



SMART CITIES CHALLENGE

**PARKLAND COUNTY, LAC STE. ANNE COUNTY,
YELLOWHEAD COUNTY, BRAZEAU COUNTY**

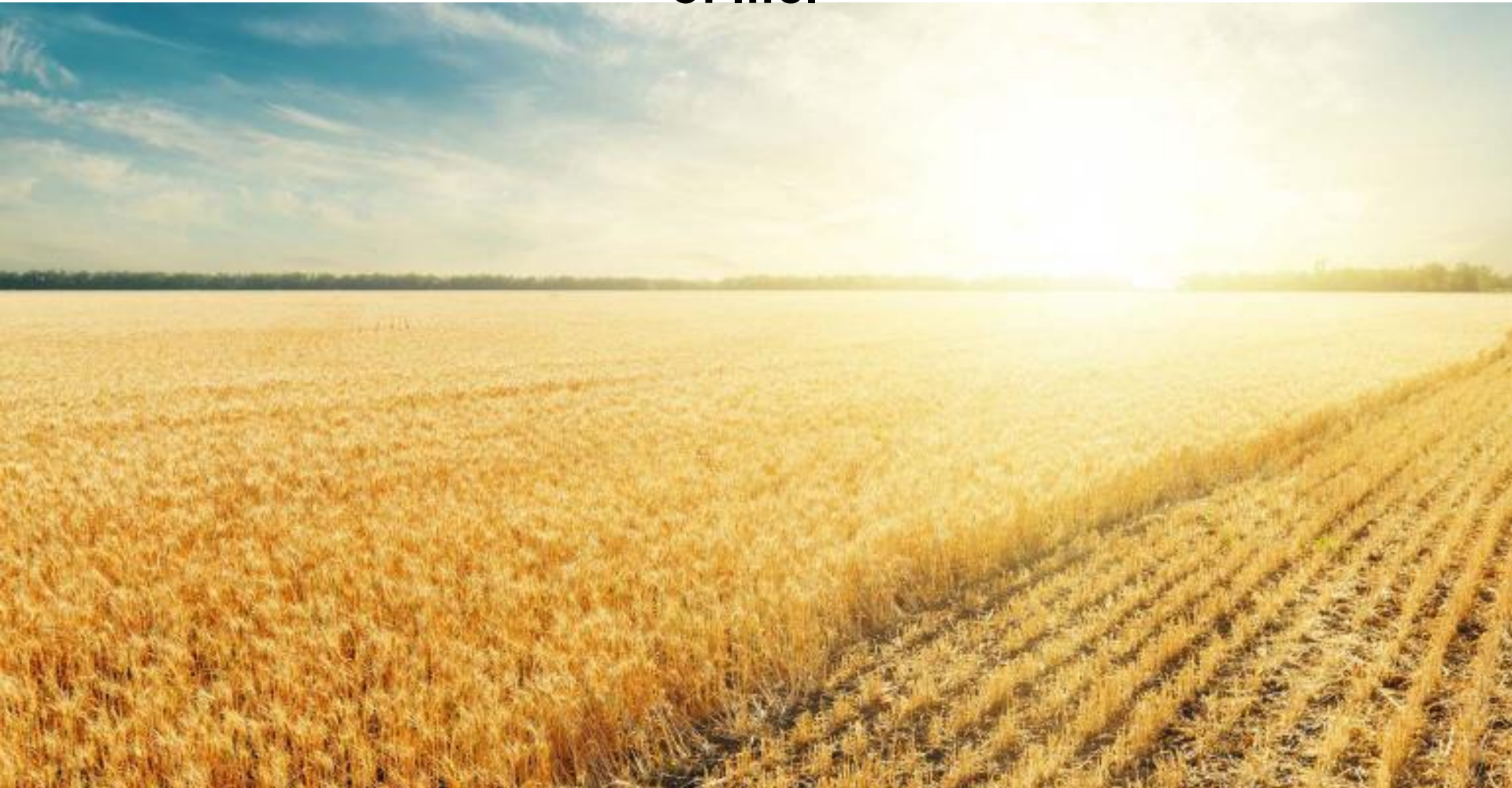
NOVEMBER 2018

A horizontal banner featuring a blurred background of a city street with people walking. On the right side, there are several thick, curved, overlapping lines in green, yellow, orange, and teal. The text "SMART CITIES CHALLENGE" is written in large, white, sans-serif capital letters on the left side of the banner.

