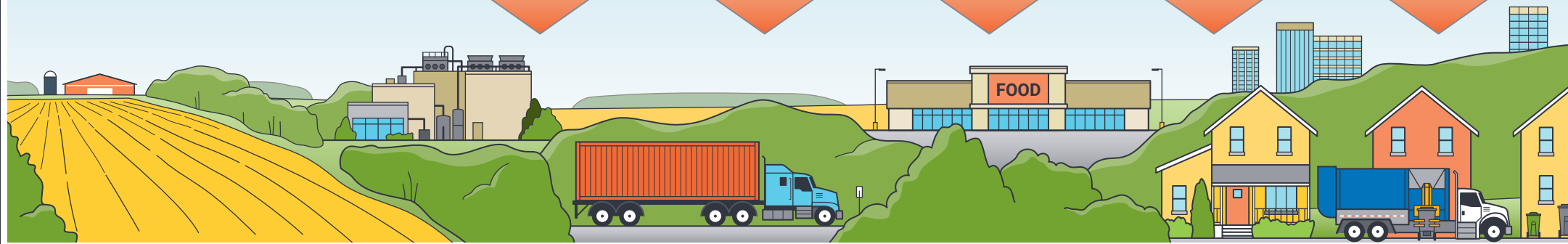
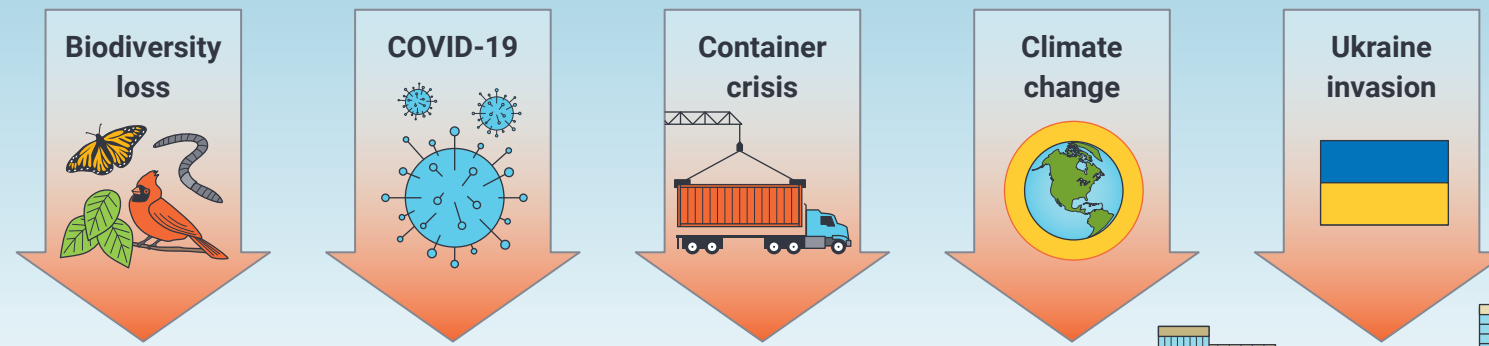




WHY INNOVATION AND TECHNOLOGY ARE KEY TO A SUSTAINABLE FOOD SYSTEM IN CANADA

The impact of recent global crises have made it clear that Canada needs to transition to a more sustainable and resilient agri-food system where all of its population has access to nutritious food.



HOW INNOVATION AND TECHNOLOGY CAN HELP

Innovation and technology can help produce more food for a growing population and make the food system more sustainable, but this depends on collaboration.



TECHNOLOGY

New technologies can be used to produce food in winter, reduce distance and time between the food and the plate and reduce greenhouse gases.

- Cellular agriculture
- Vertical farming
- Bio packaging
- Robots



POLICY

Policies that incentivize the adoption of technologies (i.e., land use), avoid food waste, support food security in the country, particularly in First Nation territories, and facilitate engagement of youth in the sector.



LOCAL KNOWLEDGE

Acknowledging local knowledge from communities and supporting partnerships between farmers, communities, and industry.

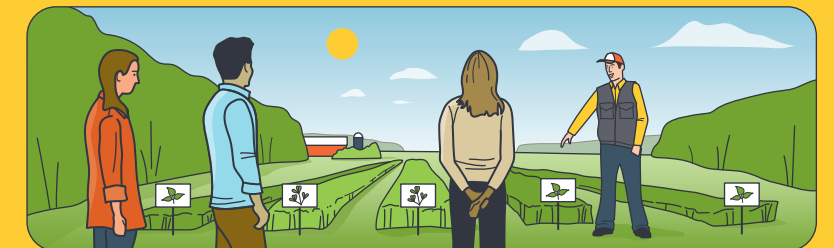
SUGGESTED STRATEGIES FOR A SUSTAINABLE FOOD SYSTEM



1. Facilitate experimental approaches that allow co-creation, creativity and “practicing with the future”.



2. Identify and promote capacity development.



3. Advance the current understanding of existing agri-food system solutions.



4. Support research and technology uptake.