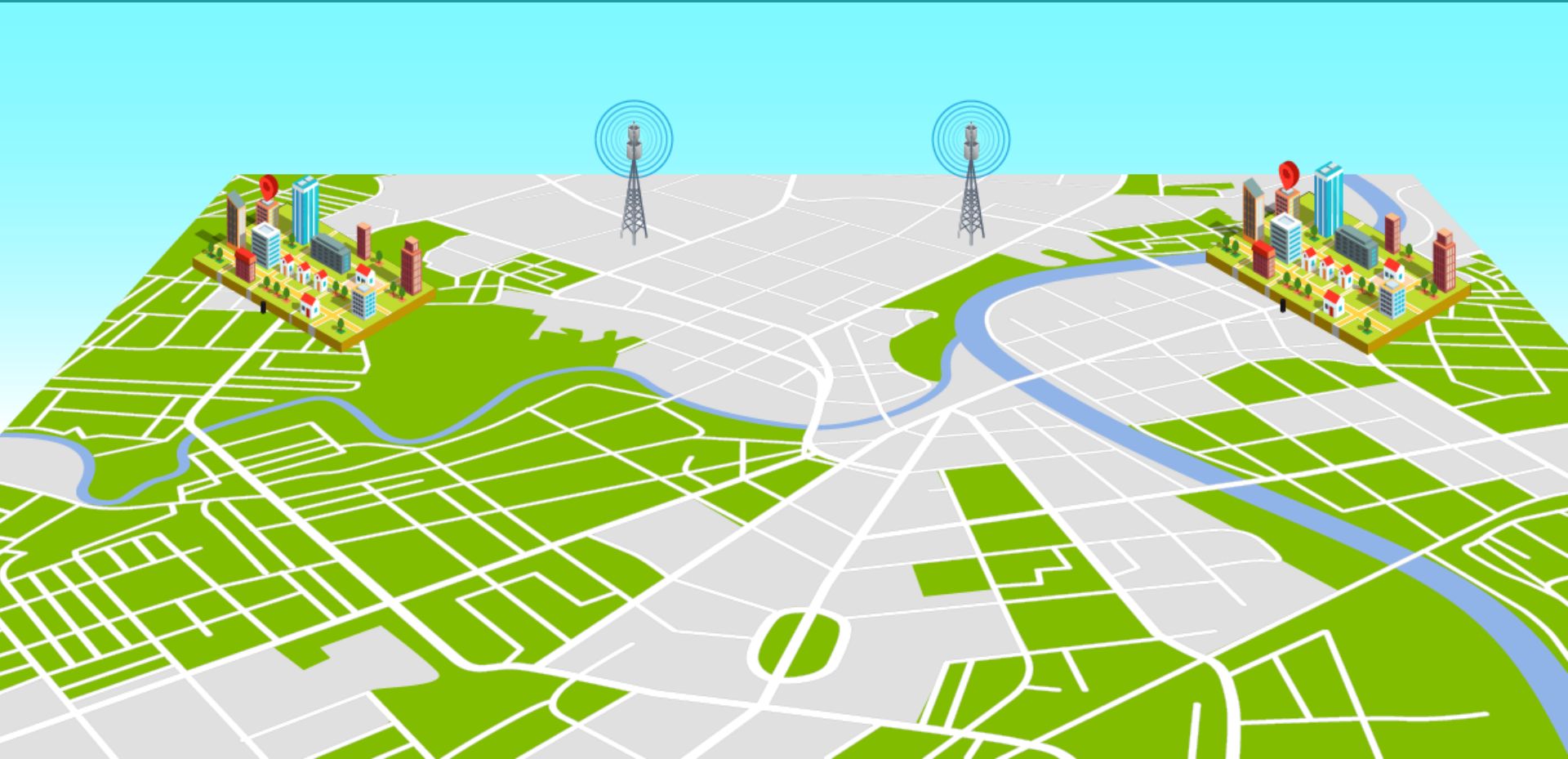
Spectrum Releases

New ways of accessing and sharing spectrum

NGSO Licensing Rules



Backhaul Fees



What’s next…

- $5B-$6B strategy for universal high-speed internet by 2030
- $199M to modernize spectrum management
- Studying unused spectrum in underserved areas, considering approaches to making underutilized spectrum available when there is a demand
- Making more spectrum available