SMART CITIES CHALLENGE

#smartcitiesCanada

“Our agricultural community will revitalize and grow through the connection of people to the land and food while attracting citizens to share in its prosperous, innovative and resilient way of life.”



Why a regional partnership?



Why Agriculture?



What is an Ag Lab?

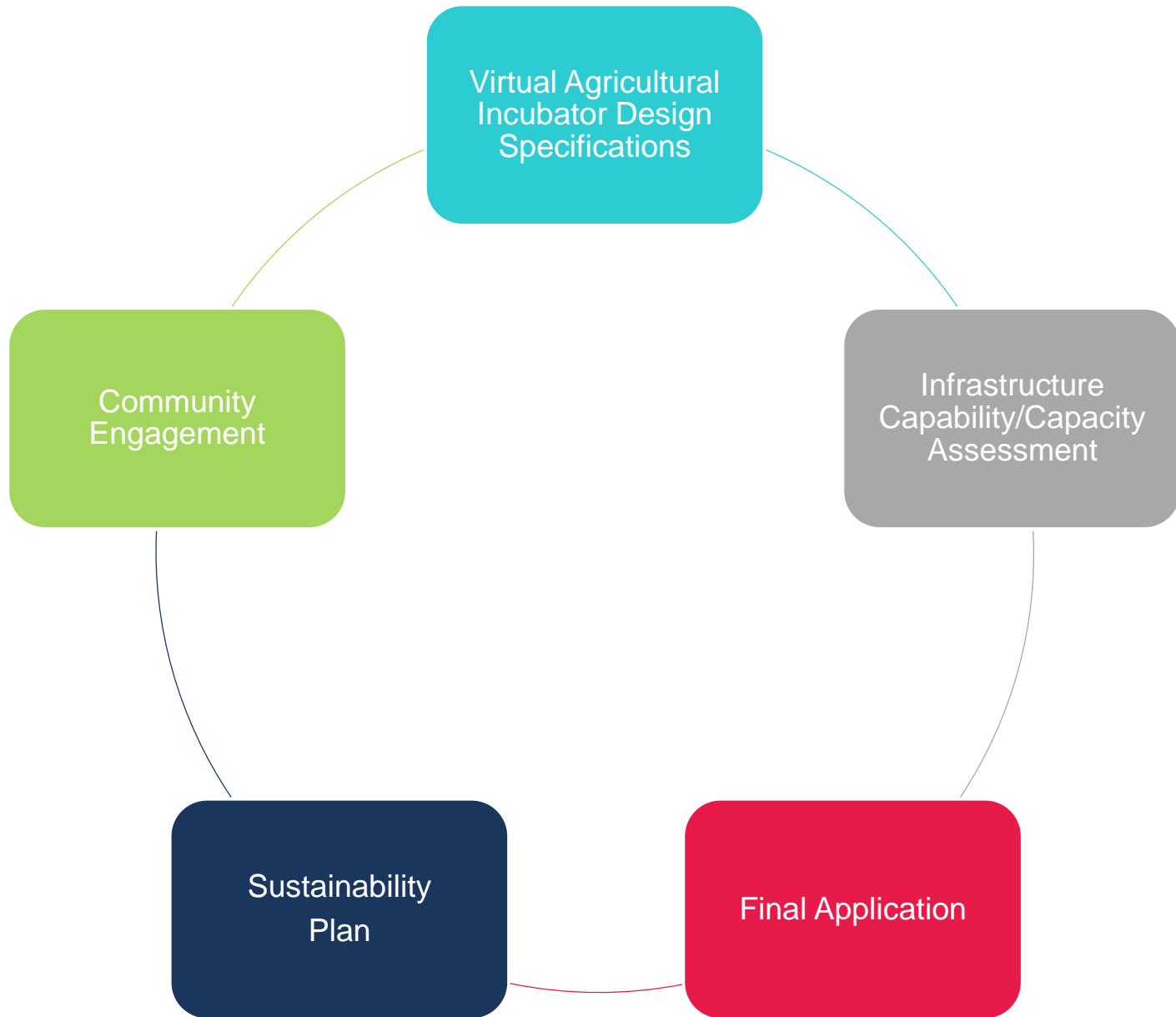
An Ag Lab supports rural communities:

