OSGeo

FOSS4G 2020
CALGARY

**MEETINGS +
CONVENTIONS+
COLLABORATION**

WELCOME FROM THE CO-CHAIRS

November 23, 2018

Eli Adam
OSGeo Conference Committee

RE: Hosting FOSS4G 2020 in Canada's Geospatial Hub for Business

Dear Mr. Adam,

We are grateful for the opportunity to present OSGeo with this proposal to host the 2020 FOSS4G Conference in Calgary Alberta. The Calgary Local Organizing Committee (CLOC) has worked tirelessly to put forward the best possible proposal for a conference that will connect the international OSGeo community for learning, networking, and more.

We are confident that Calgary is the best choice to host a world-class FOSS4G, aligning with the OSGeo values, and inspiring local communities towards growing and sharing the benefits of open-source.

Calgary is a Geospatial City.

Calgary is a North American hub for geospatial science. There is considerable growth in the emerging sectors of unmanned and autonomous systems with companies developing and adopting best practices while coupling them with proven geospatial computing technologies. In sectors such as oil and gas, agriculture, construction, film and television, and logistics, there is a sense that these new technologies are revolutionizing some of our oldest industries.

Calgary is a Connected City.

Calgary is connected to local, national and international destinations through our city transportation infrastructure, provincial road networks, national and international highways and our large international airport. As Canada's 4th busiest airport, Calgary International offers direct connections to many international destinations. Once travelers arrive, there are options to get where they need to go! Public busses directly connect the airport to the downtown core at low rates, while UBER, taxi, and private car services are available for those interested.

Calgary is an Opportunity City.

Calgary is a city known for its energy! That energy provides chances to try new ideas and allows our entrepreneurs to thrive in an ever-changing business environment. This business culture has already proven its strength. In just 4 weeks, we have been able to secure $98,000 US in sponsorship without reaching out to prior sponsors of FOSS4G. With such a strong early sponsorship commitment, and being in Canada's only province with no sales tax, delegates will be able to stretch their travel dollars to the fullest!

Calgary is ready to host the FOSS4G 2020 Conference, and our community is prepared to support an initiative of this scale and reputation. We will bring our prior knowledge, present energy, and future opportunities together to host this world-class conference here in the shadows of the Rocky Mountains.

Sincerely,

Jonathan Neufeld
Co-Chair
FOSS4G 2020 Calgary

Brad Ashley
Co-Chair
FOSS4G 2020 Calgary

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I. HOSTING FOSS4G

I.I INTRODUCTION & VISION FOR OSGEO FOSS4G 2020

The Calgary Local Organizing Committee is pleased to present Calgary's proposal to host the OSGeo 2020 FOSS4G Conference. We are confident Calgary is your best choice to host a world-class FOSS4G Conference aligning with OSGeo values and inspiring local communities toward growing and sharing the benefits of open-source contributions.

Calgary is an urban business center surrounded on all sides by scenic Canadian vistas and ranked as the 4th most livable city in the world by the Economist Magazine. In the downtown alone, there are over 1,000 shops, 200 restaurants and eateries, and 50 nightclubs and pubs. There are also 18 major tourist attractions, and 23 annual festivals throughout the city. We are conveniently located 45 minutes from the majestic Rocky Mountains, giving our attendees plenty of pre and post opportunites.

Stretching from the oral geographical histories of our First Nations to modern settlement and through to our innovative and high-tech resource management and agriculture era, Calgary's rich geospatial past has furnished Calgary and the surrounding area with tremendous strength in geospatial skills and knowledge. Twenty-five percent of Canadian geomatics, navigation, and global positioning firms are headquartered in Alberta. The University of Calgary Geomatics Engineering Program has been recognized as a world best, second only to Hong Kong Polytechnic. A Public Sector Digest survey also ranked City of Calgary as "Canada's Most Mature GIS Program" in 2018.

OUR VISION:

The Calgary Local Organizing Committee (CLOC) will leverage the planning and execution of the FOSS4G 2020 conference as a catalyst to foster the democratization of opportunity that open-source represents for creators at every scale while highlighting the growing and successful use of open-source technologies by and for business.

I.II FINANCIAL SUCCESS

The financial success of the Calgary FOSS4G Conference in 2020 is reliant on the CLOC anticipating potential expenses, securing sufficient sponsorship and ensuring safeguards for unforeseen costs. With an extensive history of hosting and executing conferences for upwards of 500 people, the CLOC members are confident in their abilities to host a financially successful event.

Our Budget Committee has produced a budget that includes reduced registration costs, additional social programming and well-subsidized gala opportunities. This budget reflects a profit even with very conservative sponsorship estimates and factoring the low end of anticipated attendance.

See Budget Overview on for additional information and cost analysis.

I.III SOCIAL SUCCESS

Calgary will balance programmed speakers, content and workshops with appropriate downtime, social activities and the ability for informal networking. There is an abundance of pre function space outside of the exhibitions and plenary rooms that will allow for impromptu discussions and meetings. Our proposed venue, the Calgary TELUS Convention Centre is in the heart of downtown Calgary on Stephen Avenue walkway. Stephen Avenue is a major pedestrian mall known for many of Calgary's finest restaurants, café's pubs and bars. This environment fosters the ability for delegates to meet and engage with one another outside of the structured content driven programs. Our close working relationship with the city's convention and visitors bureau also allows the CLOC access to supplemental social programs such as pre and post tours, spousal programs and dine around options.

I.IV OPEN SOURCE EDUCATION & SOFTWARE PROMOTION

Calgary's renowned spirit of openness and ingenuity will serve to bring its geospatial and entrepreneurial strengths to bear. We will demonstrate the value of open source collaboration and the opportunites for open source contribution by businesses and individuals alike. We are offering a conference program focused on topics and applications most relevant to the open source and geospatial audience, with significant input and collaboration with our local communities, academic institutions and technology forward businesses.

Strong inclusion of local community meetups and academic institutions in our planning will afford us excellent perspective on learning needs for new entrants to open source endeavors and we will pursue conference content and workshops from teachers and learners at various levels and in a variety of areas.

The Calgary FOSS4G 2020 Conference will be an excellent opportunity to share value and depth of open source geospatial solutions. For many businesses centered in Alberta, which are intensely geospatial in nature, from energy and energy-service to agriculture and environmental and beyond, this conference is an occasion to present and deliver effective solutions from the open source community to a wide variety of sectors.

I.V INCLUSIVITY

As Calgary has become a global city attracting over 200,000 new-comers in 20 years with immigrants representing nearly one-third of our population, it has helped to weave inclusiveness through all our start-up, innovation, and commercialization efforts. This conference would honour that inclusiveness by working with government agencies, community colleges and other stakeholders to ensure the benefits of the lead-up, execution, and legacy of this successful conference are available to our entire population.

Driving home the advantage to business in supporting and sharing in the collaborative development of geospatial technologies will generate ongoing support for open and collaborative endeavors serving business here and abroad as well as the community at large. This openness will make gaining exposure, experience, and valuable training and mentorship in geospatial skills accessible to our entire community regardless of cultural or socio-economic factors.

A well-funded Travel Grant Programme will also allow us to make attending this conference in Calgary more accessible for individuals from lower income regions of the world. Please reference the budget section for information about confirmed Travel Grant funding.

The CLOC is in discussion with the Firelight Group and are looking to host the Indigenous Mapping Workshop at the same time as FOSS4G. Hosting both of these great events at the same time in the same city will help attendees at both events gain exposure to each others' communities. IMW attendees can leverage the knowledge and expertise that FOSS4G provides and FOSS4G attendees can discover new applications for open source software and tools.

Additionally, to further foster inclusivity, the CLOC is looking to plan a successful conference for not just delegates but their families as well. Spousal programs and kids camps are being developed to engage all attendees once they arrive in Calgary.

II. THE HOSTING LOCATION

II.I CITY OF CALGARY

WHY CALGARY

Why host FOSS4G 2020 in Calgary? In a word, energy. Calgary is Canada's energy centre. And that energy goes beyond our natural resources. Calgary is charged with opportunity and thrives on welcoming people from around the world.

And our city's most palpable energy is its people: young, diverse, educated, affluent and innovative. They're renowned for their Western hospitality and volunteer spirit.

Calgary is social, creative, innovative, global, collaborative and entrepreneurial. We're headquarters to about one in seven of Canada's major corporations—150 in all.

There is more to Calgary than work. We have one of the world's biggest backyards: the eastern slopes of the Rocky Mountains are just an hour away and home to four national parks: Banff, Yoho, Jasper and Kootenay.

The YYC Calgary International Airport is the third largest and busiest in Canada. The airport is recently completed a $2-billion dollar expansion that includes a new 300-room hotel, runway and International Facilities Terminal

CLIMATE

Summer months in Calgary are often warm and dry during the day and cool in the evening, due to the city's high altitude and close proximity to the Rocky Mountains.

Calgary is the sunniest major city in Canada – experiencing some 2,400 hours a year of sunlight. In turn, the Calgary area has radiant blue skies throughout the year.

Average Daily High Temperatures in Summer (June to August) is 22 C (68 F)

A PLACE TO MEET

The city has 13,000+ guestrooms and more than 1.3-million sq. ft. of meeting space.

AN ENVIRONMENTAL LEADER

Several Calgary hotels and venues are Green Key certified or approved by LEED and BOMA BEST.

For example, the Calgary TELUS Convention Centre (CTCC) has the Building Owners and Managers Association of Canada's (BOMA) BEST Level 3 certification. The Calgary International Airport is the first airport in Canada to be certified green by BOMA of Canada. The city's Light Rail Transit, or C-Train, is powered by wind-generated electricity, which makes it completely emission free – the only one of its kind in North America. Our C-Train is also the first transit system in North America to obtain ISO 14001, the environmental standard aims to minimize the services effects on the environment.

BEAUTIFUL AND ADVENTUROUS

Within Calgary's city limits are fantastic educational experiences and adventures, such as the TELUS Spark science and technology centre and dozens of parks including Nose Hill Park and Fish Creek Provincial Park. Spend the day golfing, take in a show jumping competition or rodeo, rejuvenate at a world-class spa, or take on the thrill of a lifetime as soar from the top of Canada Olympic Park's ski jump tower on the fastest zipline in North America.

A SEASONED HOST

We have more than a century of experience hosting international events, such as the Calgary Stampede, World Petroleum Congress, Inter-American Development Bank and Rotary International.

For 10 days every July, Calgarians and visitors saddle up to the Calgary Stampede. The Calgary Stampede is the focal point of western fun, with a parade, chuckwagon racing, midway entertainment, agricultural exhibitions and stock shows, the Stampede Casino and a spectacular Grandstand Show. The entire city of Calgary celebrates its western heritage and spirit with business attire exchanged for cowboy boots and blue jeans, free daily pancake breakfasts, dancing in the streets and office decor highlighting the Wild West.

TAX FRIENDLY

Alberta is Canada's only province without a provincial sales tax.

ACCESSIBILITY

Accessible public transportation in the City of Calgary is available on the entire fleet of buses and trains for people with different levels of mobility. CTrains and buses are equipped with ramps that can be lowered to make it easier for customers with mobility issues to board.

Low floor buses serve all of the 155 routes and all of the 45 CTrain stations are equipped with elevators, ramps, or are ground level accessible.

