



British Columbia Living Lab

Abbotsford – November 23, 2022



Agricultural Climate Solutions – *what is it again?*



1. Government of Canada's Natural Climate Solutions (~\$5bn)
2. Agricultural Climate Solutions is made up of:
 1. Living Labs (~\$200 million)
 2. On Farm Climate Adaptation Fund (~\$600 million)
3. Living Labs includes 13 sites (~\$12 million each)
 1. The BC Living Lab is the most diverse partnership

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Agricultural Climate Solutions – *what is it again?*

- Sequester **carbon**
- Mitigate **greenhouse gas (GHG) emissions**
- Provide **environmental co-benefits** such as biodiversity, water quality, soil health, etc.



Agricultural Climate Solutions

- ① British Columbia
- ② Peace Region
- ③ Alberta
- ④ Western Prairies
- ⑤ Bridge to Land Water Sky
- ⑥ Central Prairies
- ⑦ New Brunswick
- ⑧ Nova Scotia
- ⑨ Newfoundland and Labrador

Living Laboratories Initiative

- ⑩ Eastern Prairies
- ⑪ Ontario
- ⑫ Quebec
- ⑬ Prince Edward Island

3 Primary Activities of Living Lab



Climate mitigation

Demonstration of practices that increase soil C and reduce greenhouse gas emissions



Socioeconomic analysis

Understand social and economic implications of adopting practices



Knowledge exchange

Share information about practices among participants with various disciplines and backgrounds



3 Core Principles of Living Lab



User-centred innovation

Activities focus on farmers' needs, and farmers are involved throughout the development process



Working in partnership

Experts from various disciplines and backgrounds tackle a common issue



Real-life context

Testing takes place where farmers would actually use the technology or practice



Iterative Cycles of Improvement



“It’s not a research project, it’s an innovation project supported by research”