- It helps rural communities become more self-reliant,
- It helps rural communities become more sustainable,
- It helps rural communities deliver and maintain a high level of safety and security, and
- It helps rural communities become more attractive - Attract talent
- Manage an Ag workforce
- A home for leading edge development with a culture of innovators
- A primary hub for applied Ag research with the academic community

What could an Ag Lab do?

Some opportunities include:

1. Precision Agriculture testing and deployment
2. Test location for app development
3. Centre for Safety and Security
4. Research and Development
5. Micro-weather forecasting
6. Access to Local, National and International markets
7. Succession Planning



Virtual Agricultural Incubator Design Specifications

- Work with internal and external experts to create a design of the Virtual Incubator
- Specify community benefits of the project
- Prototype testing
- Identifying existing technologies that can be adapted to an agricultural application

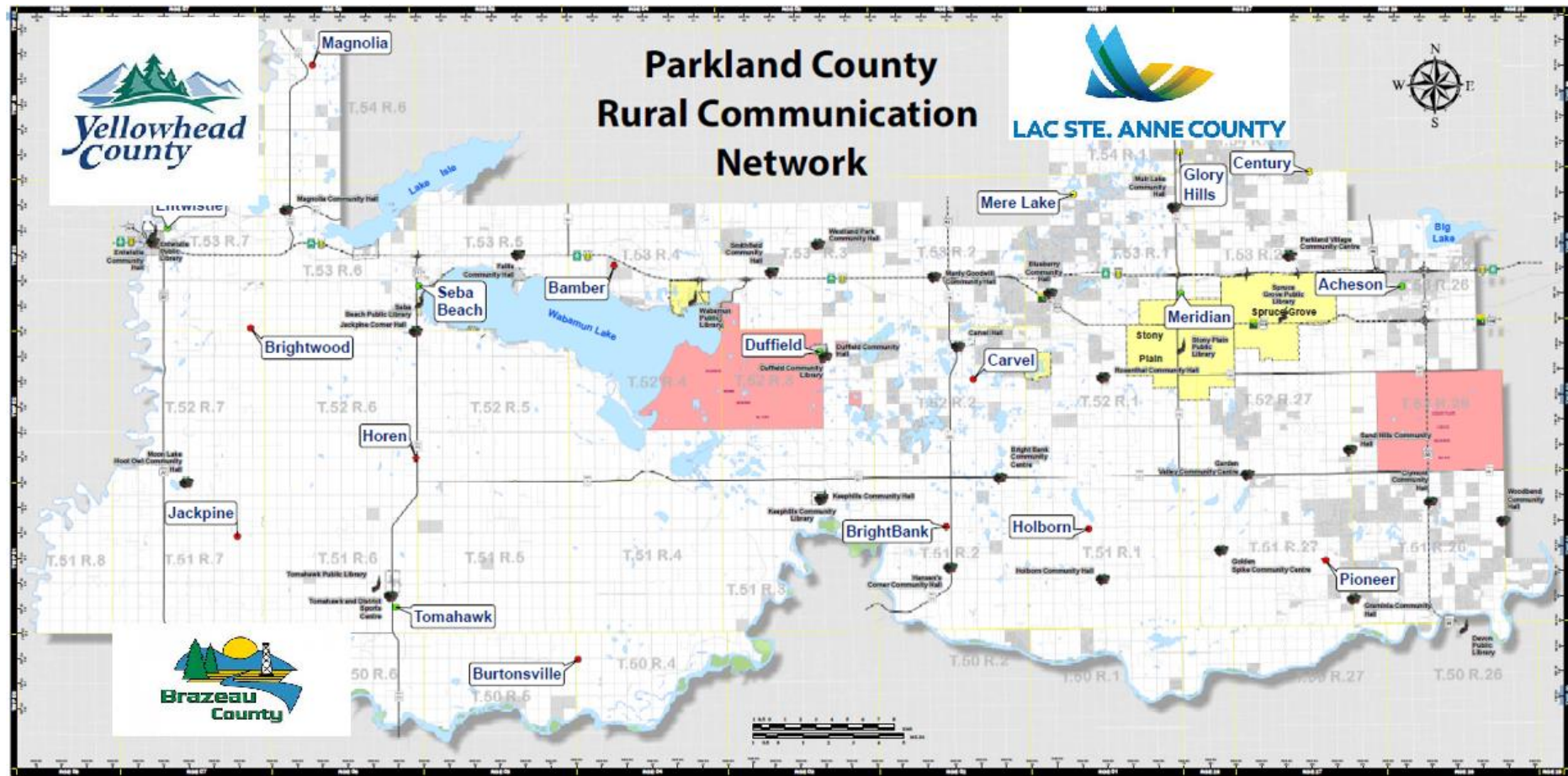