HIGH RANKING

In 2018, Calgary was ranked by The Economist Intelligence Unit as the fourth most livable city in the world and highest ranked city within Canada. Calgary has been sitting within the top five cities for the eighth straight year. The survey was based on 30 factors within five categories: stability, healthcare, culture/environment, education and infrastructure.

CALGARY OFFERS YOU MORE.

Nestled in the foothills within an hour of the Canadian Rocky Mountains, Calgary is a young, vibrant city of more than a million people. It is a recognized Canadian business hub, Canada's energy capital and the second largest head-office city in Canada. But Calgary is so much more than business. The city has been named the most active city in Canada, the smartest city in Canada, Canada's number one place to live and work, and the number one city in Canada for culture.

MORE OUTDOOR ACTIVITIES

Calgary abounds with adrenaline-filled excitement. Try North America's fastest Zipline or mountain biking at WinSport Canada. Pick up the pace or slow your stroll along Calgary's more than 800-kilometer pathway system, the most extensive network in North America. Or get out and enjoy the 10,000 hectares of public parkland within our city limits. Beyond the burgeoning city skyline, the Canadian Rocky Mountains beckon visitors with their majestic beauty and untapped wilderness. During the winter months, the mountains are a haven for ski, snowboard and snowshoe enthusiasts. In the summer – whitewater raft, hike, cycle and sightsee amidst one of the most pristine backdrops in the world.

MORE FLAVOURS

From historic and rustic to modern and contemporary, cool and casual to crisp, chic elegance, Calgary's more than 6,000 restaurants truly offer something for everyone. Home to Canada's third-largest concentration of ethnic cultures, authentic culinary traditions and diverse cuisine options are complemented by award-winning chefs and eateries. In addition to our world-renowned Alberta beef; locally grown ingredients, regionally inspired dishes and organic products all add to the essence of Calgary's reputable dining culture.

MORE FESTIVALS

More than 30 festivals take place in Calgary throughout the year, celebrating a broad range of topics. From the music-focused: folk, reggae, jazz, blues and indie; to the arts: performance and visual; to food and spirits: ethnic, specialty, wine and beer; and the city's multicultural heritage: Chinese, Caribbean, Greek, African and more – there's always a reason to celebrate in Calgary.

MORE TO SEE AND DO

SHOPPING

Shoppers can enjoy everything from grand shopping centres to quaint retail districts offering one-of-a-kind finds. From the most affordable to the most exquisite, it's all here. And because Alberta has no provincial sales tax – Calgary is an ideal destination for retail therapy!

NIGHTLIFE

When the sun goes down, Calgary nights come alive with possibilities. Enjoy a nightcap in a cozy pub corner, people-watch on a busy patio or learn to two-step at a western saloon. Dance the night away, listen to live music or catch up with old friends in one of the city's nightclubs, martini lounges or interactive sports bars. And if there's still time before morning, try your luck at one of Calgary's many casinos.

SPORTS

Calgary is home to a wide range of professional sports teams including the NHL's Calgary Flames, the Calgary Roughnecks Lacrosse Club and the CFL's Calgary Stampeders. In addition, the Calgary Hitmen of the Western Hockey League also call Calgary home. Whether touring facilities, attending international sporting events, taking in a professional sports game or enjoying recreational facilities, Calgary has all the angles covered for sport aficionados. Shoppers can enjoy everything from grand shopping centres to quaint retail districts offering one-of-a-kind finds. From the most affordable to the most exquisite, it's all here. And because Alberta has no provincial sales tax – Calgary is an ideal destination for retail therapy!

CALGARY MAJOR ATTRACTIONS

Calgary Tower

The Calgary Tower – home of the world's highest 360-degree observation deck – is now offering a complimentary award-winning multimedia tour every admission. Available in English, French, Mandarin, Korean, Japanese and German, the self-guided tour brings visitors on an exciting journey through Calgary's past and present. Gain a unique perspective on famous landmarks while enjoying sweeping panoramas of the city skyline and Canadian Rockies.

See more at *calgarytower.com*.

Studio Bell - National Music Centre

Studio Bell, the National Music Centre, opened a new 160,000 square-foot building in downtown Calgary's East Village on July 1, 2016. Studio Bell is home to the history of music in Canada, including the country's most impressive collection of musical instruments and sound equipment, the Canadian Music Hall of Fame, and the Canadian Country Music Hall of Fame Collection. It also includes event and performance spaces, recording studios, broadcast facilities, the Rolling Stones' mobile recording studio, and artist-in-residence programs, as well as Calgary's famed King Eddy Hotel.

See more at studiobell.ca.

TELUS Spark

TELUS Spark is a place for people of all ages and abilities to let go and embrace the desire to explore and discover science, technology and art in a way that their normal day-to-day life doesn't allow for. It's a place to experiment and to play, with freedom and without consequence and where you learn and discover for yourself what makes the world so undeniably incredible.

See more at *sparkscience.ca*.

Canada Olympic Park

Experience a double rush of speed on two action packed attractions. Zipline from the top of the 90M Olympic ski jump tower then follow that with the exhilarating white-knuckle ride with a professional driver down the legendary bobsleigh track on the Summer Bobsleigh. The 510 metre line is the longest and fastest zip in North America where you can fly up to 140 km/hr. The Summer Bobsleigh Ride gives you a taste of a real Olympic sport. The pilot does all the work while riders can experience up to 5G's of force and speeds of up to 90 km/hr.

See more at *winsport.ca*.

CALGARY'S BACKYARD

THE CANADIAN ROCKIES:

BANFF, LAKE LOUISE AND JASPER

Just over an hour west of Calgary, find yourself in Banff, a world-renowned destination famous for its scenic beauty and historic past. Enjoy first-class amenities, from resorts located in magnificent settings to out-of-the-way retreats; explore the pedestrian friendly Banff Avenue and browse the shops, galleries and museums; or take a ride up the gondola on Sulphur Mountain for a panoramic view of the town and surrounding area.

Located in the Bow Valley is Lake Louise. Known for its tranquil blue-green water and set against the majestic backdrop of Victoria Glacier, Lake Louise is one of the most beloved and photographed sites in the Canadian Rockies.

Travel along the Icefields Parkway to Jasper National Park. Known as one of the most scenic highways in North America, this well-maintained road boasts stunning views, including snow-capped ice fields and more than 100 glaciers. In the town of Jasper itself, visitors enjoy a peaceful small-town atmosphere with a distinct alpine character.
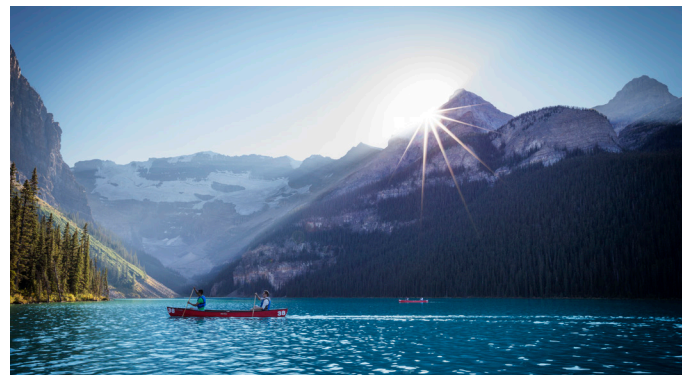
KANANASKIS COUNTRY

Forty-five minutes west of Calgary is Kananaskis Country. The area spans more than 4,000 square kilometres, and boasts spectacular terrain ranges – from glaciers and jagged mountain peaks to rolling foothills and flat stretches of open prairies. It is home to five provincial parks: Peter Lougheed, Bow Valley, Sheep River, Spray Valley and the Canmore Nordic Centre. The Kananaskis Valley is also home of the Nakiska Ski Area, site of the alpine ski events during the 1988 Olympic Winter Games.

CANMORE

Experience the small town charm of Canmore, a popular alpine hub located 106 kilometres west of Calgary. Bordered to the west and north by the world-famous Banff National Park and to the southeast by Kananaskis Country, Canmore offers its visitors stunning mountain views, superb accommodation facilities and unique shopping and dining experiences.

THE ALBERTA BADLANDS

Travel northeast of the city and find yourself in Drumheller, the heart of the Canadian badlands, and home to the Royal Tyrrell Museum of Palaeontology. The museum features the world's most extensive display of dinosaurs, and is Canada's only institution devoted entirely to palaeontology.

WATERTON LAKES NATIONAL PARK

Approximately 260 kilometres south of downtown Calgary, rugged, windswept mountains rise abruptly out of gentle prairie grassland in spectacular Waterton Lakes National Park. Here, several different ecological regions meet and interact in a landscape shaped by wind, fire, flooding, and abundant plants and wildlife. The park helps protect the unique and unusually diverse physical, biological and cultural resources found in the Crown of the Continent: one of the narrowest places in the Rocky Mountains.

II.II TRAVEL & SAFETY

Direct Flight Service

Calgary's modern and efficient YYC Calgary International Airport is located just 20 minutes from the city centre. Consistently ranked by passengers as one of the best airports in North America for overall passenger convenience, the YYC Calgary International Airport saw 16.3 million passengers in 2017 with 75 non-stop destinations. Calgary is ranked third in the country for number of flights and ranked second for total available seat capacity.

The following passenger airlines offer regular service to Calgary from major North American and overseas cities: Air Canada, Air North, Air Transat, Alaska Airlines, American Airlines, British Airways, Central Mountain Air, Condor, Delta Air Lines, Edelweiss Air, Frontier Airlines, Hainan Airlines, KLM, Sunwing Airlines, United Airlines, and WestJet.

INTERNATIONAL DESTINATIONS

Amsterdam, Netherlands

Beijing, China

Frankfurt, Germany

London (GB) Gatwick, UK

London (GB) Heathrow, UK

Mexico City, Mexico

Tokyo, Japan

Zurich, Switzerland

U.S. DESTINATIONS

Chicago, Illinois

Dallas/Fort Worth, Texas

Denver, Colorado

Fort Lauderdale, Florida

Houston, Texas

Las Vegas, Nevada

Los Angeles, California

Minneapolis, Minnesota

Nashville, Tennessee

Newark, New Jersey

New York City, New York

Orlando, Florida

Palm Springs, California

Phoenix, Arizona

Portland, Oregon

San Diego, California

San Francisco, California

Salt Lake City, Utah

Seattle, Washington

Canadian Customs

Visitors entering Canada must present a valid passport and, in certain cases, a visa. For a complete listing of countries whose citizens require visas to enter Canada, visit cic.gc.ca.

Citizens from the United Kingdom, France, Germany, Mexico, Japan, the Republic of Korea, Australia and others do not require a visa to enter Canada. Citizens from such countries may wish to their Canadian consulate or embassy for information regarding the documentation they are required to carry.

Information on international Canadian embassies can be found at:

- Global Affairs Canada

- Citizenship and Immigration Canada

WESTERN HEMISPHERE TRAVEL INITIATIVE

The Western Hemisphere Travel Initiative (WHTI) is a U.S. law that requires all travellers, including U.S. and Canadian citizens, to present a valid passport or other approved secure documentation when entering the U.S. from within the Western Hemisphere.

