

Climate Resilience Capacity Building Program Pre-qualified Contractor List

Capacity building supports for Alberta municipalities and Indigenous communities

The Climate Resilience Capacity Building Program helps Alberta municipalities and Indigenous communities better understand, manage, and adjust to changing climatic conditions.

This Program offers three funding streams, each with specific objectives and participation criteria. The purpose of each stream is outlined below:

- **Planning Stream:** Funding will be provided to communities in Alberta for the assessment of climate risks and vulnerabilities, and the creation of a climate adaptation and resilience plan.
- **Strategies and Initiatives Stream:** Funding will be provided to communities in Alberta for research and assessment of the feasibility of adaptation measures in community plans and preparing actions for implementation.
- **Indigenous Climate Resilience Stream:** Funding will be provided to Indigenous communities in Alberta for projects that increase community capacity on climate resilience, recognizing the unique impacts, needs, and perspectives of Indigenous Peoples, including the use of Indigenous and/or Traditional Ecological Knowledge.

The Climate Resilience Capacity Building Program supports climate resilience activities directly controlled or influenced by a community. Topics or sectors may include but are not limited to water quality and quantity, assets and infrastructure, agriculture, forestry, economy, human health, food security, and knowledge transfer / capacity building.

Eligible costs for each program stream include contracted services performed by a qualified service provider.

If a community decides to solicit the services of a contractor, the Action Centre recommends that communities solicit quotes from 2 or more service providers. Contractors should work with the community to share information about their supports and services, and to define a scope of work that best supports the needs of the community.

Communities may use a pre-qualified contractor or select their own contractor.

The Action Centre recognizes that procuring services of a contractor can be time-consuming. The Action Centre conducted a request for qualification procurement process to identify pre-qualified contractors with the skills and experience to provide Program services. Communities that use a pre-qualified contractor may leverage this procurement process, expedite their application, and move quickly into project implementation.

Pre-qualified contractors are listed here in alphabetical order:

- AECOM Canada
- All One Sky Foundation in partnership with ClimateWest, Associated Engineering, ESSA Technologies
- ICLEI Canada
- Kerr Wood Leidal in partnership with Diamond Head Consulting, RDH Building Science
- Morrison Hershfield in partnership with Nodelcorp, Shared Value Solutions
- QUEST in partnership with the Centre for Indigenous Environmental Resources (CIER)
- Stantec
- Urban Systems
- WSP

This document contains one-page abstracts for each pre-qualified contractor. The abstracts include details on the primary contact, a description of supports offered, and the approach they would take with communities.

AECOM Canada Ltd.	
Primary Contact	Primary Contact Information
Randy Rudolph, Deputy Project Manager	randy.rudolph@aecom.com 403-254-3349 www.aecom.com
Description of supports offered	
<p>AECOM has over 15 years of experience in climate adaptation planning for Canadian communities and can draw on small-community planning expertise from around the world to apply best practices to help you understand your climate risks and ways to address them. As an example of our work, we developed the carbon abatement planning tool called Climate Action for Urban Sustainability (CURB), which supports cities' GHG emission abatement efforts. AECOM is also an active member of ICLEI Canada and North America and has supported numerous local governments in understanding unique climate change impacts and resilience options. We advance resilience, sustainability and ESG initiatives within our own operations, and in partnership with our clients, through our ESG strategy called <i>Sustainable Legacies</i>.</p> <p>We are members of the Canadian Council for Aboriginal Business (CCAB), Circle for Aboriginal Relations (CFAR), Northeastern Alberta Aboriginal Business Association (NAABA), and Canadian Advancement of Native Development Officers (CANDO). We offer these as evidence of our support to Indigenous communities to foster sustainable and meaningful socio-economic development.</p> <p>We are prequalified to support you, and here is how we can help:</p> <ol style="list-style-type: none"> 1. Help your community leaders understand the issue and create a team to work with our company. 2. Gather scientific and community knowledge of how the climate is predicted to change in your area 3. Establish a list of potential impacts and prioritize which aspects of this change might affect you most. 4. Identify risks and opportunities and costs, and the capacity of your community to address them. 5. Identify goals for your community action plan 6. Identify the policies need to achieve the goals, and gaps in your current plans 7. Support development of your implantation plan <p>Our team will be led by Calgary based project managers, supported by our Indigenous Relations team in Edmonton and Climate Change specialists throughout Canada. We can support detailed planning, as we did for the city of Calgary when they took part in the 100 Resilient Cities initiative, or we can support initial information gathering and planning to meet your needs.</p>	
Specific processes	
<p>We will customize our service to best fit your community – pricing, timelines, and deliverables. We will support your community from start to finish, offering 9-12 months working together with you for the development and delivery of a Climate Change Action Plan. To support climate adaptation planning, we follow these standards:</p> <ul style="list-style-type: none"> • ISO 31000 for risk management assessment • Infrastructure Canada's Climate Lens Assessment • Engineers Canada's Public Infrastructure Engineering Vulnerability Committee (PIEVC) Protocol <p>We can augment adaptation planning with GHG emission reduction support, and we follow ISO 14064 protocols for emission estimation, inventory, and verification. AECOM follows structured approaches based on ISO 9001 protocols to ensure our plans meet quality standards and are well managed to serve your community.</p>	