Infrastructure
Capability/Capacity
Assessment

- A complete review of current infrastructure in all 4 communities
- Recommendations on how to fill the gaps identified long term
- Examining ways to leverage the regional existing infrastructure and collaborate to find ways to solutions to the rural connectivity issue



Parkland County Rural Communication Network



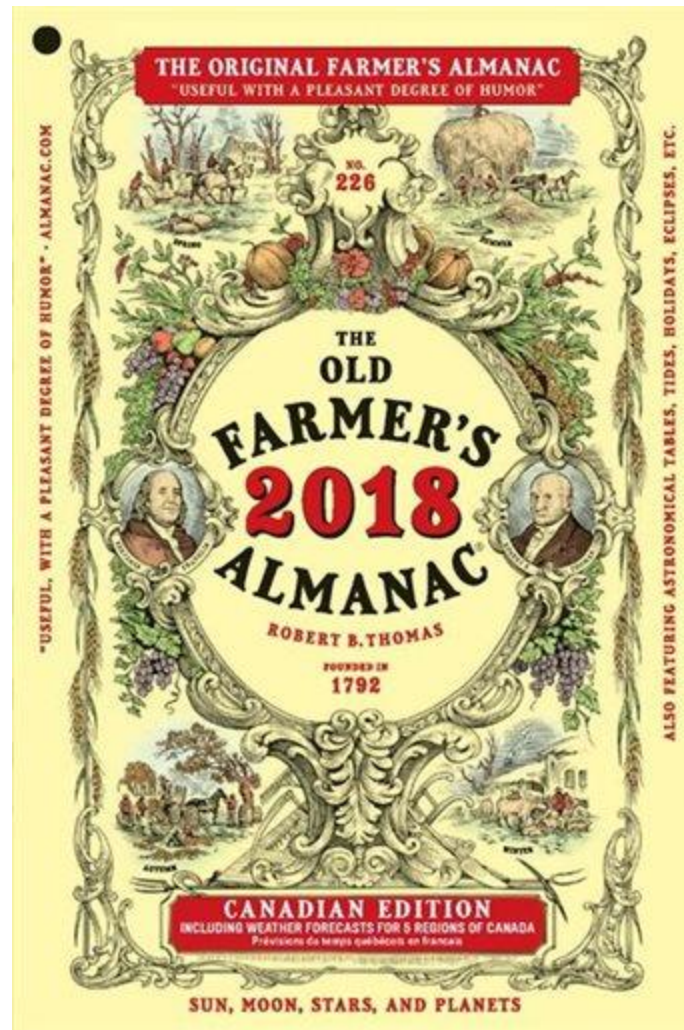
Community Engagement

- Create further citizen engagement opportunities for the agricultural community to give input into the features of the Virtual Lab
- External stakeholder engagement session to bring expertise and innovation to the design of the Lab.



Sustainability Plan

- Creation of a long term plan to keep the Ag Lab both scalable and self sustaining after the 10 million would be spent in 3-5 years
- Create a governance plan as well as a financial plan to grow the lab from a regional project to a national tool
- Plan on how to use the open data created from the lab to drive rural innovation



Final Application