For further information on the WHTI, visit:

- The U.S. Department of State

- The U.S. Department of Homeland Security

ENTRY REQUIREMENTS BY COUNTRY

What you need will depend on where you are from, how you are travelling, and what documents you are travelling with. A complete list of countries as it relates to VISA requirements and exemptions can be found on the Visit Canada website.

CUSTOMS AND IMMIGRATION FOR MEETING PLANNERS

Calgary is a major transportation hub and can efficiently handle large shipments of materials from the U.S. and around the world. The Canada Border Services Agency has streamlined border procedures and services to assist meeting planners and convention organizers in holding their meeting in Canada. Its International Events and Convention Services Program (IECSP) helps ensure the smooth processing of goods and delegates across the Canadian border. An IECSP regional coordinator can assist your event.

Safety

Calgary is a safe, clean and healthy city. In fact, Calgary was ranked the Cleanest City in the World by Huffington Post in 2013. And in a North American quality of living survey done by Mercer, Calgary also ranked the 16th highest city for personal safety and security. The city has made, and continues to make, a significant investment in personnel, equipment and technology for Calgary's security and protective services (including fire, police, emergency medical services and STARS Air Ambulance).

The emphasis on personal security shows. Calgary has been ranked as one of the top 35 cities in the world for overall quality of living and ranks 16th among North American cities for highest personal safety.
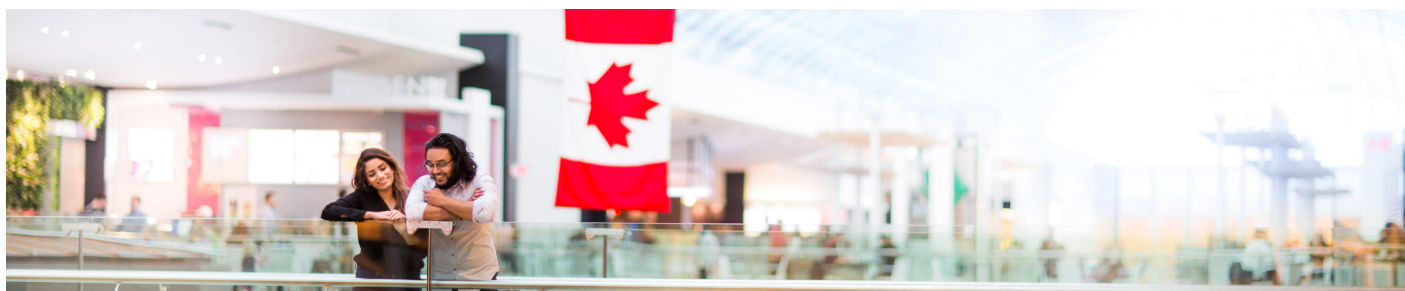
II.III CONFERENCE TIMING & VENUE

Proposed Dates: August 24-29, 2020

Main Conference: Wednesday-Friday, August 26-28, 2020

August is the ideal time to visit Calgary and Alberta, offering long summer days, ideal weather and access to more heavily discounted convention offerings. Calgary is a great city to live in year round, but it is at its best in the summer. Not only is that when some of the city's biggest events like the world renowned Calgary Stampede return for another year, but the weather is perfect for outdoor activities like paddling down the Bow River, cycling, watching outdoor movies, enjoying the various dining options and taking a tour of the many art instillations. An August date is also ideal timing for attendees and their families to extend their stay in the Alberta region and visit any of the 4 UNESCO World Heritage sites within an 90 minute drive of the city.

Holding the FOSS4G conference in August also eliminates competition from several known geospatial conferences that typically occur in July, September, October, and November, thus potentially increasing our attendance. A summer program will also provide the CLOC access to more student and faculty volunteers that have yet to return to school.

The Calgary TELUS Convention Centre

The proposed venue for the OSGeo FOSS4G 2020 is the Calgary TELUS Convention Centre (CTCC).

Be at the centre of everything. The Calgary TELUS Convention Centre has 122,000 sq. ft. of flexible space with a 20,000-sq.-ft. ballroom plus five pre-function areas. Part of the vibrant Stephen Avenue pedestrian mall, it's just steps from some of Calgary's finest restaurants and part of one of North America's most centralized business and entertainment districts. The CTCC connects to three leading hotels (the Fairmont Palliser Calgary, the Calgary Marriott Downtown Hotel and the Hyatt Regency Calgary) and is close to dozens more.

The Calgary TELUS Convention Centre is compliant with provincial regulatory guidelines and Canadian standards on accessibility.

Additional attributes: Leading technology: Internet, video conferencing and Wi-Fi services; Fully equipped business centre; Food and beverage catering from Calgary Marriott Downtown Hotel; Underground parking; Light rail transit and bus access; 15 minutes to the YYC Calgary International Airport; Nearby shopping, arts and entertainment, parks and walking and cycling network.

See more at *calgary-convention.com.*

PROPOSED SPACE - CALGARY TELUS CONVENTION CENTRE

TELUS ROOMS

Breakout Rooms (5)

North Building
Main Level

North Building
Upper Level

EXHIBITION HALL

Plenary / Exhibition / F&B /
Registration
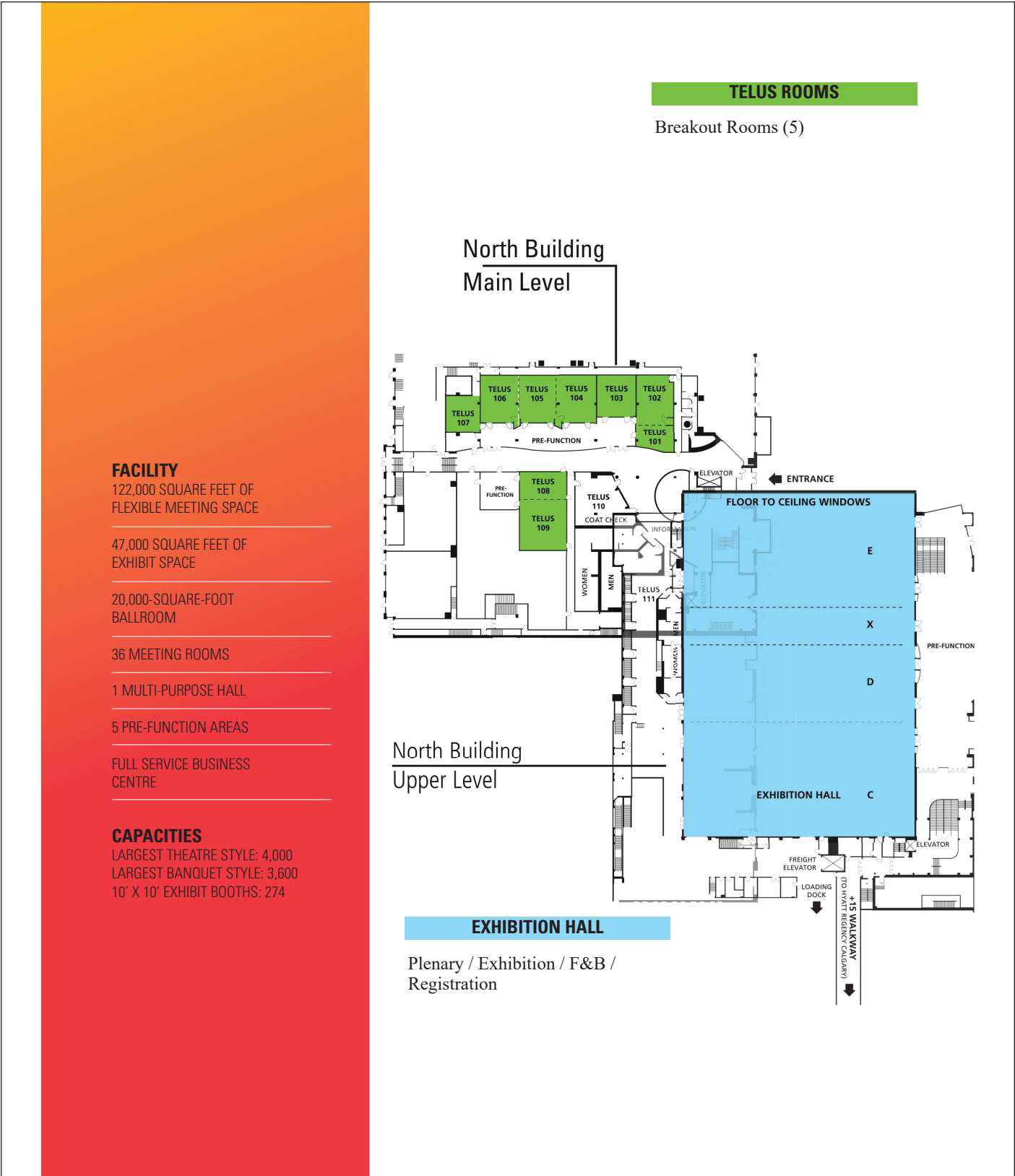
FACILITY
122,000 SQUARE FEET OF
FLEXIBLE MEETING SPACE

47,000 SQUARE FEET OF
EXHIBIT SPACE

20,000-SQUARE-FOOT
BALLROOM

36 MEETING ROOMS

1 MULTI-PURPOSE HALL

5 PRE-FUNCTION AREAS

FULL SERVICE BUSINESS
CENTRE

CAPACITIES
LARGEST THEATRE STYLE: 4,000
LARGEST BANQUET STYLE: 3,600
10' X 10' EXHIBIT BOOTHS: 274

PROPOSED SPACE - CALGARY TELUS CONVENTION CENTRE

1st Street SE

FREIGHT ELEVATOR
FREIGHT ELEVATOR

MACLEOD E4
MACLEOD E3
MACLEOD E2
MACLEOD E1

PRE-FUNCTION

South Building
Lower Level

MEN
WOMEN

PRE-FUNCTION

PHONE
MEN

8th Ave SE

MACLEOD HALL A1
MACLEOD HALL A2
MACLEOD HALL A3
MACLEOD HALL A4

A   B   C   D

MACLEOD HALL

PACIFIC

ELEVATOR

South Building
Main Level

9th Ave SE

GLENBOW MUSEUM

CHINOOK 4
CHINOOK 3
PRE-FUNCTION
CHINOOK 1
CHINOOK 2

GLEN 210

BREEZEWAY

MEN
WOMEN

+15 WALKWAY

+15 & SERVICE CORRIDOR

GLEN 201   GLEN 202   GLEN 203   GLEN 204

UPPER +15
(FAIRMONT PALLISER CALGARY)

(THE CALGARY MARRIOTT HOTEL)

South Building
Upper Level

PRE-FUNCTION

PHONE

GLEN 205   GLEN 206   WOMEN MEN   GLEN 208   GLEN 209

GLEN ROOMS

Breakout Rooms (5)

calgary-convention.com

II.IV MEETING ROOMS FOR SMALL BUSINESSES

At this time, there are a variety of additional rooms within the Calgary TELUS Convention Centre to host supplementary small business meetings. See pages 18-19 for space that has been allocated as well as additional rooms that aren't highlighted which are still available. Alternatively, since the venue is connected to three hotels that all have meeting space, there are supplemental rooms available direct through those properties as well.

II.V VENUE MAXIMUM CAPACITY

See attached spaces for Calgary TELUS Convention Centre meeting room capacity.

