



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

Canada



AAFC's Role in the Canadian Agri- Based Bioeconomy

Presentation to the Scaling Up Bio Conference

November 15th, 2016

Our Vision

Driving innovation and ingenuity
to build a world leading agricultural and food economy
for the benefit of all Canadians.

Our Mission

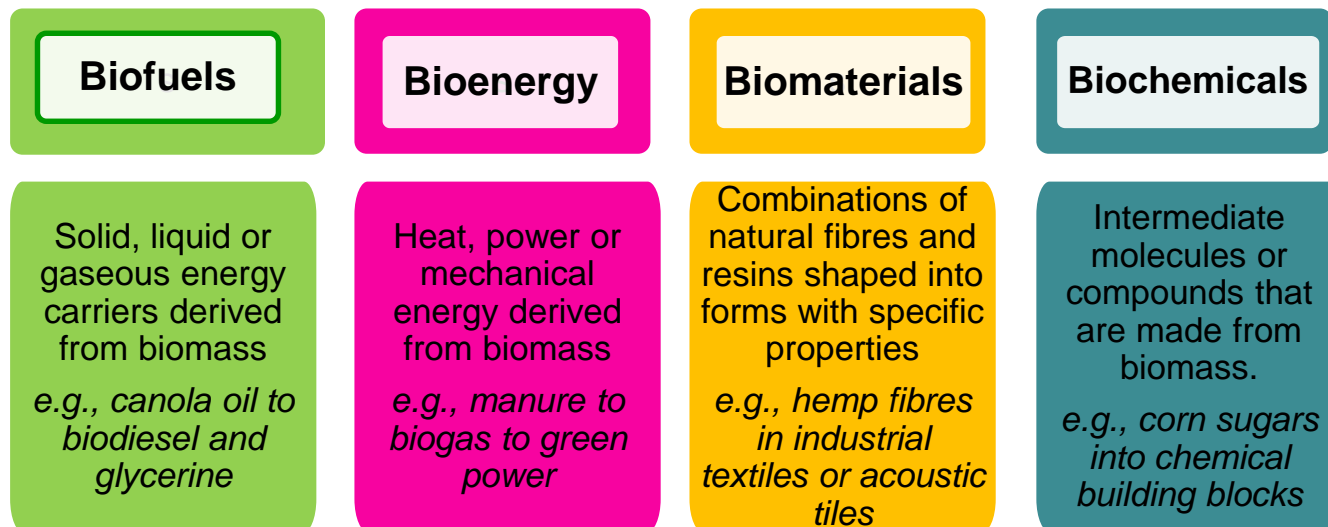
Agriculture and Agri-Food Canada provides leadership
in the growth and development of a competitive, innovative
and sustainable Canadian agriculture and agri-food sector.

Purpose

- To provide an overview of Agriculture and Agri-Food Canada (AAFC)'s role in the Canadian agri-based bioeconomy
- To discuss government commitments to clean technology
- To provide an update on the Next Policy Framework.

AAFC Industrial Bioproducts Landscape

- AAFC has classified bioproducts into four broad end-use categories:



- Non-food/non-feed products from existing crops, new dedicated crops, crop residues, food and livestock waste.

Bioproducts-Related Policy Fora

AAFC conducts analysis and considers policy approaches that support the Canadian bioproducts through the following Working Groups:

Federal-Provincial-Territorial Bioproducts Working Group

- To enhance FPT collaboration and coordination related to the agri-based industrial bioproducts sector.

Bioproducts Interdepartmental Working Group (BIWG)

- Identify issues facing bioeconomy development;
- Improve coordination and collaboration of Government of Canada bioeconomy activities.

Bioeconomy Metrics Sub-Working Group (MWG)

- Identify and evaluate the applicability of existing metrics to determine size, trends and state of the bioeconomy.

Bioproduct Industry Engagement

The Industrial Bioproducts Value Chain Round Table (IBVCRT) is an industry-led forum designed to bring together key industry representatives with federal and provincial governments.

Co-Chaired by AAFC and an Industry Representative



Growing Forward II: AgriInnovation Program (AIP) 2013-2018

- Accelerate the **creation, application** and **transfer** of knowledge and technologies to the sector; and
- Increase the successful **demonstration, commercialization** or **adoption** of agriculture and agri-based innovations.
- Includes AAFC-led efforts, agri-science clusters, agri-science projects, and commercialization activities

\$698 Million over five years along the entire innovation continuum

Canadian Agricultural Adaptation Program (CAAP) 2014-2019

To ensure the agriculture, agri-food and agri-based products sector can adapt and remain competitive by helping the sector to:

- **Seize** opportunities;
- **Respond** to new and/or emerging issues; and/or
- **Pilot** new solutions to new and ongoing issues

\$50.3 million in non-repayable contributions over 5 years

Growing Success Stories for Agriculture

Composite Innovation Centre (MB)



Improve crop fiber quality to increase demand for agricultural fibers for use in transportation and construction manufacturing

BioAmber (ON)



Potential new market for Canadian corn producers and processors of high fructose syrup

Soy 20/20 (SK)



Development of Camelina Sativa, a new dedicated oilseed crop generating new income opportunities for producers

On November 7th, 2016, AAFC announced an investment of up to \$2.9 million to the Compositions Innovation Center.

Federal Commitments related to Clean Technology

- Budget 2016 committed \$1B over four years to support **Clean Technology** development in the natural resource sectors including agriculture
- First Ministers Meeting agreed to a **Pan-Canadian Framework (PCF)** for Clean Growth and Climate Change (March 2016)
- Canada committed to the **Paris Agreement** with mitigation targets by 2030, and **Mission Innovation** commitments to accelerate clean energy innovation (Nov/Dec 2015)
- The Government of Canada **Innovation Agenda** to support long-term economic growth

The Next Policy Framework will begin in April 2018

- Federal, Provincial and Territorial (FPT) governments are working collaboratively to develop and implement a new multi-year agricultural policy framework to jointly advance their priorities and ensure producers can mitigate risks.
- The Next Policy Framework (NPF) will continue to deliver programs and services for primary producers, the processing sector, and industry organizations.
- The NPF will also drive forward the Government's wider priorities in areas such as the environment and climate change; science, research and innovation; trade and investment; and results.
- FPT partners are working to have the multilateral framework agreement signed by Ministers in the summer of 2017, with bilateral agreements negotiated and announced in late 2017 or early 2018.

The Path to the Next Policy Framework