All One Sky Foundation + Partners

Primary Contact	Primary Contact Information
<p>Jeff Zukiwsky Director, Climate Adaptation and Resilience</p>	<p>jeff@allonesky.ca 778-519-7699 allonesky.ca</p>
Description of supports offered	
<p>All One Sky Foundation and our partners ClimateWest, Associated Engineering and ESSA Technologies are pleased to offer your community a team of nationally recognized experts with decades of experience developing tailor-made climate adaptation strategies for communities of varying sizes, capacities and needs. In the last 10 years we have supported over 40 communities across Canada, including 22 in Alberta, to assess their climate change and develop cost-effective, actionable strategies to address these risks, as well as seize opportunities that arise.</p> <p>We recently partnered with the Municipal Climate Change Action Centre to update our climate adaptation planning guidebook (Climate Resilience Express) for Alberta communities. We previously used the Climate Resilience Express process to work with 14 Alberta communities, ranging in size from the City of Spruce Grove to the Town of Bruderheim, to develop custom Climate Resilience Action Plans. Our Alberta experience also includes developing more detailed climate resilience strategies with the City of Leduc and the Town of Canmore, supporting the development of Edmonton’s Climate Adaptation Strategy and Action Plan, and assessing climate change risks to assets and infrastructure for the City of Lethbridge. We also developed the award-winning City of Selkirk Climate Change Adaptation Strategy.</p> <p>We understand that there is no one-size-fits all approach to climate adaptation planning—each community is unique. We offer a wide range (a menu) of climate adaptation planning and decision supports and can work with you to tailor these to your community’s needs. We offer: a LITE approach for smaller communities that places minimal demands on staff and can be completed rapidly; an EXPRESS approach that uses a proven one-day workshop with staff as the basis for the adaptation plan (e.g., the Climate Resilience Express); and an EXTENDED approach involving more intensive input from community members and stakeholders over a longer timeframe, and assesses risks and adaptation actions in greater detail (e.g., Town of Canmore and the City of Selkirk). Depending on your needs, we can offer climate risk modelling and mapping as well as the quantification of risks and opportunities for your community, including economic impacts.</p> <p>Each approach is scalable from asset-level to organizational or community-wide plans. Our team’s capabilities also extend to helping you ensure your climate adaptation strategy is just and equitable, by integrating consideration of inequity, inequality and disparity across all stages of the planning process.</p> <p>Our work with the Edmonton Climate Adaptation Collaborative has also taught us that there are many benefits from communities working together at a regional scale to manage climate risks and opportunities. We can work with you to determine if collaboration is in your best interests, then to define your shared needs and develop a tailored joint solution from our menu of offerings that meets those needs.</p> <p>All of our tailored solutions are grounded in international best practices for risk and vulnerability assessment and climate adaptation planning, including the newly released ISO 14092 Guidance on climate adaptation planning for local governments and communities.</p>	