NORTH BUILDING

TELUS Rooms

Exhibition Halls

SOUTH BUILDING

Macleod Hall

Chinook Rooms

Glen Rooms

II.VI WORKSHOPS

Proposed Dates: Monday-Tuesday, August 24-25, 2020

The CLOC plans to work in conjunction with the University of Calgary for OSGeo FOSS4G Workshops. Like previous FOSS4G conferences, the workshops will take place prior to the main conference. The workshops will consist of 20 half-day (morning and afternoon) and 2 full-day sessions each day for a total of 44 sessions. Each half-day session is able to accommodate up to 30 users with full day sessions able to accommodate 50 users. The University of Calgary is located a short C Train ride from the downtown venue and hotels. The CLOC will work with the City of Calgary to secure discounted day train passes for workshop attendees. See Section 5 for detailed workshop information.

CODE SPRINT

To further immerse the FOSS4G delegates in all things Calgary, the CLOC will be hosting a code sprint at the New Central Public Library on the Saturday immediately following the conference programming.

The new Central Library is home to a physical collection of 450,000 books, more than 30 free community meeting areas, a performance hall, café, outdoor plazas, a children's library, dedicated spaces for teens, recording studios, and much more. The Library is located just two blocks east of the Calgary TELUS Convention Centre in the burgeoning cultural hotspot of East Village. The building alone has been captioned one of the world's most dynamic and inspired public libraries making it a perfect location to engage and collaborate on open source programing.

II.VII TRANSLATION SERVICES

The CLOC has sourced the in house audiovisual provider at the Calgary TELUS Convention Centre to provide a quote for translation services for the FOSS4G Conference.

Pending demographics of registrations, the CLOC anticipates broadcasting plenary sessions in 2-3 languages with unlimited capacity for delegates to participate in their respective language.

II.VIII CHILDCARE

Pending attendance, the CLOC has engaged two local establishments, TELUS Spark and the Calgary Zoo to host two-day camps during the conference for children of delegates to attend. Programs based at TELUS Spark are specifically designed for children ages 5 and up, and will look to build skills in science, engineering, technology, art and math, while the kid camps available at the Calgary Zoo encourage children to discover the natural world through activities, games, crafts, stories, interpretive programs and animal visits.

For children too young or unable to attend the day camps, alternate care can be arranged on site at the conference venue. The Calgary TELUS Convention Centre is a flexible venue with access to local childcare providers to seamlessly provide this service to clients. Pricing would be confirmed one year prior to arrival.

Alternatively, there are a variety of local service providers in proximity to CTCC.
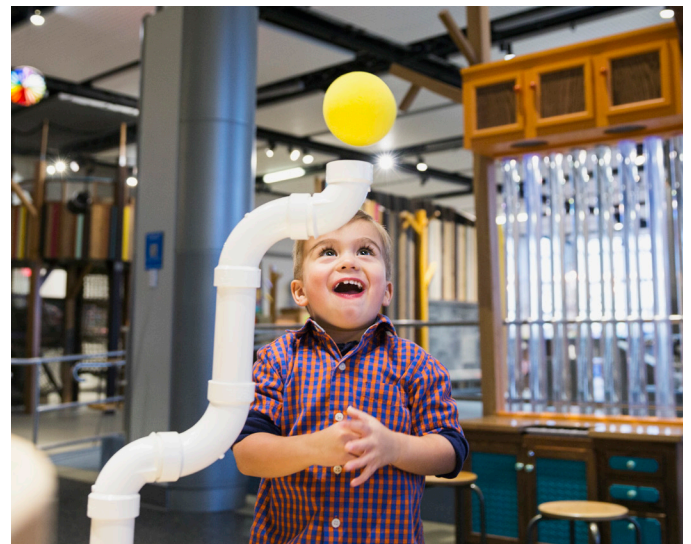
II.IX ACCOMMODATIONS

Calgary's inviting accommodations offer over 13,000 guestrooms. From international brand-name hotels and regional chains to trendy boutique properties, Calgary welcomes attendees with an incredible selection of accommodation options, many of which offer their own meeting spaces.

Based on past North American Attendance, the CLOC anticipates the following guest room requirements for the OSGeo 2020 FOSS4G Conference in Calgary. With this commitment, OSGeo will be eligible for funding assistance from the Destination Marketing Fund assuming one meeting venue and a minimum of two proposed DMF member hotels are contracted. See budget for confirmed funding offering (page 35).

Room Block

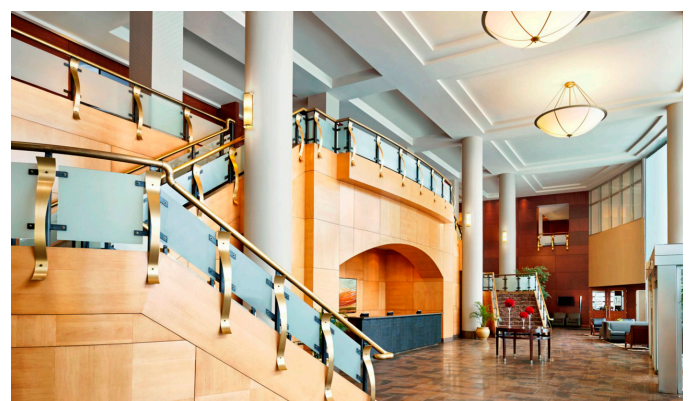Sunday, August 23 – 120 rooms

Monday, August 24- 200 rooms

Tuesday, August 25 – 400 rooms

Wednesday, August 26 – 400 rooms

Thursday, August 27 – 400 rooms

Friday, August 28 - 120 rooms

BID SUMMARY

The CLOC has sent a request for proposals to downtown properties ranging from 3-4 star. The below chart reflects the available hotel options and their respective price points.

August 24-29, 2020

MEETING FACILITY	RENTAL RATE	
	$CAD	$USD
Calgary TELUS Convention Centre	$65,000	$48,861

HOTELS	PEAK ROOMS	GUESTROOM RATES	
		$CAD	$USD
Calgary Marriott Downtown Hotel	250	$199	$150
Delta Hotels by Marriott Calgary Downtown	200	$159	$120
Fairfield Inn & Suites Calgary Downtown	50	$144	$108
Fairmont Palliser	200	$239	$180
Hilton Garden Inn & Homewood Suites Calgary Downtown	125	HGI: $175 HWS: $195	HGI: $132 HWS: $147
Hotel Arts	75	$199	$150
Hotel Le Germain	40	$309	$232
Hyatt Regency Calgary	254	$209	$157
Ramada Plaza Calgary Downtown	50	$139	$104
Sheraton Suites Calgary Eau Claire	100	$170	$128
Westin Calgary, The	200	$199	$150

ADDITIONAL INFORMATION

- **Hotel Rates:** Confirmed 2020 rates. Exclusive of 5% Goods and Services Tax (GST), 4% Provincial Government Tourism Levy and 3% Destination Marketing Fee

- **Meeting Facility Rates:** Inclusive of Internet. Exclusive of 5% Goods and Services Tax (GST)

- **Currency Conversion:** $1.00 CAD = $0.75 USD (Rates as of November 20, 2018 per xe.com)

DOWNTOWN MAP
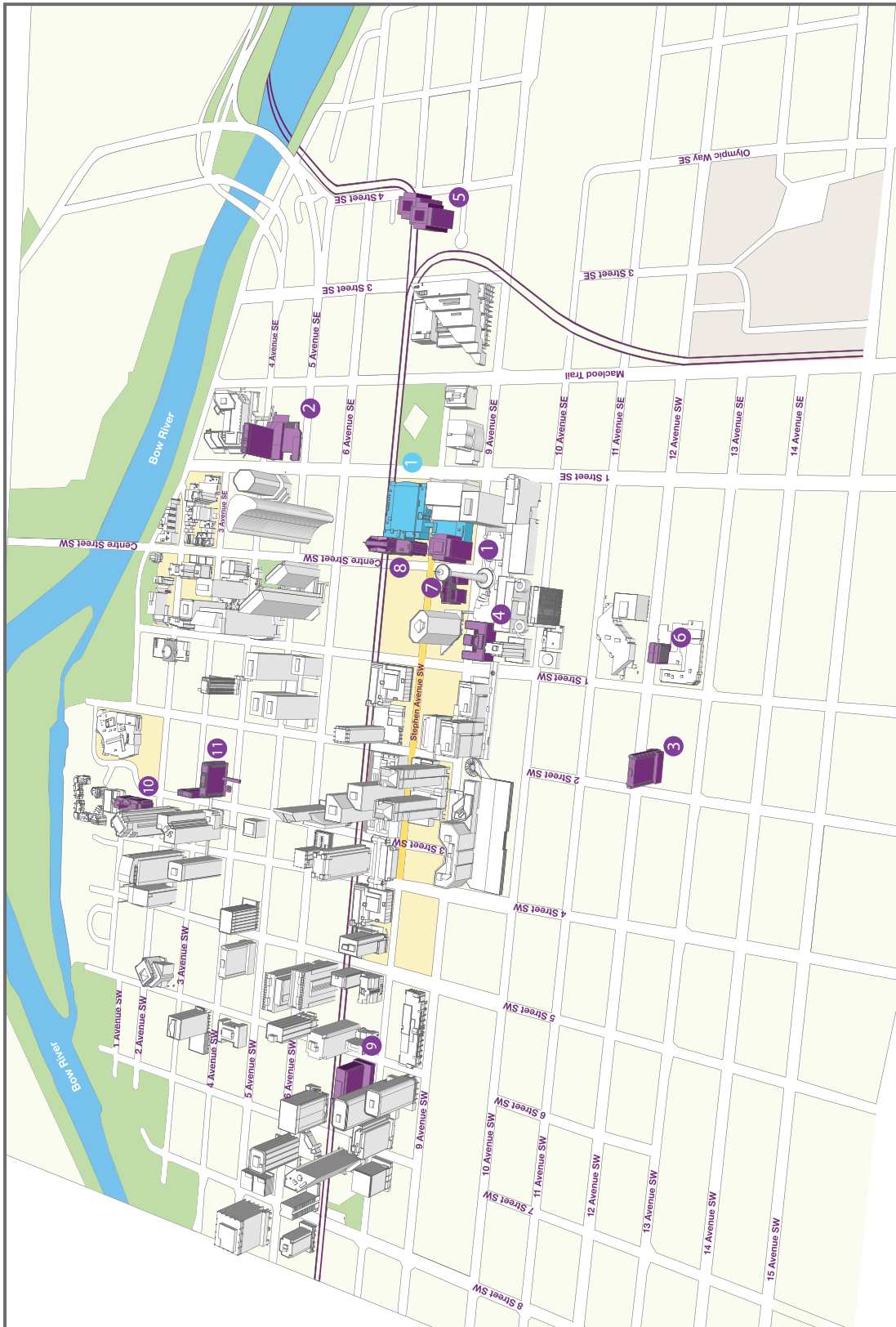
Legend

Shopping District	═══ Calgary C-Train
Stephen Ave. Walkway	⑦ Visitor information Centre
Stampede Park	

MEETING FACILITY
1. Calgary TELUS Convention Centre

HOTELS
1. Calgary Marriott Downtown Hotel
2. Delta Hotels by Marriott Calgary Downtown
3. Fairfield Inn & Suites Calgary Downtown
4. Fairmont Palliser, The
5. Hilton Garden Inn & Homewood Suites Calgary Downtown
6. Hotel Arts
7. Hotel le Germain
8. Hyatt Regency Calgary
9. Ramada Plaza Downtown Calgary
10. Sheraton Suites Calgary Eau Claire
11. Westin Calgary, The

III. THE HOSTING ORGANIZATION AND LOCAL COMMUNITY

III.I CALGARY'S GEOSPATIAL AND TECH COMMUNITIES

Letters of Support

In addition to the direct recruitment of the volunteers who sit on the Location Organizing Committee, we have also reached out to numerous community entities to ensure their communities support our interest in hosting FOSS4G in Calgary in 2020. The below letters serve as evidence of the interest and enthusiasm that exists in Western Canada for bringing this event to our destination. Letters are attached in the appendix A.

