Building Better Communities

At Associated Engineering, we are passionate about building better communities. An employee-owned, Canadian company, Associated Engineering has worked with our clients in the public and private sectors for more than 70 years. We offer a full service, integrated team. Our wide range of expertise includes planning, engineering, environmental science and management, landscape architecture, asset management, communications, and facilitation. Our multi-discipline team has local and global experience ranging from studies and assessments to the design of major infrastructure projects.

Uncompromising service is the prime ingredient of our success. We listen to our clients, understand their goals and vision, and work collaboratively with clients and stakeholders to develop solutions that minimize social and environmental impacts, and address risks. Our holistic approach considers climate change impacts to create solutions that are sustainable and resilient.
Water

Associated provides a full spectrum of water management services. Our expertise includes water resources, hydrology, hydrogeology, hydraulics, watershed management, water quality, water treatment, wastewater treatment, and water resource recovery. We work with our clients to develop sound water management plans that consider growth and climate change. Our environmental scientists and engineers are known for their ability to characterize water quality, and develop appropriate treatment processes that efficiently meet stringent standards for water and wastewater treatment. We evaluate opportunities for water resource recovery, including water, biosolids, and energy use. Our success comes from the expertise of our process engineers, scientists, and multi-discipline teams, who are recognized as leaders, and known for their technical excellence. Our award winning solutions include the Water Reuse Facility at the Gold Bar Wastewater Treatment Plant in Edmonton, winner of the Schreyer Award, Canada’s highest honour for consulting engineers.
Transportation

We provide consulting services for transportation systems that connect people across Canada and around the world. Our expertise includes pedestrian trails, cycle paths, roads, highways, bridges, transit systems, airports, container ports, intermodal facilities, and intelligent transportation systems. We offer a complete range of services, including planning, public consultation, environmental assessment, regulatory advice, permitting, design, construction, environmental monitoring, inspection, assessments, rehabilitation, and asset management. We consider Complete Streets and climate change impacts and adaptation measures to develop safe, functional, sustainable, and resilient transportation networks. Our experience includes traditional and alternative modes of project delivery. This experience allows us to work with clients to determine the most suitable delivery method to expedite projects while managing and mitigating risks.
Infrastructure

Infrastructure development has been a cornerstone of our business for 70 years. We provide a wide range of services, including land use and community planning, master planning, assessment, environmental planning and assessment, landscape architecture, engineering, and construction management. Our expertise includes roads, streetscapes, bridges, water supply and distribution, wastewater collection systems, stormwater management systems, and solid waste management. Our projects include municipal infrastructure, parks and recreation facilities, and residential, commercial, industrial, and institutional developments. We help our clients develop and implement policies, plans, and strategies, as well as infrastructure solutions. Our approach is to work collaboratively with our clients to understand their unique needs and challenges, and apply proven and innovative technologies to develop sustainable and resilient solutions that support community growth and prosperity. Recognized as leaders in infrastructure development, our team received the Schreyer Award for our design of the West Edmonton Sanitary Sewer Stage W12 Syphon.
Environmental

We offer a wide range of environmental science and management services, including environmental assessments, permitting, and project planning; monitoring the effects of industrial processes; and reclaiming and remediating industrial sites. We design and implement monitoring programs and networks, including developing data collection and reporting software, modelling physical and biological processes, and providing expert technical and policy advice.

We are committed to sustainability, and take our responsibility to our clients and the environment seriously. On every project, we work to minimize environmental impacts while achieving successful projects for our clients. With Associated, you can count on proven approaches, streamlined regulatory approvals, and innovative solutions for efficient project delivery.
Buildings

Our approach to building design focuses on sustainability and resilience. We consider form, function, performance, comfort, and life-cycle costs, as well as integration of the facility with the community and natural environment. Well-designed buildings are not only user and operator-friendly, but also part of the community and environment. Associated Engineering employs a collaborative approach to design, considering client and community needs, and integrating input from stakeholders and the multi-discipline design team. We offer a complete range of services for building design, including building and space planning; structural, seismic, civil, mechanical, and electrical engineering; landscape architecture; energy modeling; life-cycle assessments; and building envelope assessments. We have expertise from many public and private sector projects across many sectors, and create distinctive and lasting structures that are a legacy to their communities.
Energy

Associated has expertise in a wide variety of energy fields. Our experience includes hydroelectricity, hydraulic energy recovery, bio-energy, heat recovery, district energy, geoexchange heating and cooling, and solar energy. Our team is a recognized leader in water and wastewater pumping systems, specializing in strategies that improve energy efficiency, and use alternative and renewable energy technologies, such as hydraulic energy recovery. We have led complex projects in the production and use of biogas, biosolids, and green fuels in the agricultural and water resource recovery fields. We work with our clients to understand their unique challenges and needs, and develop sustainable solutions for the facility or community that considers environmental, social, and economic impacts. By integrating sustainable design principles, we provide services to improve overall building and community energy systems that reduce energy costs and greenhouse gas emissions.
Asset Management

Associated offers strategic asset management services to public and private sector clients. We draw upon our multi-discipline team to consider all phases of an asset’s life-cycle, from planning and feasibility studies to design, construction, operation, maintenance, and de-commissioning. Our experience in strategic planning, capital investment, operations, maintenance, risk management, facilitation, and decision-making supports our clients' capital investment and maintenance planning. Complementing our asset management expertise, our specialists in information management and geographic information systems can collate information to help clients make informed decisions. Combined with our experience in organizational and change management, we bring ideas and approaches for developing and implementing cost effective, practical, and transparent asset management plans to make the most of our clients' investments as well as existing and future assets.
Sustainable & Resilient Designs
Expertise:
Water
Energy
Buildings
Infrastructure
Environmental
Transportation
Asset Management

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