ICLEI Canada	
Primary Contact	Primary Contact Information
Ewa Jackson Managing Director, ICLEI Canada	ewa.jackson@iclei.org // 647-728-4387 www.icleicanada.org
Description of supports offered	
<p>ICLEI Canada has become a leader and respected authority across Canada – and internationally – in the field of adaptation. With our Building Adaptive & Resilient Communities (BARC) suite of solutions, we help communities by providing an array of tools, programs and resources to increase their capacity to respond to a changing climate in an interactive and accessible way. Our BARC work ranges from facilitated-interactive workshops, to applied research projects, to full program support, to direct consulting projects. This suite of solutions is helping to support individual community climate resilience building as well as the advancement of resilience across the country. The depth and breadth of our experience can be explored at www.icleicanada.org/adaptation.</p> <p>We can support municipalities across Alberta in all three areas of focus:</p> <ul style="list-style-type: none"> • To advance understanding of the risks associated with climate change, • To develop and assess adaptation options that will improve community resilience, and • To prepare plans for implementation of options to adapt to a changing climate. <p>We can work one-on-one with a municipality, or with groupings of municipalities formed around geography, climate impacts of interest, governance structures, etc. We will collaborate with your community to help explore your needs and jointly develop a scope of work or respond through a traditional procurement process.</p>	
Specific processes	
<p>Planning for a changing climate at the local level and implementing adaptation initiatives is challenging for most municipalities, and in particular smaller and rural municipalities that often lack the resources and capacity to take on additional efforts related to assessing impacts, developing plans, and implementing actions to reduce risk. Our work will aim to engage and work with these types of municipalities and their local partners (business leaders, not-for-profit, conservation authorities etc.) across Alberta, by building local capacity to understand climate science, identify climate impacts, assess climate risks, and develop implementation-ready adaptation plans that represent what matters locally. At the same time, we will integrate analysis of equity and how to protect the most vulnerable populations from facing disproportionate climate impacts.</p> <p>Our services and the methods, we will use to deliver them, will help participating municipalities advance their understanding of the local risks associated with climate change, develop and assess adaptation options that will improve their community resilience, and ultimately to prepare plans that can be implemented and help adapt to a changing climate. Municipalities and communities are at different stages of preparing for a changing climate. For this reason, we categorize our offerings into three stages:</p> <p>Identification. This involves understanding any work done to date that is preparing for a changing climate, identifying who should be involved locally (as either a partner or stakeholder), establishing local objectives and workplans, and taking a first look at the impacts of weather that are already being experienced.</p> <p>Applying climate science. Understanding how to use and apply climate data/information from various sources, identifying local climate impacts and assessing the community’s vulnerability and risk to these.</p> <p>Planning. Using the vulnerability and risk assessments to create a local climate adaptation plan to address the identified risks (with a particular focus on implementation and monitoring metrics). We will focus on identifying all of the necessary implementation considerations, to leave participating municipalities ready to fully advance on implementation.</p>	

KERR WOOD LEIDAL ASSOCIATES LTD.

