

# Clean Growth in Agriculture and Agri-Food

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*Scaling Up 2017: Making the global bioeconomy mainstream*



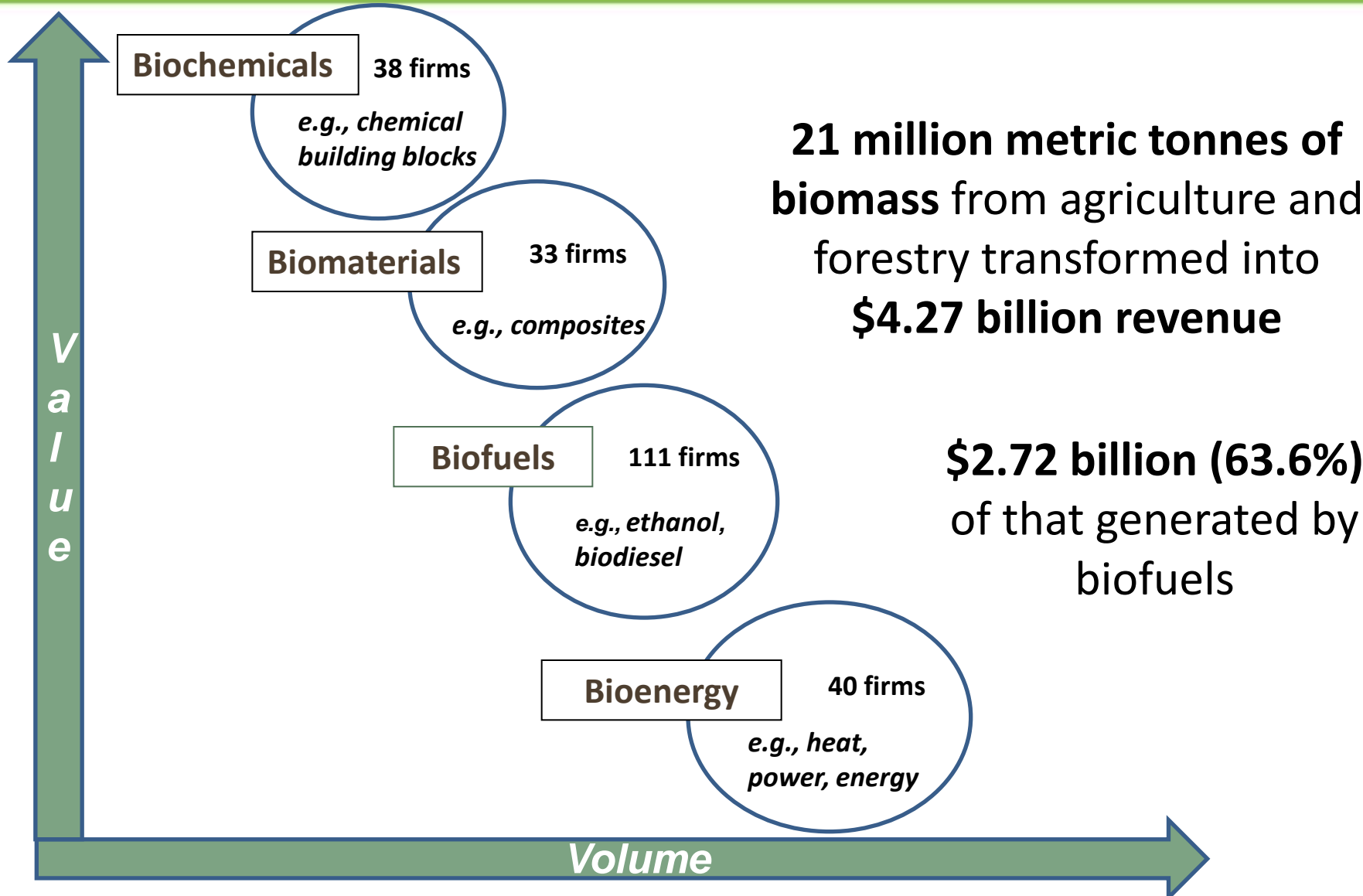
Agriculture and  
Agri-Food Canada

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# Purpose

- Provide an overview of Canada's agricultural bioeconomy
    - growth areas and opportunities
  - Discuss Agriculture and Agri-Food Canada's commitments to innovation, climate change, and clean growth
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# Canada's agricultural bioeconomy

Data from the 2015 Bioproducts Production and Development Survey (AAFC, 2017).

# Canadian Bioproduct Opportunities

## Woodbridge Foam (Woodbridge, ON)

- Supplies major markets with foam automotive products which have a high content of soybean material.
- BioFoam™ technology substitutes petroleum with renewable bio sources to manufacture polyurethane products, including foams used to make automotive components including seat cushions and head and arm rests.



## Composites Innovation Centre (MB)

- Improve crop fiber quality to increase demand for agricultural fibers for use in transportation and construction manufacturing.
- Provide design services to support and stimulates economic growth through innovative research, development and the application of composite materials and technologies for manufacturing industries.



## Just Biofiber and EcoLock (Kelowna, BC)

- Five-story building project proposed for downtown Kelowna, BC.
- The walls of the facility will be built with Super Structural R-Value (SSR) “Just Biofiber” construction blocks, made of industrial hemp.
- Absorbs and retains atmospheric carbon dioxide (CO<sub>2</sub>) during its manufacturing process and utilizes rapidly-renewable plant fibers



# Working together to innovate, grow and prosper

- The Canadian Agricultural Partnership (CAP) is the 4th federal/provincial/territorial (FPT) agricultural policy framework
- Developed in consultation with PTs, industry and individuals across Canada, CAP is a new five-year (2018-2023) agreement
  - comes into force April 1, 2018
- This \$3 billion investment by FPT governments will strengthen the agriculture, agri-food and agri-based products sector, ensuring continued innovation, growth and prosperity
- There is also a focus on inclusiveness of women, youth and indigenous communities to foster diversity and increase involvement for under-represented groups in agriculture and value-added agri-processing
- This investment is complementary to the broader Government of Canada agenda for clean growth, inclusive innovation, and clean technology
  - Including the \$200M Budget 2017 commitment to clean technologies in the natural resource sectors, including agriculture

# CAP programming leverages previous successes while investing in new activities

Federal programs will help build an agriculture sector that is stronger, more innovative and more sustainable, and will include:

## **AgriScience**

- Designed to accelerate the pace of innovation by supporting pre-commercialization activities and investing in cutting-edge research to benefit the agricultural and agri-food sector
- The Program has two components: Clusters and Projects

## **AgriInnovate**

- Will accelerate the commercialization and/or adoption of innovative agri-based products, technologies, processes or services
- It will help increase industry capacity to build public confidence in the food system, respond to market requirements, and meet consumer demand

Provinces and Territories will develop and deliver regionally specific Cost-Shared Programming that align with federal objectives

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