ORGANIZATION	SECTOR
City of Calgary – Mayors Office	Government
Calgary Economic Development	Government
Alberta Innovates	Government
Natural Resources Canada - CCMEO	Government
National Research Council - Industrial Research Assistance Program	Government
Western Economic Diversification Canada	Government
Alberta Data Partnership	Community
Alberta Geomatics Group	Community
Alberta Society of Surveying and Mapping Technologies	Community
Calgary Artificial Intelligence Meetup	Community
CalgaryR Meetup	Community
Canadian Avalanche Association	Community
Meetings + Conventions Calgary	Community
PyData Meetup	Community
Rainforest Alberta	Community
URISA Alberta	Community
YYC Airport Authority	Community
ACAMP	Non Government Organization
Calgary Technologies Inc.	Non Government Organization
Cybera	Non Government Organization
TEC Edmonton	Non Government Organization
TECTERRA	Non Government Organization
AMII – Alberta Machine Intelligence Institute	Academic
Mount Royal University	Academic
SAIT	Academic
University of Calgary – AVP Research	Academic
University of Calgary - Department of Geomatics	Academic
University of Lethbridge	Academic
Air Canada	Private
ESRI Canada	Private
Garmin	Private
GDM Pipelines	Private

Letters of Support (Continued)

ORGANIZATION	SECTOR
Golder Associates Ltd.	Private
Hexagon Positioning Intelligence	Private
Intermap Technologies Corp.	Private
MAGNA Engineering Services	Private
MapBox	Private
RBC	Private
Safe Software	Private
Tarin Resource Services Ltd.	Private

III.II LOCAL ORGANIZING COMMITTEE

Calgary has a long history of being Canada's Hub for geospatial science and hosting some of the most innovative events to cultivate and grow the geospatial community. Our CLOC members have vast experience in the hosting of large-scale successful events at both the local and national levels at venues throughout Alberta. Hosting an event such as FOSS4G will require us to draw from these experiences and pull together the strong volunteer base and community support which has been established over the past 20 years. We are certain that OSGeo will see the long-term reward of an OSGeo local community being established in the region following the 2020 Calgary event.

Committee Co-Chairs

Jonathan Neufeld, CEO Tecterra

Jonathan Neufeld is a relationship-based leader, employing big-picture thinking and a proven ability to translate ideas into action. He is a veteran of the geospatial industry, including leading teams to deliver results – whether they are delivering programs to support SME technology development projects or collecting airborne data internationally. Jonathan joined TECTERRA in 2011 as the Technical Manager and in 2013 he took on the role of Director of Commercialization Programs. In 2016 he was appointed Chief Executive Officer by the TECTERRA Board of Directors. He has received a B.Sc in Geomatics Engineering, from the University of Calgary, and an MBA through the Haskayne School of Business.

Brad Ashley, Past President, Alberta Geomatics Group
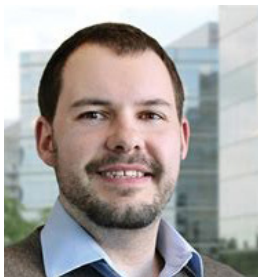
Brad Ashley is the Vice President of the Alberta Society of Surveying and Mapping Technologies, an organization who certifies technical professionals in the geospatial industry. Brad has volunteered his time previously with several other geospatial organizations. During his 9 years with the AGG, he was President of the organization for two years and started an annual GIS Day event which grew to over 300 participants. Brad spent 6 years with the GeoAlberta Conference Committee, during which he sat on the steering committee of for four conferences and chaired the 2014 event which saw over 300 geomatics professionals attend the 3-day conference.Additionally, he manages a team of geomatics professionals in the private sector at Caltech Surveys.

Calgary's Local Organizing Committee (CLOC)

Our team represents a diverse and experienced group of geospatial professionals who have all greatly influenced our Calgary geospatial community through their commitments and hard work. Members of the CLOC are also active contributors to and proponents of OSGeo activities and conferences. Paul Ramsey - Chair of FOSS4G 2014 is on the CLOC and will lend support guidance and expertise to the main and sub committees. Will Cadell and James Banting, both of Sparkgeo, have been regular attendees at FOSS4G events and continually provide sponsorship to the core conference as well as community driven initiatives such as childcare. Brad Ashley and Scott McHale have years of experience volunteering with the Alberta Geomatics Group. While not an OSGeo affiliated organization, AGG follows many of the same principles as OSGeo.

We are confident that the CLOC has the right people to help drive and share OSGeo principles to the wider geospatial community in Calgary and surrounding regions. The table below outlines our CLOC members:

NAME	ORGANIZATION	SECTOR	TITLE	LOCATION	SUBCOMMITTEE
Jonathan Neufeld	TECTERRA	Non-Governmental Organization	CEO	Calgary, AB	Co-Chair
Brad Ashley	Caltech Surveys	Private Sector	Manager	Calgary, AB	Co-Chair
Scott McHale	Alberta Geomatics Group	Community	Vice President	Calgary, AB	Local Organizing
Andrew House	TECTERRA	Community	Director of Commercialization	Calgary, AB	Finance
Paul Ramsey	Crunchy Data	Private Sector	Executive Geospatial Engineer	Victoria, BC	Program Co-Chair
William Cadell	SparkGeo	Private Sector	CEO	Prince George, BC	Work Shops
Nasir El-Sheimy	University of Calgary	Academic	Professor	Calgary, AB	Academic Program
James Banting	SparkGeo	Private Sector	Developer	Calgary, AB	Work Shops
Bob Bruce	Manitoba GIS User Group	Community	Vice President	Winnipeg, MB	Local Organizing
Amanda Taub	Douglas Country, Washington	Government	GIS Analyst	Washington State, USA	Program Co-Chair
Verda Kocabas	Southern Alberta Institute of Technology	Academic	Academic Chair	Calgary, AB	Academic Program
Lynn Moorman	Mount Royal University	Academic	Professor	Calgary, AB	Academic Program
Chel Hee Lee	CalgaryR	Community	Leadership	Calgary, AB	Local Organizing

III.III CALGARY'S OPEN SOURCE AND GEOSPATIAL COMMUNITIES

Calgary is a North American hub for geospatial science and is home to the headquarters of over 25% of Canada's geomatics, navigation and global positioning firms. Local companies include Garmin Canada, NovAtel, Intergraph, Hemisphere GNSS, and over 50 SMEs engaged in development and commercialization of geospatial technology. Companies in Calgary are utilizing geospatial computing technologies, in sectors such as oil and gas, agriculture, construction, film and television and logistics. Calgary has a strong pool of talent in geospatial technologies, data analysis, data visualization and systems integration. The city also boasts a number of world-class research institutions, progressive legislation and an entrepreneurial mindset that is driving this technology forward.

Calgary's strong geospatial community is represented by a variety of organizations ranging from meetup communities to certification organizations and legislated bodies. Support from these communities will allow us to draw on volunteers and experts who have managed largescale events in the past.

INDUSTRY

TECTERRA

TECTERRA is a government-funded non-profit organization that assists start-ups, and small and medium-sized companies (SMEs) to develop and commercialize technology faster than they could on their own.

Since beginning operations in 2009 through to September 2018, TECTERRA has engaged with 187 Alberta-based companies including 85 start-ups, investing $45M in 71 industry-led projects. These investments have been matched with $35M from industry to generate 352 net-new jobs and $210M in actual economic impact. These same investments are forecast to create over $391M in long-term economic impact for Albertans and Canadians by 2020.

The Alberta Geomatics Group (AGG)

Established in 1999 as a not-for profit organization, the Alberta Geomatics Group (AGG) was formed to facilitate growth, awareness, and development of the Alberta Geomatics community. Activities of the AGG are guided by an elected Board of Directors: volunteers

from the geomatics community of people sharing a common interest in how information about our physical world is gathered, stored, processed and delivered.

The AGG community includes those learning, teaching, building, and applying geomatics knowledge and technologies and these stakeholders serve an increasing variety of enterprises in business and in all levels of government. In Alberta, this includes a focus in the areas of land surveying, cartography, remote sensing, geographic information systems (GIS), global navigation satellite systems, photogrammetry, geography and related forms of earth mapping in energy, agriculture, and forestry.

The Alberta Society of Surveying and Mapping Technologies (ASSMT)

Incorporated in 1970, the Alberta Society of Surveying and Mapping Technologies (ASSMT) is a nationally recognized Association which provides accreditation for qualified individuals involved in surveying, mapping and related geomatics occupations.

Members have typically graduated from a society recognized post-secondary technical institute or college program and have been granted certification by the society. ASSMT promotes continuing education, member recognition and improvement of the standard and standing of survey and mapping technicians and technologists throughout the industry.

The Urban and Regional Information Systems Association of Alberta (URISA AB)

URISA Alberta was formed in 1988 as a provincial chapter of URISA International, one of the longest-running Information Systems organizations in the world. The Alberta Chapter is separate from the international organization and has its own membership and fees.

URISA Alberta members represent many areas within the ever-expanding Information Systems (IS) field. Members represent provincial and municipal governments, the private sector (large and small businesses) and academia.

MEETUP GROUPS

Calgary Artificial Intelligence

The Calgary Artificial Intelligence meetup regularly hosts community talks where developers share their knowledge and tooling around AI products. Being based in an energy economy, geospatial is a huge component of the talks that are given and Open Source geospatial is an intrinsic component of the products being developed.

CalgaryR

CalgaryR is the Meetup group for nearly 700 R users in Calgary. Bringing together researchers and other stakeholders from industry and academia they share experience and expertise in various statistical and analytical works utilizing R and seek to promote the use and understanding of opensource software generally.

PyData Calgary

PyData is an educational program of NumFOCUS, a 501(c)3 non-profit organization in the United States. PyData provides a forum for the international community of users and developers of data analysis tools to share ideas and learn from each other. The global PyData network promotes discussion of best practices, new approaches, and emerging technologies for data management, processing, analytics, and visualization using many languages, including (but not limited to) Python, Julia, and R. The PyData Calgary Meetup group boasts over 700 members

CITY OF CALGARY

Calgary is a North American hub for geospatial science which is driving growth in the emerging sector of unmanned and autonomous systems. Calgary has a strong pool of talent in geospatial technologies, data analysis, data visualization and systems integration. Calgary also boasts a number of world-class research institutions, progressive legislation and an entrepreneurial mindset that is driving this technology forward. Calgary's workforce for surveying and mapping is three times the concentration compared to the rest of the country, with specialties in geomatics, GIS and manufacturing of GPS and GNSS equipment. Calgary also has a high concentration of talent doing custom software development and the highest concentration of engineers per capita of any Canadian city.

