PRESENTATION TO GENERAL COMMITTEE   Feb 5, 2018

Objectives:

❑ Introduce the Smart Cities Challenge program

❑ Share the proposed approach for Markham

❑ Obtain General Committee direction to proceed with the proposed approach for submission

Overview

❑ A competition introduced by the Federal Government in late Nov. 2017

❑ Encourages municipalities, local or regional governments to adopt a Smart Cities approach to find innovative, "out of the box" solutions:

> ➤ to improve the quality of life for residents

> ➤ to address the community's most pressing challenges

> ➤ to achieve real and positive outcomes using data and connected technologies

❑ Requires a consultative process, including public engagement with residents about the most vital issues their community faces

❑ Fosters partnership with businesses, academia and civic organizations to design innovative and meaningful solutions with maximum impact

The Approach

The aim is to achieve meaningful outcomes for residents by leveraging the fundamental benefits offered by **data** and **connected technology**:

❑ *Openness* **-** Open and accessible data makes decision-making processes transparent, empowers citizens and strengthens the relationship with public organizations

❑ *Integration* **-** Data and connected technology empower communities to break down silos that exist within public organizations

❑ *Transferability* **-** Tools and technological approaches that are open-source, transparent and standardized can be used by communities across the country, no matter their size or capacity

❑ *Collaboration* **-** Connected technology enables communities to bring traditional and non-traditional partners together to collaborate

Key Benefits

❑ ***Realize Outcomes for Residents -*** The focus is on achieving outcomes. Communities must measure where they are starting from (baseline), the progress they make and the successes they achieve.

❑ ***Empower Communities to Innovate*** - Communities should take risks and think big, identify significant, pressing, and perceived "un-solvable" problems, and achieve outcomes through data and connected technology.

❑ ***Forge New Partnerships and Networks -*** Communities will need to undertake meaningful engagement with residents and forge relationships with new and non-traditional partners.

❑ ***Spread the Benefits to all Canadians -*** Smart cities approaches should not only benefit a single community; they should be scalable and replicable across Canada.

Challenge Statement - Examples

❑ **Feel safe and secure**

The neighbourhood in our community with the highest crime rate will become safer than the national average.

❑ **Move around my community**

Our community will ensure that every senior who is able to live independently at home is empowered to do so.

❑ **Enjoy a healthy environment**

Our community will implement preventative measures to reduce flood damage risk by 40 percent and provide every resident of at-risk areas with access to these measures.

Source: https://impact.canada.ca/en/challenges/smart-cities

Submission and Awards

Competition is open to all municipalities, local or regional governments and Indigenous communities (First Nations, Inuit, and Métis) across Canada.

There are 3 prize categories for submission:

➢ **One prize of up to $50 million** - open to all communities, regardless of population
➢ **Two prizes of up to $10 million** - open to communities with populations < 500,000
➢ **One prize of up to $5 million** open to all communities with populations < 30,000

A community, or a group of communities, can only submit one application.

Aboriginal submissions & future round of competitions are still in the works.

Communities that make it to the finalist (shortlist) stage will be supported by a $250,000 grant to develop their final proposals.

Selection Process and Timeline

Depending on the nature and scope of the final proposal, the implementation phase is expected to span between 2-5 years.

Payments will be made to winning communities once projects attain key milestones that demonstrate progress towards outcomes.

Throughout implementation, winners will maintain close contact with Infrastructure Canada.

BUILDING **MARKHAM'S** FUTURE TOGETHER
2015-2019 Strategic Plan

MARKHAM

Markham's Proposed Next Steps

❑ Identify 'key challenge/s' of the community: - by early March, 2018

  ➢ Review and capture key areas of opportunities from previous engagement activities with Markham residents, business and community stakeholders (e.g. BMFT, Digital Markham focus groups, online forum and catalyst workshops) – by Feb 2, 2018

  ➢ Conduct further consultation/community engagement activities (online survey, focus groups/workshops, etc.) using the ideas identified above as a starting point for discussion. Expand/develop existing ideas and identify new ones - by Feb 24, 2018

  ➢ Select and develop several "finalist" challenges that require a solution. Select the most appropriate and clearly define it – by March 3, 208

❑ Identify potential partners & formulating innovative solution – by March 16, 2018

❑ Presentation to GC on the final proposal – March 26, 2018

❑ Make a submission – April 24, 2018

Recommendations

- ❑ THAT the Smart Cities Challenge presentation be received; and

- ❑ THAT Staff be directed to proceed with the proposed approach; and

- ❑ THAT Staff report back to General Committee on the proposal for submission to the Smart Cities Challenge.