

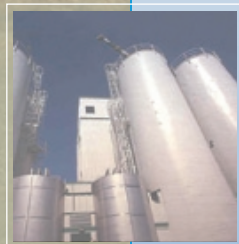
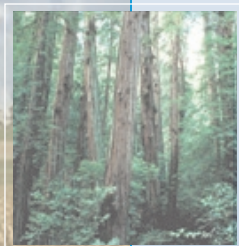
# The Canadian Biomass Innovation Network (CBIN)

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RÉSEAU CANADIEN D'INNOVATION DANS LA BIOMASSE (RCIB)

*CBIN coordinates the Federal Government's research and development (R&D) activities in bioenergy, biofuels and industrial biotechnology.*



## CBIN R&D is divided into 4 Activities that have the following Themes:

### A1: Existing and New Biomass Supply

- T: Detailed Agriculture and Forestry Biomass Inventory
- T: Purpose-Grown Woody Biomass Production (forestry and agro-forestry)
- T: Technologies for Harvesting, Preparation, Storage and Transportation
- T: New and Improved Biomass Feedstocks

This activity aims to improve the availability of Canada's two largest sources of biomass supply from forestry and agriculture operations.

### A2: Biomass Conversion and Utilization Technologies

- T: Biomass Conversion to Heat and Power (Bioenergy)
- T: Conversion of Waste to Bio-based Gases (biogas, syngas, hydrogen)
- T: Key Separation and Conversion Processes for Bioproducts
- T: Biocatalysis for Industrial Systems
- T: Advanced Biomass Conversion and Utilization Technologies

The intention here is to move viable technologies along the innovation curve. As these technology systems must be sustainable and competitive, attention is paid to increasing conversion and energy efficiencies to realize cost-effective and environmentally sound technological solutions.

### A3: Integrated Bio Systems

- T: Integrated Biorefining (oilseeds, cereals, starch, forest fibre, agricultural fibre and mixed feedstock)
- T: Regionally Clustered Enterprises

Focus is on the entire process: from biomass feedstock to final products, by developing systems that produce bioenergy, biofuels, bio-based gases, chemicals and other high value co-products.

### A4: Cross-Cutting Activities

Supports cross-cutting work related to coordination, strategy development, analysis and assessment, policy support, communication and dissemination.

**We are building a vibrant research and development base to support bio-innovation in Canada.**

**Each of these activities consists of a number of long term research themes that are managed by a Federal Government lead.**

**Contact us for more information about this program:**

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Communication Officer**

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**Visit the CBIN website for Key Documents, an FAQ list, Event Information and great Links.**

[www.cb-in-rcib.gc.ca](http://www.cb-in-rcib.gc.ca)