INSTITUTIONS

University of Calgary

The University of Calgary has established itself as a global leader in geomatics engineering and related technology development. U of C has achieved worldwide recognition for research excellence over the past 30 years and continues to offer the largest undergraduate and graduate programs in geomatics engineering nationally. The University is also home to the Calgary Centre for Innovative Technology (CCIT). Inside the CCIT is the Mobile Multi-Sensor Systems Research Team, which is one of the leading research groups in the integration and optimal combination of multi-sensors for position, location, navigation, attitude determination and GIS applications. It is also home to the Position Location and Navigation Group dedicated to the research, development and improvement of wireless positioning and navigation technologies.

The Department of Geomatics Engineering is a leader in four specialized areas that are aligned with the University of Calgary's research strategy. Those areas are: Earth Observation; Positioning, Navigation and Wireless Location; Digital Mapping; and GIS and Land Tenure. Both open geospatial technology and open data are an integral part of the department's teaching and research programs.

SAIT

SAIT has a rich history making it integral to creating the highly-skilled professionals best suited to serve in Alberta's most technical industries. Today SAIT offers two baccalaureate degrees, 76 certificate, diploma and applied degree programs, 34 apprenticeship trades and 1,489 continuing education and corporate training courses. SAIT provides training to more than 49,000 people annually and has delivered training in over 30 countries.

SAIT is a geospatial leader delivering Geomatics Engineering Technology and Bachelor of Applied Technology Geographic Information Systems programs. Its technical strength has made it one of Canada's top applied research institutions delivering both a UAV-related curriculum as well as world class applied research which has seen it collaborate with industry partners to produce new products and applications for unmanned systems through their Centre for Innovation and Research in Unmanned Systems (CIRUS). CIRUS is projected to become the primary centre of excellence in western Canada for applied research into unmanned systems. This record of excellence has seen them partner with top international organizations such as NASA's Jet Propulsion Laboratory.

Mount Royal University

Mount Royal University has contributed to the academic landscape in Calgary for over 100 years. As an undergraduate-focussed institution, students are engaged in small personalized classes, community-driven research, and hands-on service learning. The Faculty of Science and Technology supports geospatial and computer information systems learning through the Departments of Math and Computing, and Earth and Environmental Sciences, and offers a Spatial Innovation course through the General Education program to promote geospatial awareness through the student body. Faculty members are engaged in the community through leadership and membership in the Royal Geographical Society (RCGS), the Canadian Association of Geographers (CAG), Alberta Geomatics Group (AGG), Association for Computing Machinery (ACM), and the Institute of Electrical and Electronics Engineers (IEEE). Research and teaching strengths are focused on Digital Earth, geospatial literacy, citizen science, cloud-based big data processing, machine learning, software engineering, serious game design, medical informatics, web development and computing education.

III.IV WORKING IN PARTNERSHIP WITH OSGEO

Our CLOC members have discussed at length the importance of restarting, growing and sustaining an OSGeo community presence in Calgary. This will be undertaken through close work with the organization in the lead up to the event and continued communication following the event. To ensure our 2020 conference instills the values of OSGeo we propose the following:

- A prior organizer of a FOSS4G conference act as a mentor or advisor to the CLOC, providing continuity and guidance on topics outside the prior purview of the committee.

- OSGeo will be provided with Platinum Sponsorship, at no cost, which will include a large booth in a prominent location within the conference space and all other inclusions as outlined in Section 2 of this proposal booklet. Additionally, all name badges will include an OSGeo Logo incorporated into the overall design.

- An overseeing executive council will be established which will include the co-chairs (Jon Neufeld and Brad Ashley), our budget chair (Andrew House) and our programs chair (Paul Ramsey). We would also welcome the named advisor or a member of the OSGeo Board of Directors. This Executive Council will ensure all risks are mitigated in a timely manner and provide overall direction to the CLOC and their subcommittees.

Following the event, we will continue to promote the OSGeo Alberta chapter and OSGeo values at local and regional conferences and events. We will also work with local geospatial leaders to ensure that OSGeo is represented at local tech meetups so that more people will be aware of and participate in the OSGeo organization.

IV. THE BUDGET

IV.I BUDGET OVERVIEW

Our proposed budget is intentionally conservative to highlight that even with limited sponsorship and reduced registration fees, the Calgary Local Organizing committee anticipate a moderate profit for every attendee size scenario while still including value ads in registration fees. With inclusions outlined below the minimum viable attendance for this program to be successful and profitable would be approximately 500 delegates. After extensive due diligence the CLOC is confident that the budget information presented below is accurate and realistic.

THE CLOC has looked at three potential attendee size scenarios with corresponding budgets outlined below in USD:

- 800 attendees (low)
- 1000 attendees (expected)
- 1,200 attendees (goal)

	LOW	EXPECTED	GOAL
Revenue	**800**	**1,000**	**1,200**
Registration (incl. Workshops)	$454,009	$556,024	$658,038
Sponsorship	$203,722	$210,615	$217,508
Total	$657,731	$766,639	$875,546
Expenses			
Onsite Expenses	$158,306	$162,135	$165,965
Committee Costs	$6,127	$6,127	$6,127
Marketing Expenses	$19,147	$21,444	$23,742
Administrative Expenses	$25,841	$30,941	$36,042
Food & Beverage (incl. of gratuity)	$329,325	$411,657	$493,988
Contigency (7%)	$37,712	$44,261	$50,810
VAT (5%)	$28,823	$33,828	$38,834
Total	$605,281	$710,394	$815,508
Net Proceeds	$52,451	$56,244	$60,038
OSGeo Contribution (50%)	$26,225	$28,122	$30,019

IV.II EXPECTED ATTENDANCE

Our goal is to attract attendees from an array of backgrounds and sectors who represent a variety of business, education and community groups. Calgary, as the geospatial hub of Canada, provides a strong community of geospatial developers and users who can benefit from in-depth conversations and will in turn assist in growing and strengthening our local open source community. The CLOC plans to build on the following points to ensure increased attendance at Calgary FOSS4G 2020.

- **Easy Access** –A western Canadian hub, the YYC Calgary International Airport is the fourth largest in Canada and is with-in one-stop of any global destination. International travelers have ease of access through hundreds daily non-stop flights from US and European cities. With a variety of airlines that service Calgary and the Air Canada discount that has been secured for all delegates by the CLOC, it will be easy and affordable to find travel options into the city.

- **Affordable** – The CLOC has chosen dates within the city of Calgary that offer affordable airline tickets and accommodation. Further reduced group rates at a variety of hotels have been secured for FOSS4G delegates. Significant effort has also been put into securing substantial sponsorship in an active effort to reduce registration fees to make the conference as affordable as possible.

- **Students** – Calgary FOSS4G will offer student discounts on registration and already has a fully funded Travel Grant Programme in place for 2020. The CLOC also plans to build on strong local academic support to engage students at the University of Calgary, SAIT, Mount Royal University, University of Alberta and University of Lethbridge to attend FOSS4G and build up the local OSGeo legacy.

- **International Draw** – The province of Alberta, and specifically Calgary and Banff are recognized internationally as must-see destinations. Calgary is home to the world-famous Greatest Outdoor Show on Earth - the Calgary Stampede – and CNN recently named Calgary as one of the top destinations in the world. Additionally, Calgary is located within a 90 minute drive to 4 World UNESCO Heritage Sites including Banff National Park and Dinosaur National Park that will offer a plethora of pre and post opportunities for delegates at their families.

- **Inclusive FOSS4G** – The CLOC is creating a FOSS4G program that will be inclusive to delegates and their families. With the intention of attracting additional delegates by engaging their entire families, the CLOC has developed Kid Camps and Spousal Programs during the Calgary FOSS4G programming which appeal to a broad range of interests.

- **Strong North American History** – The CLOC plans to build on past North American FOSS4G success by actively engaging previous delegates and sponsors. With incredibly strong local support in the public, community and academic sectors, the CLOC plans to leverage these networks to attract new and existing open source professionals to the city in 2020.

IV.III SPONSORSHIP

The CLOC believes that the strongest component of our proposal besides our local industry is an ability to generate an abundance of sponsor support. This assumption is based on the below factors:

- The CLOC represents several public, private and community companies and organizations that have already committed to sponsor.
- A number of CLOC members have active relationships with a number of geo and open source companies
- Open Source Geospatial use and unmanned systems community is strong in Calgary and Western Canada Region.
- The CLOC plans to capitalize on past North American sponsorship success and capture renewals from those who exhibited in Boston in 2017 as well as those who have participated in FOSS4G Dar es Salaam and FOSS4G Bucharest. The CLOC also plans to significantly grow sponsorships base both regionally and nationally within Alberta and Canada

Based upon a review of Sponsor packages and Rates from multiple prior FOSS4G events, we propose the following sponsorship fees and general benefit structure (US dollars):

SPONSORSHIP LEVEL	COST	INCLUSIONS
Diamond	$30,000	- 6 Complimentary Registrations - Meal Sponsorship - Largest Booth
Platinum Sponsorship	$20,000	- 4 Complimentary Registrations - Meal Sponsorship - Large Booth
Gold Sponsorship	$15,000	- 3 Complimentary Registrations - Large Booth
Silver Sponsorship	$8,000	- 1 Complimentary Registration - Standard Booth
Bronze Sponsorship	$3,000	- 1 Complimentary Registration - Table Top Display
Supporting Sponsorship	$1,500	- 1 Complimentary Registration

At this time the Calgary Local Organizing has received the following **CONFIRMED** sponsorship dollars for Calgary FOSS4G 2020.

Meetings + Conventions Calgary (MCC)

On behalf of the Destination Marketing Fund of Calgary, Meetings + Conventions Calgary is pleased to offer OSGeo funding to assist with the Calgary FOSS4G Conference based on the proposed guestroom dates of August 24-29, 2020. Should Calgary be the destination of choice for this program, OSGeo would be eligible for **$46,010.00 USD ($60,680.00 CAD)**.

MCC has also secured an additional incentive bonus of **$9,857.00 USD ($13,000 CAD)** for 2020 conditional on a signed letter of intent confirming Calgary as the host city prior to December 31, 2018. This additional funding is secured to fund the CLOC minimum commitment for the OSGeo Travel Grant Programme. (For additional funding inforamation, see appendix B)

Below are additional organizations who have made commitments to the CLOC for future sponsorship totalling over $44,000.00 (US Dollars):

ORGANIZATION	SPONSORSHIP LEVEL	COMMITMENT
TECTERRA	Diamond Sponsor	Written
ESRI Canada	Silver Sponsor	Written
Department of Geomatics - University of Calgary	Supporting Sponsor	Written
Alberta Data Partnership	Bronze Sponsor	Written
SAIT	Bronze Sponsor	Written

INVENTURE$ 2020

Alberta Innovates has offered the CLOC a sponsorship of $200,000 CAD if we are able to align OSGeo FOSS4G with the dates of INVENTURE$ 2020, which is traditionally held in the first week of June. This generous sponsorship would bring the total confirmed funding to nearly $300,000 CAD and would enable the CLOC to guarantee a stable and profitable event. It would also allow the CLOC to take on additional options such as live streaming, additional programming, and increased access for vulnerable groups.

