![Agri-food Innovation Council — AIC — Conseil de l'innovation agroalimentaire](image)

AI & Robotics in Agri-Food

Agri-food Innovation Council

aic

Conseil de l'innovation agroalimentaire

Key indicators Agriculture

- 66.3% of farms reported using technology
  - 56.2% using computers or laptops;
  - 42.9% using smartphones or tablets;
  - 30.1% using GPS technology;
  - 20.5% using automated steering.

- Larger farms more likely to use technology.

- Compared to other countries, Canada has low rates of technology adoption

Key indicators Food

- $500 million worth of robots to be sold per year by 2025

- Most large fast-food chains to have adopted artificial intelligence systems by 2022.

- AI is estimated to enable us to cut food waste, unlocking $127 billion by 2030…

Key indicators Food

The future is served...

AI & Robotics in Agri-Food

- Fantastic potential…

- Rapidly evolving

- Multiple sectors involved (academia, NGOs, governments, producers, entrepreneurs)

- Requires support – financial, policies, knowledge dissemination, training

- Improve policies:
  - Forward-looking policies to provide a framework that will satisfy users and consumers of new technologies;
  - Measures to support adoption of new technologies in agri-food (taxation, funding, etc.);
  - Look at "upskilling" and training – for the existing and coming workforce.

- Knowledge dissemination:
  - Explain it to users
  - Explain it to consumers (public trust)

  - Proactive knowledge dissemination will prevent us facing other issues.

Develop recommendations (December – March);

- Review discussions during this Conference

- Further research;

- Consultations.

Release recommendations (April 2020);

Advocate for the implementation of our recommendations (April 2020+);

Other AIC priorities:

Five key priorities:

- Effective funding;

- Collaboration & partnerships;

- Public trust;

- Favourable climate for investments;

- Equality, equity and inclusiveness.

Report on Protein Industry Market

Report on Protein Industry Market – Global and Canadian Analysis

"Sustainable Food Research & Technology" part of NRC's website

Kristen.Trautman@nrc-cnrc.gc.ca

What is AIC?

The Agri-Food Innovation Council is a not for profit organization founded in 1920 and incorporated federally.

AIC is a unifying voice for cross-sectorial agricultural research and innovation in Canada.

Corporate membership $1,000 (NGOs, businesses, etc.).

AIC's mission and mandate

Mission: For the Agri-Food Innovation Council to be a unifying voice for agricultural research and innovation.

AIC's mandate consists of key actions related to agricultural research and innovation:

- Influencing public policy;

- Disseminating information;

- Promoting careers in agricultural research and innovation;

- Facilitating networking;

- Being the key partner in Canada for international activities.