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Canada

Sustainable Cities Trade and Investment Mission Poland and Ukraine

September 30th – October 4th, 2024

Company Profiles

Do business
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Faites affaire
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UN Sustainable Development Goal 11 aims to make cities and human settlements inclusive, safe, resilient and sustainable. Smart city technologies enable urban areas to be more cost-effective and more responsive to residents' needs while generating positive economic and environmental outcomes.

Canadian firms have excellent reputations abroad and provide solutions across a number of smart cities verticals, including smart buildings, utilities, data, energy, transportation and citizen services. They are sought after by global buyers for their professionalism and quality of service in improving energy efficiency, optimizing space and data, and minimizing the environmental impacts of urban infrastructure.

CANADIAN SMART CITIES SOLUTIONS



Smart Buildings



Smart Social Services



Smart Utilities



Smart Energy Systems



Smart Transportation and Mobility

In this catalog you will find profiles of 10 innovative Canadian companies joining the Sustainable Cities Trade and Investment mission to Poland. These companies will be visiting Poland on September 30th – October 4th to meet with Polish and Ukrainian cities, local governments, municipal utilities companies and key industry players.

The trade mission is organized by the Canadian Trade Commissioner Service (TCS) in cooperation with Polish Investment and Trade Agency (PAIH), Canadian-Polish Business Association (CPBA) and INNOWO Institute of Innovation and Responsible Development.

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ARMSTRONG



Company name	Armstrong Fluid Technology
Website	www.armstrongfluidtechnology.com
Representatives	Mihaela Codrina Ichim, Regional Marketing Manager Europe, cichim@armstrongfluidtechnology.com , https://www.linkedin.com/in/mihaela-ichim-33758698/
Focus Areas	Building automation systems IoT networks Integrated sensors and remote monitoring Renewable energy sources Smart water Urban infrastructure management
Company Profile	<p>Armstrong Fluid Technology is a designer, manufacturer, and marketer of fluid flow and control equipment applied in HVAC and water-based process industries.</p> <p>With more than 1000 employees worldwide, operating seven manufacturing facilities on three continents, Armstrong is known around the world as a leader and innovator in design, engineering and manufacturing within the fluid-flow equipment industry. Armstrong products are internationally recognized for design quality, long service life, and operating economy. Armstrong was incorporated in 1934 and it is developing industry-leading technologies, established international manufacturing operations, and expanded sales into global markets.</p>
Number of Employees	500+
City, Province	Toronto, Ontario

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Company name	CORE Renewable Energy Inc.
Website	www.coreenergy.ca
Representatives	Andrea Kraj, CEO & President, akraj@coreenergy.ca , https://www.linkedin.com/in/andreakraj/
Focus Areas	Building automation systems Circular solutions Closed-system economy Data visualisation and AI analytics Energy storage methods E-office IoT networks Integrated sensors and remote monitoring Low-emission urban transport Mobile services and apps for residents Renewable energy sources Smart city advisory services Smart grid management Smart water Smart waste management Urban infrastructure management Urban transport management systems.
Company Profile	The company offers a pioneering software solution revolutionizing decision-making in renewable energy. Harnessing advanced data analytics and real-time monitoring, CORE Renewable Energy empowers stakeholders to optimize performance, minimize costs, and enhance sustainable energy transition. The company delivers data-driven insights, enabling proactive asset management, and scalability to meet the diverse needs of renewable energy projects worldwide, today and into the future.
Number of Employees	5-25
City, Province	Winnipeg, Manitoba

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Company name	Genetec Inc.
Website	www.genetec.com
Representatives	Piotr Rogalewicz, Regional Key Account Manager, progalewicz@genetec.com , https://www.linkedin.com/in/piotr-rogalewicz-a38a5946/ Jakub Kozak, Area Sales Director - East Central Europe, jkozak@genetec.com
Focus Areas	Building automation systems Data visualisation and AI analytics IoT networks Integrated sensors and remote monitoring Smart city advisory services Smart water Urban infrastructure management Urban transport management systems
Company Profile	Unified Security, Intelligence and Operations support solutions for Smart Cities.
Number of Employees	500+
City, Province	Montréal, Quebec