INVENTURE$ is the must-attend 'unconference' for creative minds in Alberta. Hosted and organized by Alberta Innovates CEO Laura Kilcrease, INVENTURES builds off her success in growing SXSW in Austin Texas into a multi-layered event featuring technology, innovation, arts, culture, and investment. Keynote speakers in 2018 included: Guy Kawasaki (Chief Evangelist, Canva), Alex Miller (President, Esri Canada), Arlene Dickinson (CEO, Venture Communications), And Danielle Carnival (Vice President, Biden Cancer Initiative)

Collaborating on this conference could create an incredible opportunity for FOSS4G delegates. Delegates would have access to all of the programming at INVENTURE$ at no additional cost, and the ability to meet and network with other technology-minded people in a creative atmosphere. By aligning INVENTURE$ and FOSS4G 2020 in Calgary we could offer delegates two conferences for the price of one. The CLOC is open to having discussions with OSGeo should this be an opportunity that would be of interest for 2020.

IV.IV DELEGATE FEES

In order to promote inclusivity and to make the Calgary FOSS4G as inviting as possible, the CLOC has structured the following conference delegate fees:

Early Registration	$500.00 USD
Registration	$650.00 USD
Workshops	$200.00 USD

- Registration will include access to both the Ice Breaker and Welcome Reception social events. All social events will include heavy reception style fare and a fixed number of complimentary drink tickets.
- Tickets for the Gala Event will be subsidized by 50% to ensure the highest level of attendance. Pending additional sponsorship revenue, Gala ticket prices may be further reduced.
- For the duration of the conference, delegates will be offered breakfast, lunch and AM/PM breaks.
- The CLOC plans to subsidize a number of registrations for students through a healthy Travel Grant Programme on top of the complimentary registrations that will be offered to sponsors, OSGeo and volunteers.
- 50% student discount will be offered for the first 100 post-secondary or high school attendees.

IV.V SEED FUNDING

The CLOC has a unique situation in which a co-chair for our conference is the CEO of TECTERRA, an Alberta based geomatics technology innovation support centre. The resources this organization are prepared to lend to the Calgary FOSS4G bid are as follows:

- Seed funding to cover start up expenses and deposits
- In-kind contributions of staff time for planning and hosting the event
- Promotion through their network of geospatial companies and experts
- Cash sponsorship ranging between $20,000 and $40,000 CAD

TECTERRA has a strong history of event execution ranging from small networking events, up to trade shows attracting 500 attendees and is particularly suited to galvanize the geospatial community around this event. As a responsible non-profit with a record of operational efficiency and success the TECTERRA Team will ensure successful financial management of the conference, and building a legacy of community, infrastructure, and open-source contributions. This will be Calgary's OSGeo and FOSS4G legacy.

IV.VI GIVING BACK TO OSGEO

The CLOC is forecasting a stable and profitable event in 2020. As such, a Calgary event would return 50% of the profit to OSGeo, and the remaining 50% would be held in-trust by TECTERRA for the benefit of the local geospatial community.

The table below lays out the anticipated returns (US Dollars) to OSGeo, based on the three attendance scenarios.

	LOW (800)	EXPECTED (1,000)	GOAL (1,200)
Net Proceeds	$52,740	$56,147	$59,553
OSGeo Contribution (50%)	$26,370	$28,073	$29,776

The remaining 50% of profit will be held in-trust by TECTERRA and used as a travel grant program for Alberta-based students to travel to future international FOSS4G events.

V. THE PROGRAM

V.I FOSS4G 2020 PROGRAM

Main Program – Wednesday, Thursday and Friday

PROGRAM STRUCTURE

Our anticipated FOSS4G Calgary program is similar in structure to the wildly popular Boston FOSS4G 2017 event and will include the following:

- Plenary keynote presentations following breakfast each day. These plenary sessions will last one hour.

- A moderated plenary panel discussion on a significant issue of general interest to this community (open source data availability/community initiatives) will be hosted in the afternoon of the second day.

- Sessions will take place within three 1.5-hour blocks each day with ten concurrent tracks in each session.

  - One session in each block will be set aside for invited talks by important figures in the open source community;

  - Sessions will be 20-minute talks with 5 minutes of questions each and followed by a 5-minute break to allow setup and travel of delegates.

  - Longer presentations may be made available where appropriate.

We will ensure we have sessions of interest for all delegates and provide opportunities for invited talks and general presentations. FOSS4G 2020 Calgary is projecting an attendance of 1,000 which will average 100 people per track. The final program will be established once early registration numbers come in.

In addition to the various presentations taking place, delegates will have time to attend the ample exhibit space and meet with many exhibitors. This space will also be home to our poster contest which will include both paper and web-based posters. Prizes will be given based on a range of categories including content, overall presentation, design as well as "The People's Choice".

Networking is an essential part of our Calgary experience and so we have included daily **60-minute lunch** periods without plenary presentations and **two full 30-minute breaks** with refreshments served in the vendor/poster exhibit area.

The CLOC will build on and adjust an initial conference grid for Wednesday through Friday similar to this:

Day 3	Wednesday		1	3	4	5	6	8	G1	G5	G6	G9
	Exhibit Hall	Plenary Room	Telus 101-102	Telus 103	Telus 104-106	Telus 107	Telus 108-109	Glen 201-202	Glen 203-204	Glen 205	Glen 206	Glen 208-209
7:30		Registration + breakfast										
8:00												
8:30		Welcome										
9:00		Opening Keynote										
9:30		Plenary Session										
10:00		Networking and Refreshment Break										
10:30												
11:00												
11:30												
12:00		Lunch Break										
12:30		(Plenary Room)										
13:00	Exhibit Hall Open											
13:30												
14:00												
14:30												
15:00												
15:30		Networking and Refreshment Break										
16:00												
16:30												
17:00		Welcome										
17:30		Reception										
18:00		Poster Exhibition										
18:30												

Day 4	Thursday		1	3	4	5	6	8	G1	G5	G6	G9
	Exhibit Hall	Plenary Room	Telus 101-102	Telus 103	Telus 104-106	Telus 107	Telus 108-109	Glen 201-202	Glen 203-204	Glen 205	Glen 206	Glen 208-209
7:30		Registration + breakfast										
8:00												
8:30		Opening Keynote										
9:00												
9:30												
10:00		Networking and Refreshment Break										
10:30												
11:00												
11:30												
12:00		Lunch Break										
12:30	Exhibit Hall Open	(Plenary Room)										
13:00												
13:30												
14:00												
14:30												
15:00												
15:30		Networking and Refreshment Break										
16:00												
16:30												
17:00		Keynote +										
17:30												
18:00												
18:30												
19:00 to 21:00		**Gala at the National Music Centre**										

Day 5	Friday											
	Exhibit Hall	**Plenary Room**	**Telus 101-102**	**Telus 103**	**Telus 104-106**	**Telus 107**	**Telus 108-109**	**Glen 201-202**	**Glen 203-204**	**Glen 205**	**Glen 206**	**Glen 208-209**
7:30		Registration + breakfast										
8:00												
8:30		Welcome										
9:00		Opening Keynote										
9:30		Plenary Session										
10:00		Networking and Refreshment Break										
10:30	Exhibit Hall Open											
11:00												
11:30												
12:00		Lunch Break										
12:30		(Plenary Room)										
13:00												
13:30												
14:00												
14:30		Networking and Refreshment Break										
15:00		Closing Keynote										
15:30		Plenary										
16:00		Awards										

Workshop Program – Monday and Tuesday

FOSS4G workshops serve to help attendees explore new technologies and for OS projects to gain more contributors. They are an intrinsic part of any OS conference as they help to foster personal relationships that drive OS software forward.

Calgary is a city built on networking with a common goal in mind. In order to share the common goal to outside contacts, communication is key. Similar to the drivers behind networking in Calgary, OS Software must be able to effectively communicate the intent and goals of the software in order to attract users and developers. Our workshops will follow previous FOSS4G workshop formats as the community finds value in tracks such as Maptime, FOSS4G for Students, Sponsor Sessions and the ever popular Hands-on Technical Sessions. We will bring the Calgary networking and business values to the OS community through an additional track focused on the business applications for OS software.

The workshops will be held at the University of Calgary, which is easily accessible by transit and has enough amenities to help refresh attendees should they need. The smaller workshop sizes (20-30) people will help to foster communication and collaboration for attendees.

WORKSHOP TRACKS

Like previous FOSS4G conferences, the workshops will take place prior to the main conference. The workshops will consist of 20 half-day (morning and afternoon) and 2 full-day sessions each day for a total of 44 sessions. The larger rooms will be available for the more popular workshops while the smaller rooms will allow for deeper dives into the material.

1. **Technical Sessions**

   This track will be used to help educate attendees about specific software or methods.

2. **Sponsor Sessions**

   This track will be used to train attendees on specific sponsored programs and software

3. **Programming**

   This track will expose attendees to the world of spatial programming through languages like R and Python.

4. **Business**

   This track will help attendees with project planning for Open Source, marketing for Open Source and how to approach organizations with an Open Source business model.

5. **FOSS4G for Newcomers**

   This track will help to grow FOSS4G outside of the spatial community. The intent is to show people in other disciplines like marketing and business intelligence the power of geospatial. This track will also be used to learn about the fundamentals of GIS.

The workshops will require attendees to bring their own devices and each attendee will be given an OSGEO-Live USB device containing the software and tools required to run the programs. At the discretion of the presenter, all materials presented at the workshop will be available online after the workshop concludes. A limited number of computers will also be made available for workshops.

Diverse Program Content

The geospatial community is a made up of professionals from a variety of backgrounds. Our CLOC is devoted to building a conference program that will provide educational opportunities and learning for all. Our programs and workshop committees come from a varied cross section of the community and will review abstracts and submissions to ensure a diverse program. These committees hope to utilize the community voting model employed in previous conferences.

Through our CLOC community connections we will reach out to organizations in all sectors including our neighboring First Nation communities. Our program will match our goals of growing the understanding of and contribution to open-source efforts as well as highlighting the successful use of open-source in business. We will create opportunities for community members to present and share their free and open source projects, ideas, and successes.

We will create tracks and seek presentations fundamental to FOSS4G activities:

- Platforms
- Libraries and APIs
- Open Data
- Sensors
- New and existing Open-Source projects

In addition, we will highlight successful applications of open-source technologies and solutions in a variety of areas critical to business as well as civil infrastructure, sustainability, and culture including:

- Transportation
- Autonomy
- Social Sciences and Social Justice
- Environmental stewardship
- Crowd-sourcing
- Open-source entrepreneurialism

Outreach for presentations will explicitly seek contributions from stakeholders in academia with researchers, instructors, and learners at a variety of levels and programs. We will promote the educational initiatives of OSGeo including GeoForAll and encourage inclusion of open-source technologies in local technical programs and faculties.

Business to Business Connections (B2B)

The Calgary FOSS4G 2020 event will include several B2B and networking components throughout the week. Most notably we will create a Business Workshop track to take place during the second workshop day. Hosted at the Telus Convention Centre, this day-long track will feature speakers on business topics, workshops focused on improving business outcomes, and targeted networking for geospatial companies. ncluded in this day will be a focused "match-making" session where the CLOC will bring in local companies who are seeking geospatial solutions and help them connect with international delegates to seek out these solutions. In our experience at events in Australia, New Zealand, and India, these focused events have been successful in creating new and long-lasting business relationships.