Primary Contact	Primary Contact Information
Dirk Scharbatke, P. Eng. Project Manager	dscharbatke@kwl.ca // 587-349-8299 www.kwl.ca
Description of supports offered	
<p>Kerr Wood Leidal (KWL) has assembled a multi-disciplinary team of climate change planners and industry-leading technical experts who specialize in managing the most severe climate hazards faced by Alberta communities: flood, extreme weather (e.g., stormwater, hail and windstorms), drought, and wildfire. Together with our team of sub-consultants Diamond Head Consulting and RDH Building Science we hold the skills necessary to deliver a full suite of climate change capacity-building services to Alberta municipalities and Indigenous communities.</p> <p>We have used our tried-and-true four stage climate planning and capacity-building approach successfully with municipalities and Indigenous communities across BC, including the Tsleil-Waututh Nation Climate Vulnerability Assessment and Resilience Plan, the North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy, and the Toquaht Nation Climate Adaptation Plan.</p> <p>KWL is an industry leader in flood and drought management and a trusted advisor for communities across Western Canada. We have over 40 years of experience working with small, rural, and Indigenous communities and we understand the barriers many communities face in leading climate action (including resourcing, competing near-term priorities and lack of local downscaled climate data for use in planning). We are flood, stormwater, and water supply management experts and provide consulting services broadly in climate adaptation planning, water resources engineering, community infrastructure planning and design, renewable energy, resource and environmental management, habitat restoration, land use planning, and project management. Our clients include small and medium-sized local governments, Indigenous communities, provincial and federal agencies, not-for-profit organizations, and industry. Our partner Diamond Head brings wildfire risk management, forestry planning and urban ecosystems management expertise to our team. RDH Building Science offers climate change mitigation and adaptation planning for building management and renewal, considering carbon emissions, energy performance, extreme weather and wildfire resilience.</p>	
Specific processes	
<p>Working with Municipalities & Indigenous Communities: KWL has over 40 years of experience working with municipalities and Indigenous communities across Western Canada. We are a trusted advisor and have been working with some communities for over 40 years.</p> <p>Climate Adaptation Capacity-Building: Building local capacity is a key objective in our climate planning practice. Wherever possible, we work to support local staff to lead technical tasks in the planning process.</p> <p>Climate Risk & Vulnerability Assessment: Our vulnerability and risk assessment approaches are founded on the ISO 31000 standard and uses a semi-qualitative, workshop-based approach to drive data-informed decision-making. Our team includes certified risk assessment specialists experienced with federal climate lens assessments, probabilistic flood and wildfire risk modelling, benefit-cost analysis, and multi-criteria decision-making models.</p> <p>Climate Adaptation & Resiliency Planning: Our team takes a value-based approach to climate planning: we work closely with each community to ensure their climate plan is scoped to the climate hazards and impacts most relevant in their local context.</p> <p>Workshops, Guidelines & Toolkits: Our team has extensive experience designing and delivering interactive workshops about climate change resilience. We also excel in leading community engagement that is meaningful, encourages input from diverse voices, and builds community buy-in to planning outcomes.</p>	

Morrison Hershfield Limited / Nodelcorp Consulting / Shared Value Solutions

Primary Contact	Primary Contact Information
<p>Chad Newton Senior Project Manager, MBA, PMP, Principal</p>	<p>CNewton@morrisonhershfield.com 780-483-5200 ext.1042229 / 780-909-2423 https://morrisonhershfield.com/climate-change-mitigation/</p>
Description of supports offered	
<p>As a prequalified contractor, Morrison Hershfield can support municipalities and Indigenous communities across Alberta in the Climate Resilience Capacity Building Program (CRCBP). MH has worked with over 140 municipalities in Alberta and many Canadian First Nations and Indigenous Groups. The team recognizes the importance of integrating climate science and knowledge and local community and Indigenous Knowledge (as applicable and shared) in support of decision making. MH has partnered with Nodelcorp Consulting Inc. (NCI) and Shared Value Solutions (SVS) to provide a full range of climate mitigation, adaptation, and resiliency planning, community engagement and training services for the CRCBP. NCI have worked with businesses, municipal, provincial, and federal governments for almost 30 years to help in reducing the impacts of climate change. SVS specializes in building long-term relationships with Indigenous clients with a focus on land use studies, traditional ecological knowledge and socio-economic impact studies.</p> <p>MH, NCI and SVS understand that there are no “one size fits all” engagement and climate resilience solutions, and we will work your community to develop a project-specific scope and schedule. MH, NCI and SVS will work in collaboration with your community to accomplish your unique goals and have created a 12–18-week typical project work plan to include the following “full-package” climate resilience components for an individual community:</p> <ol style="list-style-type: none"> (1) enhance climate literacy (2) complete climate-risk assessments and (3) create climate adaptation plans <p>Morrison Hershfield is a market-leading, Canada-based multidisciplinary engineering and environmental consulting firm committed to supporting the social well-being and economic prosperity of the communities we serve. MH works in collaboration with our clients to find solutions best suited to their needs.</p>	
Specific processes	
<p>MH, NCI, and SVS will customize our services and project team to best fit your community needs – pricing, timelines, and deliverables will be approached collaboratively. We will provide experienced project management to make sure the project performs as required in a timely manner using a project management framework.</p> <p>To support climate resilience planning, we also have expertise in:</p> <ul style="list-style-type: none"> • ISO 31000 for risk management assessment • Infrastructure Canada’s Climate Lens Assessment • Engineers Canada's Public Infrastructure Engineering Vulnerability Committee (PIEVC) Protocol • Project Sustainability – LEED and Envision Frameworks • Incorporation of Community and Traditional Indigenous Knowledge (TIK) <p>Where community partners request the services of MH the anticipated timeline will be extended by an additional 2 weeks per community included in the partnership project. Communities in partnerships can expect cost savings. <i>Given the current Covid-19 global pandemic, MH recognizes the importance of utilizing online and virtual training and engagement formats. MH is experienced and flexible in our approach to a virtual delivery platform.</i></p>	

