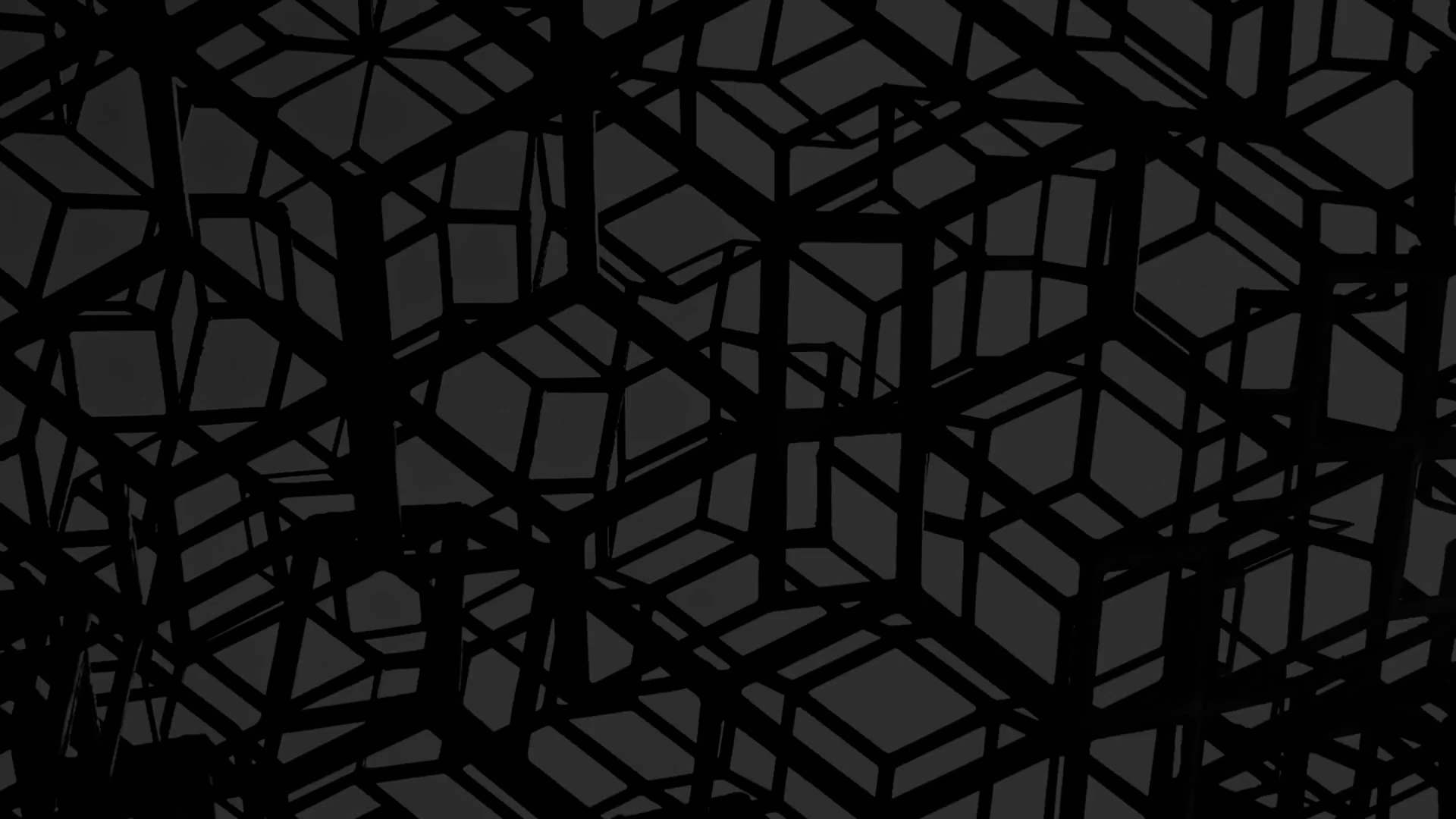


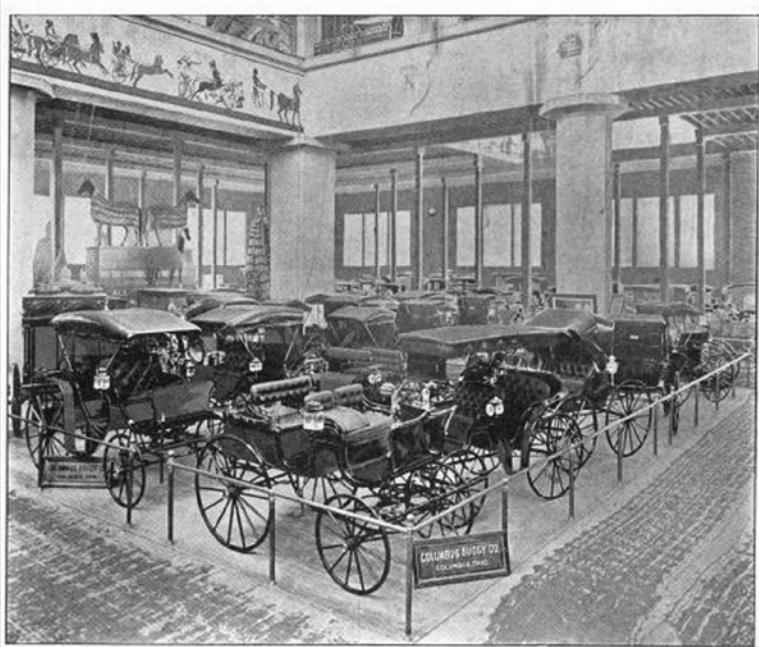
SMART COLUMBUS OVERVIEW







**WE'VE
BEEN HERE
BEFORE.**



BUGGY MANUFACTURING CAPITAL

PHOTOGRAPH OF EXHIBIT OF COLUMBIA BUGGY COMPANY, TRANSPORTATION BUILDING, WORLD'S FAIR.

PHOTOGRAPH OF EXHIBIT OF COLUMBIA BUGGY COMPANY, TRANSPORTATION BUILDING, WORLD'S FAIR.







**OUR OPPORTUNIT
TO TRANSFORM.
YEARS IN
THE MAKING.**

VISION STATEMENT

Our goal for the future

**TO BE THE
MODEL FOR
CONNECTED
CITIES OF
THE FUTURE**





MISSION STATEMENT

What we want to do now

**TO
ACCELERATE
HUMAN
PROGRESS
THROUGH
OPEN
MOBILITY**



**SMART CITY
INITIATIVE
FOR THE
COLUMBUS
REGION**

NEW URBAN PLAN FOR THE CITY OF THE FUTURE



78

MID-SIZE CITIES RESPONDED TO THE
US DEPARTMENT OF TRANSPORTATION'S SMART
CITY CHALLENGE

7

WORLD CLASS
FINALISTS

COLUMBUS

AUSTIN

DENVER

PORTLAND

PITTSBURGH

KANSAS CITY

SAN FRANCISCO

COLUMBUS WON THE MANDATE TO BECOME THE MODEL



WE WON
\$50 MILLION



\$40 M



\$10 M

TO BECOME THE
TEST CITY FOR SMART CITIES

BY DEPLOYING A
COMPREHENSIVE TECHNOLOGY
PLAN THAT PUTS PEOPLE FIRST

AND WE'LL DO IT
THE COLUMBUS WAY

\$90M
JUNE 2016



\$500M
TODAY



\$1B
2020

PROJECT WORK PLAN

THE COLUMBUS[★] WAY



**OUR
FOUNDATION.
BUILDING
BLOCKS FOR OUR
FUTURE.**



**OUR CITY
AS LIVING
LABORATORY.
TEST, LEARN,
ITERATE.**



**OUR NEW WAY
OF LIFE.
EMBRACE
THE CHANGE.**



OUR FOUNDATION. BUILDING BLOCKS FOR OUR FUTURE.

OPEN DATA PLATFORM

Shared data will power applications and solutions for multimodal trip planning, mobile fare payment, parking location, and more – all working to make life easier.



GRID MODERNIZATION

Modernize the electric grid through utility scale renewables. Improve efficiencies and deploy smart meters. A joint effort of AEP and the city.

CHARGING STATIONS

Install new charging stations on corporate campuses, public streets, and in residential developments, to help make electric vehicles the easy choice for individuals and businesses in Columbus.

CONNECTED VEHICLE ENVIRONMENT

