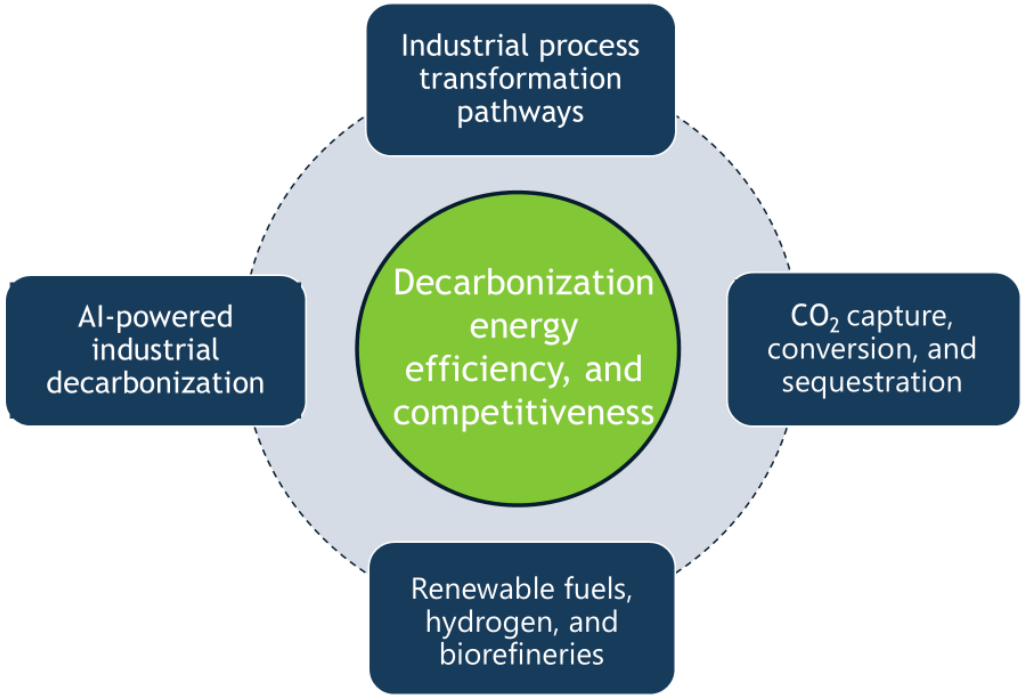
Canadian process integration / systems optimization experts

Project Idea	**Increase your project credibility with strong industrial expertise on process integration and systems optimization**
Organization	CanmetENERGY in Varennes, Québec, Canada
Addressed topic(s)	**CL4-2027-02-MAT-PROD-32** Efficient energy input from renewable sources and energy management in the process industries Also: **CID-2027-01-01**, **CL5-2027-02-D3-07** and **CL5-2027-05-D4-09**

Natural Resources Canada
CanmetENERGY in Varennes

- Part of Government of Canada, leading R&D lab on all things related to energy
- Industry Group with 30-year strong focus on process integration, systems optimization
- Looking forward to increased Canada-EU research collaboration



EXPLORE
Multivariate data analysis for process optimization

I-BIOREF
Assessment of the techno-economic, environmental and socio-economic performance of the sustainability and circularity of industrial biorefineries

INTEGRATION
Heat recovery optimization in industrial processes

COGEN
Modeling to improve the profitability of cogeneration systems

KraftSIM
CADSIM simulation for the assessment of new technologies in kraft processes

Competences / type of partners sought

Looking for any partners that already have a strong project idea but would benefit from R&D expertise that combines both academic and industry experience, especially about **process integration**.

Examples:

You have a great idea about installing a **heat pump** in a specific industry, but you lack expertise about how to **rearrange the existing heat recovery network** to minimize the heat pump temperature lift.

You have a great idea about installing high-temperature **heat storage** in a specific industry, but you lack expertise about how it can **integrate synergistically with existing cogeneration** steam turbines.

Contact details

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