

# Infrastructure Canada's SMART CITIES CHALLENGE

## What is the Smart Cities Challenge?

- A grant competition run by Infrastructure Canada open to all municipalities, local or regional governments and Indigenous communities in Canada
- This Challenge will empower communities across the country to address local issues their residents face through new partnerships, using data and connected technology.

## What are the prizes?

- One prize of up to \$50 million
  - Open to all communities, regardless of population
- Two prizes of up to \$10 million each
  - Open to all communities with populations under 500,000 people
- One prize of up to \$5 million
  - Open to all communities with populations under 30,000 people

*Nanaimo is eligible to apply in **either** the \$50 million **or** \$10 million prize category*

# Challenge Statement and Solution

- Must be defined, measurable, ambitious and achievable.
- Involve working with citizens and community agencies and organizations.

**Community  
input sought  
via: [nanaimo.ca](http://nanaimo.ca),  
news release,  
social media**

Two themes emerged:

1. Addressing Nanaimo's Housing Crisis
2. Supporting Nanaimo's Active Transportation Evolvment

# Nanaimo's Housing Crisis

## Challenge Statement

Increase citizen safety and security and enhance the quality of life for all residents by facilitating real time access to housing, services, resources and supports.

## Summary:

- Online application where social service organizations can share information in real time with each other and with vulnerable individuals.
- Install outdoor interactive kiosks in strategic locations where those without resources can have 24-hour access to the information noted above.



*Strategic Link: **Community Building Projects*** which aims to build action partnerships around complex issues that demand a cooperative and coordinated response.

# Active Transportation



## Challenge Statement

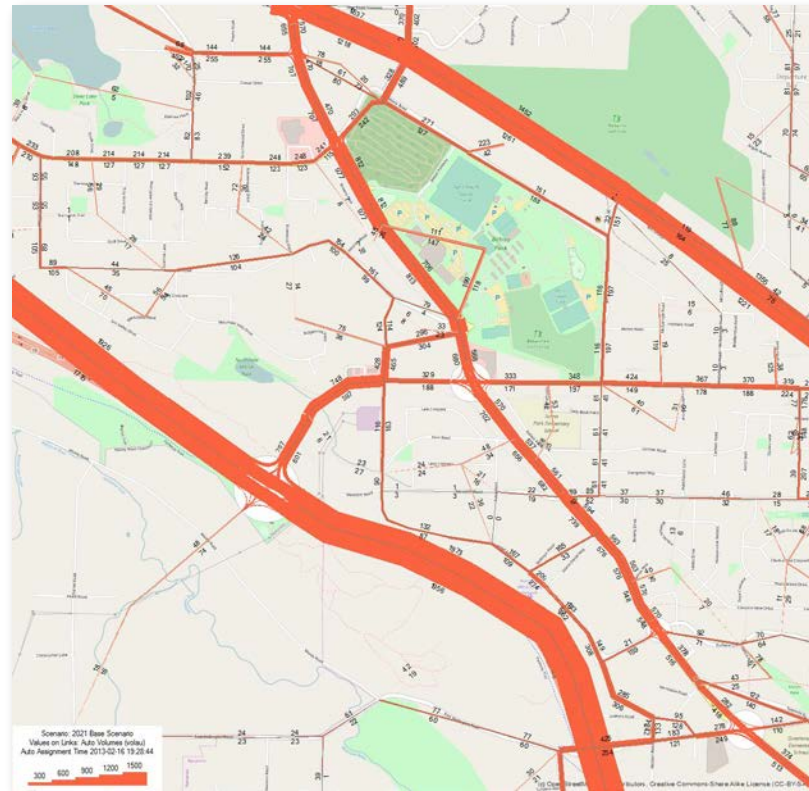
Double active transportation trips (bike, walk and transit) by 2041.

## Summary

- Use smart technology to develop a data collection system to track active transportation movements throughout the City.
- Provides staff with the tools to make better decisions when planning infrastructure upgrades.

*Strategic Link:* **Transportation and Mobility** which aims to reduce dependency on vehicle, to integrate land use, and for mobility planning.

# Vehicle Data Flow Map





# Process and Timeline