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geomate

Company name	GeoMate Inc.
Website	www.geomate.ca
Representatives	Amin Gharebaghi, CEO, amgharebaghi@geomate.ca , https://www.linkedin.com/in/amin-gharebaghi/
Focus Areas	Data visualisation and AI analytics Smart city advisory services Urban infrastructure management Urban transport management systems
Company Profile	GeoMate stands out in the industry with its unparalleled ability to create high-resolution, wide-area 3D models of urban environments using advanced aerial imagery and cutting-edge artificial intelligence. The company's technology provides cost-effective, rapid, and seamless integration with various platforms, including industry-standard software like ARC GIS, making it an indispensable tool for urban planners, city officials, and developers. Unlike traditional mapping solutions, GeoMate's precise and detailed 3D maps offer real-time insights and simulations that facilitate sustainable urban planning, smart city development, and smart mobility innovations. The company's commitment to enhancing urban environments through precise spatial intelligence ensures that cities can plan more effectively, manage resources efficiently, and create resilient infrastructures. GeoMate's solutions are not just about mapping; they are about building the cities of the future – smarter, greener, and more livable.
Number of Employees	5-25
City, Province	Kitchener, Ontario

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Company name	Invinity Energy Systems
Website	https://invinity.com/
Representatives	Simon Biancardi, Director, Commercial Operations, sbiancardi@invinity.com , www.linkedin.com/in/sbiancardi
Focus Areas	Energy storage methods.
Company Profile	<p>The Company's batteries are a proven technology, having been deployed around the world. They have a duration of 4-24 hours, last 25 years with unlimited cycles, negligible degradation and no fire risk with a lower cost of storage than lithium over the life of the batteries.</p> <p>The long duration energy storage provided by Invinity batteries enables excess renewable energy to be stored during the day and used at night and other times when solar and wind are not generating energy enabling optimal usage of the renewable resource. They can also be used in other situations such as providing grid stability, supporting energy supplies during peak periods.</p>
Number of Employees	100-499
City, Province	Vancouver, British Columbia

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Company name	Lowfoot
Website	https://www.lowfoot.com
Representatives	Philip Playfair, Founder & Chairman, pplayfair@lowfoot.com , https://www.linkedin.com/in/philip-playfair-3161bb9/ Romer Ramos, Senior Engineer & Agile Coach, romer@lowfoot.com , https://www.linkedin.com/in/romerramos/
Focus Areas	Building automation systems Closed-system economy Data visualisation and AI analytics IoT networks Integrated sensors and remote monitoring Mobile services and apps for residents Smart grid management Smart water Energy management & energy efficiency solutions
Company Profile	Lowfoot has a proven track record of providing data-based decarbonization and energy efficiency software solutions. The company acquires, processes, and runs deep analysis on energy and water data, from smart meter data to real-time high-resolution energy monitoring data. Lowfoot's platform is proven to reduce operating costs, lower GHG emissions, and enables proactive engagement and intelligent communication between our clients and their customers. The company's fully hosted, turn-key data services provide a comprehensive vision of energy data for all stakeholders, from the frontline engineers, to the sustainability team, to the CEO.
Number of Employees	5-25
City, Province	Toronto, Ontario

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Company name	mPowered Technology Solutions Inc.
Website	www.mpowered.io
Representatives	Joel Sotomayor, Founder & CEO, jsotomayor@mpowered.io , https://www.linkedin.com/in/joel-sotomayor/
Focus Areas	Circular solutions Energy storage methods IoT networks Integrated sensors and remote monitoring Mobile services and apps for residents Renewable energy sources Smart grid management Urban infrastructure management Military applications Cybersecurity applications
Company Profile	<p>This mission participant is a consortium of 3 advanced technology companies (Brilliant Matters, Acquire Industries, and mPowered Technology Solutions Inc.) to provide Flexible Microgrid Systems (FMS) using Organic Photovoltaics while securing the flexible grid using mPowered's patented security infrastructure.</p> <p>The flexible microgrid system is specifically designed to provide ephemeral microgrid that can be used in war torn areas or in areas where there is need to create a temporary microgrid.</p>
Number of Employees	5-25
City, Province	Montréal, Quebec