The CLOC will also engage the Canadian and Albertan Trade Commissioners' office to assist international companies to make deep and relevant connections into the Albertan and Canadian business sector.

V.II SOCIAL EVENTS

To promote networking and offer attendees the opportunity to meet in informal venues our committee plans to host several social events throughout the conference duration. This will allow delegates to experience some of the Western Hospitality that Calgarians are well known for.

These will include an Ice Breaker event, Welcome Party, an Evening Gala on the second night, and additional optional outings.

Ice Breaker

On the Tuesday evening of the event after the final day of workshops and prior to the start of the conference, the CLOC will be hosting an Ice Breaker event with capacity for up to 1000 delegates at a local downtown brewery, National Beer Hall on 10th. With some of the best barley in the world growing just outside the city, Calgary's craft beer scene is booming. National offers soaring ceilings and a relaxed, intimate atmosphere, 72 beers on tap and extensive bourbon and brown spirit based cocktail menu. Sporting an expansive main hall, eight modern, luxe bowling lanes, five full bars, ping pong and foosball, National on 10th is Calgary's newest interactive entertainment center and a perfect option to get delegates excited and engaged for the event in Calgary.

Welcome Reception

Promptly following the first day of conference programming on Wednesday, there will be a welcome reception in the Pre Function space of the Calgary TELUS Convention Centre. It will be an opportunity for conference goers to connect and engage with one another after the first day of conference content. After the reception, the CLOC along with the local Convention and Visitors Bureau, Meetings + Conventions Calgary have arranged for an optional dine around program, wherein delegates can show their badges at a number of restaurant establishments within walking distance of the centre and receive a variety of discounts. This will further provide delegates with the unstructured space and time to meet and engage with one another.

Gala Evening

On the Thursday evening of the Calgary FOSS4G Conference, there will be a Gala Dinner and Awards Ceremony hosted at the National Music Centre in downtown Calgary. The National Music Centre (NMC) opened on Canada Day in 2016 and has since become an architectural and cultural staple within the city. Studio Bell at NMC, is a centre that preserves and celebrates Canada's music story, while inspiring new generations of music lovers through programming that includes on-site and outreach education programs, performances, artist incubation and exhibitions. The exhibitions that will be open to all gala attendees house over 2,000 rare instruments and artifacts including the Rolling Stones Mobile Studio, the TONTO synthesizer, and one of Elton John's pianos, along with the Canadian Music Hall of Fame and Canadian Country Music Hall of Fame collections.

With the full buyout of this space, guests will have the ability to stroll through all four level of the music centre, admiring art, architecture and Canadian music history while enjoying reception style fair and additional entertainment.

The National Music Centre is mere blocks from the Calgary TELUS Convention Centre and downtown host hotels. Pending available sponsorship, the CLOC plans to subsidize the Gala cost to delegates to the highest extent possible.
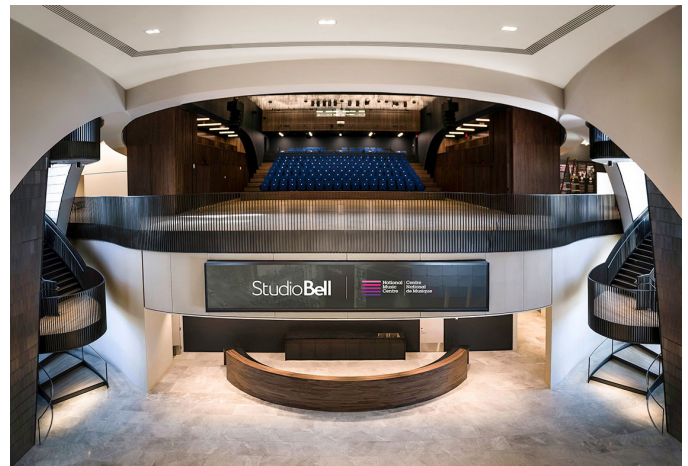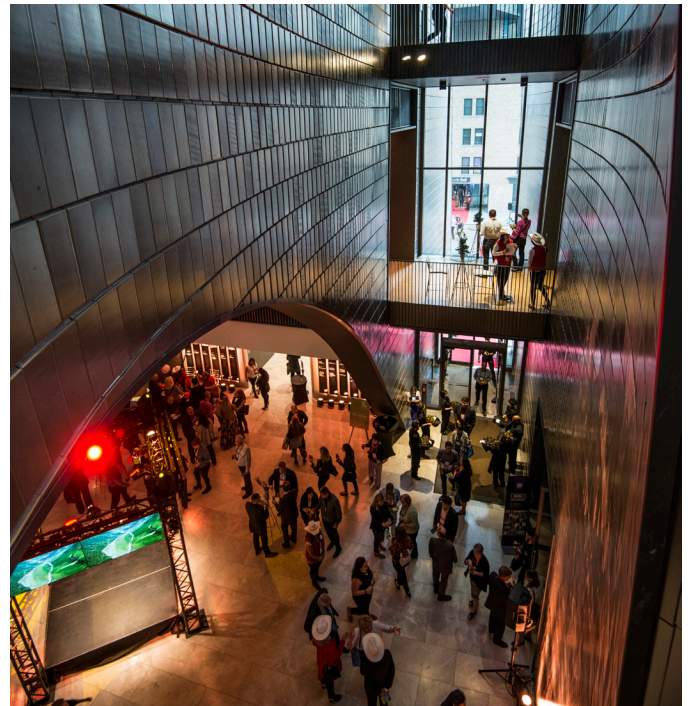
OTHER OPPORTUNITIES

Calgary and the surrounding area offers a host of other opportunities for delegates and their families to experience including the following:

PRE-POST TOUR OPTIONS

Urban Pedal Tours

Urban Pedal Tours is an Alberta based company offering outdoor enthusiasts and adventure seekers a social experience on a 15 passenger U-shaped bicycle. You'll use the power of the pedal to make your way to 3 distinct stops at Calgary's top craft beer taprooms and breweries. Let us guide you and 14 fellow expeditioners on a 2-hr tour to some of the best places to laugh with friends, meet new people and grab a drink

See more at urbanpedaltours.com.

Alberta Food Tours Inc.

Alberta Food Tours Inc. provides first class hospitality and tender loving care of their guests while sharing their passion for the world's best food producers, markets, artisans, chefs and restaurants in a fun manner, whether they are guiding someone on a walking tour in Calgary, Alberta or leading an adventure to the world's most fascinating culinary destinations. Come hungry for food, fun and adventure and take away the gift of discovery and lasting connections in Calgary's bustling food scene.

See more at *albertafoodtours.ca.*

Calgary Half Day City Tour

Spend the afternoon exploring the exciting attractions of Calgary. Start at the Calgary Tower, which features spectacular views of Calgary and the Canadian Rockies as well as a new glass floor attraction. Stop at Fort Calgary; the location of the original Mounted Police post and then visit Heritage Park where the sights and sounds of Canada's exciting pioneer west have been recreated

See more at *banfftours.com.*
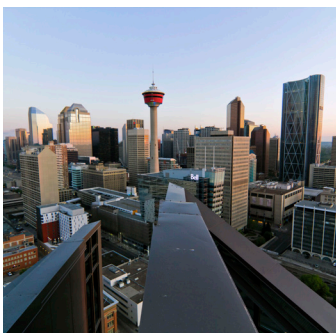
Round the Block Tours

Round the Blocks Tours strives to provide supreme sightseeing experiences for visitors to Calgary and Alberta by offering quality tours at superb values. Whether guests are visiting from near or far, Round The Block Tours aims to make their visit to Calgary and southern Alberta memorable. Every tour is bundled with fun and their staff are dedicated to making the guest's time on their tours exciting and informative.

See more at *www.rtbtours.ca.*

PRE-POST TOUR OPTIONS (CONTINUED)

Banff and the Rocky Mountains

Whether you like your day jam-packed with adventure or prefer a slower pace, a day in the Rockies gives you plenty of options. Just an hour west of Calgary on Hwy. 1, you'll find a hub of cultural, artistic, and outdoor events and activities. There are plenty of fabulous places to stay, eat, and explore in Banff, Canmore and Lake Louise all with plenty of fabulous mountain views, too.

See more at *banfflakelouise.com.*

Banff Lake Cruise with Brewster Travel Canada

This magnificent interpretive lake cruise of Minnewanka and the scenic Canadian Rockies is one hour and provides unique photo opportunities unavailable any where else. Their experienced crew will guide you through this rugged paradise richly steeped in history, native folklore and geology. You will learn about the wildlife and vegetation that inhabit these mountains, the early explorers who named them and the tremendous forces that created them.

See more at *brewster.ca.*

Blackfoot Crossing Historical Park

Blackfoot Crossing, the Historic Site of the signing of Treaty No.7, is of National and International historical and archaeological significance. It is a designated national Heritage Site and is recommended to be a World Heritage Site. The success of the Treaty No.7 Commemoration in 1977 intensified the Siksika (Blackfoot) Nation's vision of building a unique world-class tourist attraction designed to engage visitors in authentic cultural experiences with the Blackfoot people.

See more at *blackfootcrossing.ca.*

Dinosaurs and Badlands in Drumheller

On this journey of Alberta's past, you will travel to the Drumheller region, a unique geographical area which tells a story of glaciers and erosion that formed a fascinating landscape. It is also your opportunity for an experience of a lifetime when you visit world renowned Royal Tyrrell Museum of Paleontology. With ten signature galleries and feature exhibitions that celebrate the spectacular history of life on Earth, you'll be taken away to another time in Alberta's badlands.

See more at *traveldrumheller.com.*

SPOUSAL PROGRAM OPTIONS

Alberta Food Tours Inc.

Alberta Food Tours Inc. will take your clients to some of the city's best eateries on a guided three-hour walking tour. Visit a farmer's market to learn about regionally grown ingredients, or tour restaurants and meet local chefs in one of the city's food focused neighbourhoods. Offered May - October however private tours can be arranged over the winter months.

See more at albertafoodtours.com.

Craft Beer Tour in Calgary

With some of the best craft beer in Western Canada, Canadian Craft tours have partnered with some of their favourite Calgary craft breweries to show you behind the scenes of the local craft beer scene during a 3.5-hour brewery tour. Available for public tours and private tour for groups of 8 or more.

See more at canadiancrafttours.ca

Shop 'Til You Drop at CrossIron Mills

CrossIron Mills is a true destination. Every year, thousands of people visiting Calgary from out of town make CrossIron Mills a must-visit while they're here. If you're among them, make sure to check in at Guest Services when you arrive. Our team will be glad to give you our Welcome Shopping Tote Bag & Tourism Passport to Savings booklet. Designed using our beautiful province of Alberta as inspiration, the exceptional visual elements throughout the centre are brilliant features not to be missed.

See more at crossironmills.com

Spa and Wellness Experiences

There are many ways to enjoy yourself in Calgary, and we heartily recommend checking yourself into one of the city's wonderful spas should you find yourself in need of a little R&R. Not sure where to indulge? Here's a selection of spa experiences in and around Calgary.

R&R Wellness Spa at the Fairmont Palliser, R&R Wellness Spa at Le Germain, Stillwater Spa at the Hyatt Regency, Azuridge Spa at Azuridge Estate Hotel, Kananaskis Nordic Spa