QUEST	
Primary Contact	Primary Contact Information
Eric Timmins, Senior Lead, Projects	etimmins@questcanada.org 866-494-2770 ext.712 https://questcanada.org
Description of supports offered	
<p>QUEST, in partnership with the Centre for Indigenous Environmental Resources (CIER), will work with municipalities and indigenous communities to develop robust climate adaptation plans that identify and manage climate-related risks. Conducted through a local, community-focused approach, we will provide administrative support, comprehensive coaching, and custom resources to Municipal or Community Leads as part of our services. Supports offered also include:</p> <ol style="list-style-type: none"> 1. A Climate Risk & Resilience Assessment Report - a rigorous assessment of municipal strengths and vulnerabilities in the face of climate change 2. A Climate Adaptation Recommendations Report - an action plan outlining realistic pathways to improve resilience and track progress 3. Community Resilience Infographic(s) & Key Messaging and Next Steps document - impactful materials to share key project takeaways with stakeholders and community members <p>Communities participating with us will have the right skills, tools, and information to make informed decisions to build safer and more resilient communities. Our team has successfully completed community resilience assessments in 7 Alberta municipalities by developing local capacity, building active partnerships amongst stakeholders and leading resilience improvements on the ground. As a national non-profit organization, QUEST is committed to supporting communities interested in understanding their risk to climate change impacts and identifying realistic pathways.</p>	
Specific processes	
<p>Through this project, our team of qualified resilience professionals will help Alberta communities increase their resilience against the impacts of climate change and extreme weather by aligning asset management and planning processes. Our process is highly customizable to the local context and will occur over an 8-to-12-month period, depending on your Community's capacity. Our team combines established climate data portals, well-established resilience frameworks, community surveys and highly interactive participatory workshops to achieve these goals. Our focus is on building your local capacity to understand the climate resilience assessment process and give you publicly available tools that allow you to update your climate adaptation plan in the future.</p>	