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Company name	RDA Technologies Inc.
Website	www.rda-tech.com
Representatives	Jan Gładki, Director, jan.gladki@rda-tech.com , www.linkedin.com/in/jan-g%C5%82adki-0a9608223/ Anneke Santilli, Marketing, anneke.santilli@rdaatlantic.com , www.linkedin.com/in/annekesantilli/
Focus Areas	Circular solutions Renewable energy sources Smart waste management
Company Profile	<p>Inspired to create quality biochar as the primary byproduct, an installation of the G2-Next Gen reactor can transform a once-linear method into a circular process by way of a few unique features:</p> <p>G2 units are available in 100 kg/hr. and 330 kg/hr. biochar output sizes, offering an intake/outtake appropriate for its location. With advanced controls, each site can tailor their biochar production to their biomass feedstock: Dwell time and temperature will affect the qualities of the biochar product, making it specific for its intended application. The G2 can also pyrolyze a range of feedstocks, which creates a larger upcycling potential. Additionally, the exothermic design produces energy availability for adjacent facilities and or feeding into the local energy grid.</p> <p>The aim of the G2 design and installation is to create a beneficial and symbiotic partnership with complementary industries and host communities. Making sustainable and innovative green options for waste management more accessible while producing a value-added product from once low-value streams. This creates circularity at the municipal and local levels and emphasizes decision-making from community partners.</p>
Number of Employees	5-25
City, Province	Halifax, Nova Scotia

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Company name	Teldio
Website	www.teldio.com
Representatives	Peter Kuciak, CEO, pkuciak@teldio.com , https://www.linkedin.com/in/peterk/
Focus Areas	Building automation Data visualisation and AI IoT networks Integrated sensors and remote monitoring Urban infrastructure management
Company Profile	<p>Teldio provides software solutions extending wireless radio and video surveillance networks - providing indoor and outdoor location, messaging, alarming and monitoring of critical assets.</p> <p>Modern cities require constant real-time monitoring, surveillance and operational efficiencies to deal with ever changing challenges. Teldio connects city, enterprise and corporations wireless radio networks and video surveillance networks to deliver more valuable use cases, more automated use cases, real-time visibility for situational awareness - all with a goal to increase safety, security and operational efficiency of our customer environments. Teldio deploys with Motorola Solutions core networks.</p>
Number of Employees	25-99
City, Province	Ottawa, Ontario

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Company name	Viion Systems Inc.
Website	https://www.viionsystems.com/
Representatives	Antonio Oquendo, Global Business Development Director, aoquendo@viionsystems.com , https://www.linkedin.com/in/antoniooquendo/
Focus Areas	Data visualisation and AI analytics IoT networks Integrated sensors and remote monitoring Smart city advisory services Urban infrastructure management Urban transport management systems
Company Profile	<p>Viion's combined hardware and software offerings, coupled with expert training and responsive support form a unified foundation that empowers the local team to uphold the highest standards in traffic management. This holistic approach gives the company's customers an unparalleled advantage to deliver efficient systems that ensure safety, with the ultimate goal of reducing traffic accidents, fatalities and injuries.</p> <p>Viion Systems Inc.'s activities align closely with sustainable development objectives for cities by enhancing traffic efficiency, improving road safety, promoting energy efficiency, supporting smart city infrastructure, reducing environmental impact, and fostering economic sustainability. Through its advanced technologies and innovative solutions, Viion is committed to creating safer, more efficient, and sustainable urban environments worldwide.</p>
Number of Employees	5-25
City, Province	Victoria, British Columbia

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Company name	Canadian Polish Business Association
Website	www.cpbaonline.ca
Representatives	Eric Szustak https://www.linkedin.com/in/eric-szustak-2836287/ Michael Kwadrans https://www.linkedin.com/in/michael-k-71992814/ Michelle (Mackiewicz) Hohn https://www.linkedin.com/in/michelle-mackiewicz-hohn-ma-cdi-d-b0a56013/
Focus Areas	Not applicable – CPBA is an industry-agnostic business association
Company Profile	<p>The CPBA is a non-profit organization that was established to promote and facilitate trade, investment and cultural exchange between Canada and Poland. We support Canadian Companies who are looking to connect with the Polish market. We have worked towards achieving our vision by fostering business relations, economic, and social development between our two nations since 2018. The primary objective of our <i>Doing Business in Canada Committee</i> is to support and assist business expansion and development requests from companies in Poland (and sometimes beyond); connecting individuals and businesses interested in market opportunities in Canada.</p>
Number of Employees	-
City, Province	Mississauga, ON Vancouver, BC

