

## WEBSITE AND RSS FEEDS

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## UPCOMING EVENTS

Oct 24	2017 Intelligent Cities Summit (Toronto)
Oct 29	2017 ITS World Congress (Montreal)
Nov 7	Cyber Summit 2017
Nov 17	SC Alliance Board Mtg
Nov 23	Alliance Session at AUMA Convention
Nov 30	Rural Innovation Forum

*\*see Alliance website for event details*

## DID YOU KNOW...

The Government of Canada has announced a national Smart Cities Challenge, with up to \$50 million awarded to a community with a great innovative project?

## STAY CONNECTED

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## MORE DETAILS ON NATIONAL SMART CITIES CHALLENGE

Earlier this year the Government of Canada introduced an exciting new competitive funding opportunity for Canada's innovative communities.

The Smart Cities Challenge (SCC) is expected to focus on outcomes, and to be broad, flexible, and inclusive. Communities will be able to focus on areas of highest needs, relative to transportation, utilities, energy systems, digital infrastructure, social and recreation facilities, emergency services, and more. Innovation and stretch thinking is required. Evidence of stakeholder support and multi-sector partnerships is also emphasized.

In 2016, a similar program was successful in the United States. This Smart Cities Challenge engaged cities with a focus on transportation innovation, and awarded one prize to the top city applicant (Columbus, OH).

The SCC will feature three rounds, multiple winners, and both financial and in-kind support. The first three rounds are expected to include:

- one prize of \$50 million for a large community;
- two prizes of \$10 million for mid-sized communities;
- one prize of \$5 million for a small community; and
- one prize of \$5 million for an indigenous community.

Selection of finalists (and later winners) will be merit based, completed by a jury of 10-15 experts and leaders distributed across Canada. The Alliance also learned that finalists in each round are expected to receive a smaller amount of funding to support the development of detailed applications.

It is expected that full details on the program will be released in November 2017, with first round applications due in 2018. This will be followed by selection of finalists and final application developments.

The Alliance is very supportive of this program, and encourages all Alberta municipalities to identify projects that could catalyze significant and measurable change in their communities.

For more information on the Smart Cities Challenge, visit [Infrastructure Canada's website](#).

## ALLIANCE TO ADDRESS URBAN MUNICIPAL LEADERS AT MAJOR 2017 CONVENTION

On October 16, 2017 all Alberta municipalities elected new leaders, and in November they will gather in Calgary at the Alberta Urban Municipalities Association (AUMA) Convention. The AUMA Convention is the largest gathering of its kind, bringing together thousands of Alberta's urban municipal leaders (from large and small communities) to learn and debate important policy.

On November 23, 2017, the Smart City Alliance has been invited to present at the Convention and inform the audience on the nature and benefits of 'Smart Cities'. During this interactive session the Alliance will dive into a discussion of tangible priorities and projects that could benefit communities around the province.

For tickets or for more information on the 2017 AUMA Convention, visit [www.auma.ca](http://www.auma.ca)

## CITY OF CALGARY 'CIVIC INNOVATION YYC' OFFICE SOLICITS INNOVATIVE IDEAS

Civic Innovation YYC is a program run by the City of Calgary to create new ways for citizens and businesses to share, collaborate and test ideas for improving city services. As part of this effort, the City released a series of challenges it is currently facing. If residents have a good idea and solution that can help, the City wants to hear it.

Some challenges include:

- Storm Pond Sediment - What ideas or solutions might the City of Calgary, industry partners and communities explore to reduce cleaning and disposal costs associated with stormwater ponds?  
*Calgary has over 130 stormwater ponds that provide an invaluable service to its communities. The ponds absorb stormwater run-off during rain events and help to mitigate flooding risks from storms and prevent sediments from flowing into Calgary's creeks and rivers. Over time stormwater ponds fill up with sediment that is costly to remove and there is no current use for the material.*
- Efficient, Innovative and Better City - What is your #1 idea for improving City services? How could they be more simple, efficient or innovative? How could we cut red tape and make it easier to work with us?  
*Are you ready to roll up your sleeves to make this city even more amazing? If so, this is the place to start. Share your solutions that could help us cut red tape and make government more innovative and efficient. We are committed to making life better every day but we need your help to make it happen.*
- An Accessible City - How might we make Calgary the most accessible city in the world?  
*In 2015, Council adopted a notice of motion stating that the City has an obligation to build and promote a city that is accessible to persons of all ages, abilities and incomes. Currently, almost 200,000 Calgarians over the age of 15 will be living with a disability. We challenge you to think broadly and creatively to come up with ideas beyond just improving mobility.*

Calgary's program is a good example of the type of collaboration the Alliance supports within all communities – identifying problems, and seeking innovative solutions! For more: <https://innovation.calgary.ca/>

## ALBERTA WIND ENERGY SECTOR TO DELIVER MAJOR LOCAL INVESTMENTS

A recent report by the Canadian Wind Energy Association finds that if wind energy were to meet 90 per cent of the Government's commitment and if conditions remain favourable, it would result in an estimated \$8.3 billion of investment in new wind energy projects, \$3.7 billion in new spending, and almost 15,000 new jobs by 2030, provided that the province creates the right enabling conditions to build on its existing strengths. The report also estimates the wind industry will contribute \$25.5 million in municipal property taxes and \$13.5 million in land lease payments to Alberta land owners over the same period. The report also suggests that several conditions are required for this growth, including workforce development and training, supportive policy and procurement conditions, and investments in research and innovation.

For more, download the full [Alberta Wind Energy Supply Chain Study](#), authored by The Delphi Group.

## ALLIANCE TO PRESENT IDEAS AT INTELLIGENT CITIES SUMMIT

On October 24-25, 2017, Alliance representatives will attend the 2017 Intelligent Cities Summit to provide comments on Alberta's Smart City efforts. This complements several other recent events at which the Alliance has presented, and is part of the Alliance's efforts to grow awareness and capacity, support implementations, and drive collaboration.

For more, visit the [conference website](#) and attend if you can.

## EDMONTON COMPANY LAUNCHES NEW IOT 'WEATHERBRAIN' TECHNOLOGY

Edmonton-based Campbell Scientific Canada's new Internet of Things (IoT) technology, WeatherBrain, is now available after being launched to a global audience in Amsterdam.

As a global provider of environmental monitoring hardware and systems for nearly 40 years, Campbell Scientific Canada released the platform to simplify weather data analysis for the end user, making it easy-to-use, simple to understand and accessible. WeatherBrain was designed specifically for people who make critical operational decisions that are impacted by environmental factors, and need to understand how environmental data can be leveraged to optimize or positively impact their operations. WeatherBrain users can leverage this IoT analytics platform to effectively put themselves ahead of impending weather events, saving them time, money and resources.

For more on Campbell Scientific Canada, see: <https://www.campbellsci.ca/>

## HAVE YOUR TEAM, PROJECT, NEWS, OR EVENT PROFILED!

The Alliance encourages all members (public and private) to **send us stories and pictures** on your Smart City efforts, projects, research, products / services, etc.

It's easy, and your contributions will be featured (free of charge) each month in "Bits and Bytes" to stimulate awareness and collaboration!