



Innofibre

Centre d'innovation
des produits cellulésiques



Scaling up – state of the art Innovation Hub
November, 14th, 2025
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Since
1989



OUR SERVICES

Applied Research and
Development

Scaling up

Technology Transfer

Technical Assistance to
Industry

Training of Skilled Workforce



CELLULOSIC PRODUCTS PULP AND PAPER

Testbeds in cellulosic products

- Pulping, treatment and paper machine
- Coater and coating kitchen
- Thermoformed cellulosic products
- Innovative cellulosic materials (explosion proof lab)
- Nonwoven wetlaid

A photograph of an industrial facility, likely a biorefinery. In the foreground, a worker wearing safety glasses and a dark shirt is operating a piece of machinery. To the left is a large wooden crate, and to the right is a stack of wooden pallets. In the background, there are large industrial tanks and complex piping systems. A semi-transparent dark blue banner with white text is overlaid on the middle of the image.

DECARBONIZATION BIOBASED PRODUCTS

Testbeds in decarbonization

- Conditioning and separation of bioresources
- Thermochemical conversion
- Pretreatment and biorefining
- Functional extracts
- Microalgae
- Other (biofuel)



Testbed of conditioning and separation of bioresources

ACHIEVEMENT

Study on biocarbon for metallurgy sector



Study

Using biocarbon to decarbonize the metallurgical sector: issues and impacts

The objectives

- Establish a general overview of the decarbonization of the metallurgical industry in Canada
 - Current situation
 - Who are the actors
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- Assess the potential of biocarbon as a substitute for fossil coke in Canadian metallurgical processes
 - GHG reduction potential
 - Reactiveness of the market
- Explore different options for developing the biocarbon sector
 - Alternative feedstock
 - Standards
 - Opportunities and weakness

BIOECONOMY IN MAURICIE

- Hub Agrifood District Lupel
- Hub Innofibre
- Business park dedicated to decarbonization (in development)

Industrial and innovation infrastructures

Resources

- Technical study of the bioresources available in Mauricie region
- BDO zone "A"

Innovation

- 4 applied research centers
- 1 university

Training

- Collegial students
- Factory employees
- Highly qualified people

Networking

- Many events on bioeconomy, hydrogen, Decarbonization and ecopackaging
 - Workshop on specific topics

Financing

- BIC Québec
- Provincial
- Federal
- Trois-Rivières Economic Development



Hub of biobased products - Innofibre



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