Stantec Consulting Ltd.	
Primary Contact	Primary Contact Information
Tanya Doran LEED Green Associate, Fitwel Ambassador Principal, Carbon Lead Western Canada	Tanya.Doran@stantec.com // 780 917-1885 Sustainability (stantec.com)
Description of supports offered	
<p>Hi we're Stantec. We are here to help you with adaptation supports and services including:</p> <ul style="list-style-type: none"> • Climate Adaptation Capacity-Building • Climate Risk and Vulnerability Assessments • Climate Adaptation and Resiliency Planning • Workshop Design and Delivery, Development of Guidance Documents and Toolkits for Communities <p>We have in-house resources and specialists to adapt and respond to community issues and needs - whether that be broad adaptation plans for the community, flood hazard management, risk assessments for particular asset classes, education / awareness for elected officials or the public, and more.</p> <p>Our service areas include, environmental and atmospheric sciences, community adaption and mitigation planning, sustainability and resiliency, Indigenous engagement, facilitation services, education, and capacity building. We have a full services team to support today's climate realities and our collective future. Our expertise and understanding of municipal infrastructure and portfolios can be engaged to support our services.</p> <p>We understand Indigenous communities have challenges of funding, population size, lack of capacity, and competing priorities that often mean that planning initiatives take a back seat to service delivery. Our team will work with clients to engage Indigenous communities appropriately and meaningfully. We are grateful when people are willing to contribute their thoughts and experience because it helps to build a Plan that reflects the community and their values.</p> <p>Our sample experience: City of Cambridge Adaptation Plan 2019 Climate Change Impacts on Water and Wastewater Infrastructure at Akwesasne - Final Report Climate Change Impacts on Water and Wastewater Infrastructure at Moose Factory - Final Report</p> <p>We are active in developing climate adaptation plans across Canada, guiding municipalities and post-secondary institutions through a planning process that integrates with their design guidelines and policy framework. We are currently working with the City of Ottawa and the National Capital Commission (NCC) on their climate change vulnerability and risk assessments and adaptation plans.</p>	
Specific processes	
<p>As a prequalified contractor the Stantec climate adaptation team is well equipped to provide guidance on climate resilience as it fits within the local government context. We have conducted climate vulnerability and risk assessments and adaptation plans using the ICLEI BARC (Building Adaptive and Resilient Communities) protocol, and we have completed dozens of Climate Lens assessments and provided specific recommendations across various infrastructure types based on the Institute of Catastrophic Loss Public Infrastructure Engineering Vulnerability Committee's (PIEVC) Protocol and ISO (International Standards Organization) 31000 Risk Management Standard. For Indigenous communities, our adaptation planning methodology is also consistent with the 'Climate Change Planning Tools for First Nation' (2006).</p> <p>It requires 10-12 months for a community to develop a robust adaptation plan. There is no 'one-size fits all' approach for communities to anticipate, plan or adapt to climate change. Each community has unique asset portfolios that must be considered. Additionally, each community may require a different level of support, guidance and learning tools and scope when developing a plan. We offer flexibility in our approach and customize it according to the local community objectives and context.</p>	

Urban Systems	
Primary Contact	Primary Contact Information
Meghan Aebig, Principal, P. Eng. Community Consultant	maebig@urbansystems.ca 780-670-4229 www.urbansystems.ca
Description of supports offered	
<p>Urban Systems is a professional community consulting firm committed to supporting vibrant communities. Since we were founded in 1975, we've worked alongside municipalities, governments, Indigenous communities, agencies, and private sector clients to develop safe and sustainable communities, transportation networks, green spaces, water systems, and clean energy sources. The company started with a focus on assisting communities with their physical infrastructure and has adapted with the communities we work with to include a social impact aspect through the creation of Urban Matters.</p> <p>Through Urban Matters, we've developed the "three C approach" (convene, consult, create) as a way of addressing complex problems, such as climate change.</p> <p>Our team consists of specialists in Asset Management, Climate Resilience, Climate Vulnerability Infrastructure Assessments, Strategic Design Creation & Facilitation, Emergency Planning, Community Sustainability, Communications & Engagement and more. Our core team members are locals—they all live, work, and play right here in Alberta and can be at your office to provide in-person support when needed. We're also able to access our breadth of company-wide practitioners across our 15 offices in Western Canada and engage them as needed in conducting virtual municipal workshops, meetings, and council sessions.</p> <p>As a relationship-based firm, we focus on working with clients rather than for them, which allows us to develop and maintain long-standing partnerships with municipalities and Indigenous communities. Some of the communities that we have long standing relationships with and have supported with climate resilience plans include Smith's Landing First Nation, Kanaka Bar Indian Band, and Saddle Lake Cree Nation. We've also worked with many municipalities across the province on advancing their asset management journey and have included a climate change component to address the risks and impacts to service delivery associated with climate change.</p> <p>But enough about us—let's talk about you—are you experiencing more floods, fires or severe storms? Are you interested in incorporating a climate change lens into your asset management plans? Are there differing viewpoints within your organization and/or community regarding climate change? Are you concerned about the social impacts associated with climate change? Are you looking for an implementable plan that can be incorporated into the work you are already doing?</p> <p>There isn't a one size fits all approach when it comes to a Climate Resilience Plan—our team is excited to work alongside you to create a plan that provides the most thoughtful and thorough solutions for your community. We want to help empower you to participate in building resilience in your community for the future. Visit our site to view our work, our stories, and more.</p>	
Specific processes	
<p>Our approach includes the following key elements; however, the details of the approach will be determined based on consultation with the community and the nuances of the local context:</p> <ol style="list-style-type: none"> 1. Understanding the local context and primary concerns (regional approach) 2. Evaluate current and future climate change 3. Engage with the community to increase climate change awareness and document primary concerns 4. Conduct a vulnerability/risk assessment 5. Develop a Climate Change Adaptation Action Plan 6. Follow-up and support for implementation 	

