SMART CITY STRATEGY

'Smart City' is a notion used by technologists, urbanists and economists around the globe connecting a wide variety of related concepts, initiatives and outcomes. To some, a Smart City refers to a technology intensive city where the Internet of Things, robots, autonomous vehicles and drones play a significant role in delivering efficient and effective services to citizens. To others, a Smart City refers to an innovation ecosystem where technology is leveraged to improve the relationship between citizens and their government, to enable social innovation and to improve the quality of life.

Edmonton's Smart City Strategy outlines the City's commitment to "[ensuring] we are using technology and information to enable an exceptional quality of life" through an innovative, connected ecosystem of government, academia, citizens and industry.

THE CITY PLAN
Building Blocks

The City Plan considers what our city will look like at 2 million people. To get there, new information will be gathered over the next two years. But it will also rely on much of the work and policies that have recently been completed or are currently advancing. These important pieces of work will form the building blocks of the City Plan, the foundation to support us as we move towards a new view of our city.

MISSION STATEMENT

Edmonton will create and nurture a resilient, livable and workable city through the use of technology, data, and social innovation into nine steams, as shown to the right.

Under the three goals of Resiliency, Livability and Workability, the Smart City Strategy identifies a number of initiatives in place which are already helping to deliver on these goals. See below for a small sample of these initiatives.

GOAL #1

RESILIENCY

A municipality that is resilient is adaptive, well-planned and flexible – one that can withstand external shocks such as economic crises, epidemics, congestions, transport breakdowns, and environmental pollutions.

SAMPLE INITIATIVE
OPEN DATA
The award-winning Open Data Portal (data.edmonton.ca) provides citizens access to trustworthy and usable datasets from the City's vast stores of municipal information.

GOAL #2

LIVABILITY

A municipality that is livable is one in which citizens are healthy, engaged with their community and actively minimize their environmental footprint.

SAMPLE INITIATIVE
EDMONTON ARTS COUNCIL
The Edmonton Arts Council is a not-for-profit organization that supports and promotes the arts community in Edmonton. The EAC works to increase the profile and involvement of arts and culture in all aspects of our community life through activities that:
- Invest in local festivals, arts organizations and individual artists
- Build partnerships and represent Edmonton's arts community to government and other agencies and provide expert advice
- Initiate projects and create awareness of the quality, variety and value of artistic work produced in Edmonton

GOAL #3

WORKABILITY

A municipality that is workable is one that connects its citizens through advanced transportation and mobility, broadband connectivity, educational institutions and smart infrastructure.

SAMPLE INITIATIVE
AUTONOMOUS VEHICLES
The City of Edmonton is undertaking an autonomous vehicle strategy so that when the technology matures, the City is prepared. It is anticipated that automated technology could be integrated into the transit system and shared fleets in addition to the spread of privately owned autonomous vehicles.

WHAT WILL THE
SMART CITY STRATEGY ACHIEVE?

INCREASE ECONOMIC DEVELOPMENT
Uniting many City initiatives under a single "Smart City" brand offers significant value for citizens, investors, and visitors.

ADVANCE EDMONTON'S OPEN CITY PHILOSOPHY
Allowing Edmonton to fulfill its role as a preeminent global city which is innovative, inclusive and engaged.

DELIVER EFFICIENT AND EFFECTIVE PROGRAMS AND SERVICES
Allowing the City to improve the efficiency of services provided by leveraging data, information and analytics.

WHAT'S NEW ABOUT THIS APPROACH?

As opposed to a traditional government centred approach, Edmonton's Citizen centric Smart City Strategy will create a unified experience for citizens as they benefit from efficient and effective city services.

TRADITIONAL MODEL
GOVERNMENT CENTRED

VS.

SMART MODEL
CITIZEN CENTRED

Health
Police
Waste
Emergency Services
Water

CITY OF EDMONTON

Agencies
Infrastructure
Transit
Energy
Recreation

CITIZENS AND BUSINESSES

CITIZENS AND BUSINESSES

**AGENCIES   LOCAL GOVERNMENT
OTHER GOVERNMENT**

Health
Police
Waste
Emergency Services
Water

Agencies
Infrastructure
Transit
Energy
Recreation