



RACKAM







**107 companies • 3,130 jobs**  
 Sherbrooke Innopole offers financial support and coaching to businesses at the start-up, expansion or relocation stage of their project, in the Cleantech key sector in Sherbrooke.

# sherbrooke



## A HUB FOR GREEN ECONOMY

### COMPANIES THAT STAND OUT

#### ENERGY EFFICIENCY AND RENEWABLE ENERGY

	 <p><b>Demtroys</b> Heating costs management system</p>	<p>Designs, manufactures, and installs heating cost control systems for building owners who pay their tenants' heating.</p> <p><b>TECHNOLOGY</b> Wireless control system to manage the heating capacity required for the tenants' comfort, based on external environmental conditions.</p>	<p><a href="http://demtroys.com">demtroys.com</a></p>
	 <p><b>Dettson</b></p>	<p>Designs and offers sustainable and high-efficiency products for integrated HVAC solutions (heating, ventilation and air conditioning).</p> <p><b>TECHNOLOGY</b> Range of products for residential and light commercial purposes, including natural gas, electric or bi-energy forced-air furnaces, air conditioning and hydronic heating units as well as oil heating systems.</p>	<p><a href="http://dettson.ca">dettson.ca</a></p>
	 <p><b>Rackam</b></p>	<p>Develops parabolic solar concentrators adapted to the need of the industry for steam and hot water, and to supply electricity to remote locations.</p> <p><b>TECHNOLOGY</b> The ICARUS HEAT™ solar concentrator can heat fluids up to 220°C. The steam produced allows the system to be coupled with a turbine to produce electricity.</p>	<p><a href="http://rackam.com">rackam.com</a></p>
	 <p><b>SIGMA ENERGY STORAGE</b></p>	<p>Designs and manufactures eco-friendly, high-performance, and efficient energy storage solutions.</p> <p><b>TECHNOLOGY</b> The Compressed Air Energy Storage – Sigma Energy Storage (CAES-SES) solution allows the recovery of air and heat from energy surplus to be stored in the form of compressed air with high efficiency and low costs.</p>	<p><a href="http://sigmaenergystorage.com">sigmaenergystorage.com</a></p>

#### SUSTAINABLE TRANSPORT

	 <p><b>BionX</b></p>	<p>Designs and manufactures batteries and electric propulsion systems for bicycles. BionX has also developed a compact, foldable and portable scooter that fits in the trunk of a car.</p> <p><b>TECHNOLOGY</b> BionX's intelligent mobility system (console, battery, and motor) boosts propulsion energy by 25% to 300%, with speeds of up to 45 km/h.</p>	<p><a href="http://bionx.ca">bionx.ca</a></p>
	 <p><b>MOTREC</b></p>	<p>Designs and manufactures a complete range of robust and durable electric vehicles for the industrial and commercial sectors.</p> <p><b>TECHNOLOGY</b> Complete line of industrial electric vehicles such as freight, passengers or luggage carriers, stock chasers, tow tractors, utility and platform vehicles.</p>	<p><a href="http://motrec.com">motrec.com</a></p>

## RESIDUAL MATERIAL RECOVERY



Solutions for anaerobic decomposition in the agricultural sector with significantly lower production costs.

**TECHNOLOGY** Low-temperature anaerobic decomposition using micro-organisms to break down and recycle residual matter into green energy and bio-fertilizers.

[bioterre.com](http://bioterre.com)



Manufactures biofuels and renewable chemicals from non-recyclable waste.

**TECHNOLOGY** Proprietary thermochemical process that converts non-recyclable and non-compostable urban waste into clean fuel (ethanol) and green chemicals.

[enerkem.com](http://enerkem.com)



Designs, manufactures and integrates multi-material sorting-centers for the waste management industry.

**TECHNOLOGY** The EAGLE VIZION optical sorting unit automates the sorting of different waste material.

[sherbrooke-oem.com](http://sherbrooke-oem.com)



Produces, recovers, repairs, and remanufactures equipment used for electricity transportation and distribution, including transformers and circuit breakers.

**TECHNOLOGY** Complete range of guaranteed and remanufactured electrical products and manufacturing of dry type transformers for medium to high voltage.

[surplechv.com](http://surplechv.com)

## WATER, AIR AND SOIL TREATMENT



Distributes and develops the Enviro-Septic technology, and offers the related technology training and accreditation.

**TECHNOLOGY** Enviro-Septic wastewater treatment system : ecological, advanced, certified, and without complicated mechanics, maintenance or energy use.

[enviro-septic.com](http://enviro-septic.com)



Chemical-free, compact wastewater tertiary treatment systems, allowing compliance to environmental standards, including the reduction of ammonium (NH<sub>4</sub><sup>+</sup>).

**TECHNOLOGY** The unique design of the reactors and choice of material allow for the optimization of the electro-coagulation process which can be adapted to different wastewater types (i.e. industrial, municipal or agri-food).

[e2metrix.com](http://e2metrix.com)



Manufactures sediment and erosion control products and distributes spill management solutions.

**TECHNOLOGY** Turbidity curtains, silt fences, filtration bags and other geosynthetic products, that come standard or tailored to your needs.

[terraquavie.com](http://terraquavie.com)

## MANAGEMENT OF CARBON EMISSIONS AND SOCIAL ACCEPTANCE



Manager of forestry and agricultural projects generating quality carbon credits that allow GHG emitting companies to compensate for their emissions and reduce their carbon footprint.

**EXPERTISE** Social and agroforestry 'hands-on' project management that meets the international level methodologies of carbon offset projects on regulated and unregulated markets.

[ecotierra.co](http://ecotierra.co)



First private company in Canada accredited by the Standards Council of Canada as validation and verification body as part of the Greenhouse Accreditation Program.

**EXPERTISE** Supports businesses and organizations in the preparation of GHG inventories and reduction projects, and acts as validation and verification body for such projects.

[enviroaccess.ca](http://enviroaccess.ca)

## BIO-INDUSTRIES AND GREEN CHEMISTRY



Technological platform for bio-based cleaners and disinfectants, EPA certified and entirely biodegradable.

**TECHNOLOGY** THYMOX is a strong, entirely biodegradable disinfectant composed of natural active ingredients, with very low toxicity and significantly lower reaction time than that of chemical products.

[laboratoirem2.com](http://laboratoirem2.com)

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