WSP	
Primary Contact	Primary Contact Information
Elise Pare National Practice Lead, Climate Risk and Resilience, WSP Canada	elise.pare@wsp.com // +1 250-362-3387 Website (hyperlink)
Description of supports offered	
<p>WSP's Climate Change team delivers industry leading expertise in climate science, vulnerability and risk assessments, resilient infrastructure, and climate resilience strategies. We are a multi-disciplinary professional services firm with +9,800 technical experts from across Canada. We can leverage a range of expertise in transportation, engineering, asset management, GIS, economics, planning policy, and more with the transformational acquisition of Golder, a global consulting firm with over 60 years of experience in providing earth sciences and environmental consulting services.</p> <p>We can support communities through each stage of the resilience planning process:</p> <ul style="list-style-type: none"> • Climate science and projections: Our in-house climate science experts provide robust climate change projections specific to your geographic location. We identify the appropriate climate scenarios and indicators for your context, and translate complex climate data to inform risk assessments and adaptation actions. • Risk and vulnerability assessments: We offer customizable risk and vulnerability assessment frameworks to evaluate risks to your community's infrastructure, environment, economy, and community wellbeing. Our approach is collaborative, and incorporates local and Traditional Knowledge to prioritize risks to the community. We can also produce geospatial risk maps to identify 'hotspots' for climate risks across your community and infrastructure. • Resilience strategies and implementation plans: We combine diverse professional expertise with input from community stakeholders to identify realistic, cost-effective measures to reduce climate risks and build resilience. We create implementation-ready strategies by identifying action-specific drivers and constraints, cost-benefit analysis, policy, best management practices, and key performance indicators. <p>With offices throughout Alberta, our team has a history of successful partnerships with many communities, Indigenous-owned businesses and First Nation governments on a wide variety of projects. We have extensive experience in working with municipalities and First Nations in Western Canada to increase understanding of climate change impacts to community infrastructure, health and well-being, and to develop skills and knowledge to undertake risk assessments and prepare adaptation plans. The team has extensive experience in collaborating with First Nations, Métis and Inuit communities on complex problems and interdisciplinary environmental, socio-cultural, and economic impacts associated with natural resource development and climate change and conducting participatory research and focus group interviews, traditional land use mapping, and designing community-centered research programs. We work closely with our Indigenous Relations team who are experienced partnering with Indigenous clients to ensure that Traditional Knowledge is collected and respectfully applied to projects.</p>	
Specific processes	
<p>Our typical timeline to deliver a climate change risk and vulnerability assessment and community adaptation plan ranges from 6-12 months, dependent on the assessment scope. Our climate risk and vulnerability assessment framework are customized to the community's needs. We are skilled in the application of ISO Risk Management and Adaptation Standards (ISO31000,14090/91); the PIEVC Engineering Protocol, or community-wide risk assessments using approaches compliant with ICLEI's Building Adaptive and Resilient Communities process.</p>	



CONTACT THE MUNICIPAL CLIMATE CHANGE ACTION CENTRE

Questions about the Climate Resilience Capacity Building Program may be directed to:

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