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Selected other Canadian companies offering smart and sustainable cities solutions

SMART BUILDINGS

- › 3CIS
- › Aerial Wifi Analytics
- › Blue Line Innovations
- › Butterfly Energy Systems
- › CircuitMeter
- › CoolEdge
- › Delta Controls
- › DimOnOff
- › Distech Controls
- › Ecobee
- › Ecologix
- › Enbala
- › Encycle
- › ESC Automation
- › Green Power Labs
- › GSKy
- › InnerSpace
- › Intellimeter
- › Kontrol Energy Corp
- › LiteZone Glass
- › MappedIn
- › Mircom
- › Optigo Networks
- › OTI Lumionics
- › Rainforest Automation
- › Reliable Controls
- › Relogix
- › Morgan Solar
- › Nanoleaf
- › Sensible Building Science
- › Simptek
- › Sunwell

- › ThoughtWire
- › Transoft Solutions
- › Ubiquity Solar
- › Urban Strategies
- › VSETA

SMART DATA

- › D-Wave
- › Hanatech
- › GeoSim Cities
- › Latitude Geographics
- › Lightship
- › MDA Corporation
- › T4G
- › ThinkOn
- › Zu.com

SMART ENERGY SYSTEMS

- › 5G Energy
- › Alpha Technologies
- › Awesense Wireless
- › BC Hydro
- › BluWave-ai
- › Canadian Solar
- › Clear Blue Technologies
- › Clir Renewables
- › Corinex Communications
- › eCamion
- › Eguana Technologies
- › Electrovaaya
- › Etalim
- › GAN Systems
- › Hydrogenics

- › Hydrostor
- › Legend Power
- › Midgard Consulting
- › NeoThermal Energy Storage
- › Opus One Solutions
- › Peak Power
- › PowerTech Labs
- › Sea Breeze Power
- › Solantro Semiconductor
- › Spark Microsystems
- › Spark Power
- › Zinc8 Energy Solutions

SMART INFRASTRUCTURE

- › Hatch
- › SNC Lavalin
- › WSP
- › Stantec

SMART MOBILITY/TRANSPORTATION

- › Ballard Power Solutions
- › BlackBerry QNX
- › Bombardier Transportation
- › Carmanah Technologies
- › Corvus Energy
- › Cryologistics
- › Delta Q Technologies
- › Effenco
- › Enermotion
- › GBatteries
- › Green Light Innovation

- › GreenPower Motor Company
- › HTEC, International Road Dynamics
- › J.J. MacKay Canada
- › LED Roadway Lighting
- › Loop Energy
- › Miovision
- › Netlift
- › New Flyer Industries
- › RoadLaunch
- › SMATS Traffic Solutions
- › TM4
- › Transoft Solutions
- › Trapeze Group
- › VIIION Systems
- › Voltsafe

SMART NETWORKS

- › Eleven-x
- › F6 Networks
- › Kepler Communications
- › Ranovus

SMART SOCIAL/CITIZEN SERVICES

- › Acerta
- › Aware360
- › Blue Spurs
- › Bulletproof
- › Clevest
- › Ecomm 911
- › Figure 1
- › Imex Systems
- › Laipac

- › MindBridge
- › SeamlessMD
- › Sightline Innovations
- › SMART Technologies
- › UrbanLogiq

SMART UTILITIES

- › Alectra utilities
- › Axine Water Technologies
- › BI Pure Water
- › Clearford Water Systems
- › Corix
- › Echologics
- › Eddy Solutions
- › Enerkem
- › Eramosa Engineering
- › Greenlane Biogas
- › IPAC Chemicals
- › Li-Cycle
- › Northland Utilities
- › Ocion Water Sciences
- › Ostara
- › Pyrowave
- › QMC
- › Quadrogen Power Systems
- › Saltworks
- › Sustane Technologies
- › Terragon Environmental Technologies
- › Triacta Power
- › Waste Robotics