Connect 3,000 vehicles on the road, including installing pedestrian detection and collision avoidance technology on COTA buses.

OUR CITY AS LIVING LABORATORY. TEST, LEARN, ITERATE.

AUTONOMOUS VEHICLES

We will be demonstrating connected, autonomous, shared electric shuttles at Easton to help people move within the retail corridor. This will also extend our public transit services, taking people who work there directly to their jobs.

TRUCK PLATOONING

Columbus will demonstrate what the future of logistics could look like by electronically coupling long-haul trucks with sensors.

LADDERS OF OPPORTUNITY

Linden will be the first neighborhood where we will reverse the mistakes of the past by using technology, new mobility services, and smart urban planning to create ladders of opportunity, ensuring all Columbus residents have a place in our future.

OUR NEW WAY OF LIFE. EMBRACE THE CHANGE.

ELECTRIC VEHICLE ADOPTION

We will aggressively grow the electric market in Columbus: add them to public and private fleets, secure a supply of new and used models, prepare dealers and service people, and educate consumers.

INTEGRATED SOLUTIONS & SEAMLESS USER EXPERIENCE

Simple, integrated solutions will create a much friendlier user experience: to navigate, plan routes, and pay fares with different modes of transport, from pick up to parking.

MULTIMODAL OPTIONS

To decrease our high dependency on personal ownership, we'll bring people on board to grow our ecosystem with more options, including improving existing services and adding new services that address more needs throughout the region.

THE JOURNEY AHEAD FOR SMART COLUMBUS.

Today

Current State

Many projects are underway that contribute to Smart Columbus. e.g., USDOT, Vulcan, other private, public, and academic sector projects

Smart Columbus Initiative

- Deliver on grant projects
- Coordinate and Integrate
- Build the platform

2020

Smart Columbus Platform

The groundwork is laid for future transformation and early indicators of impact are visible.

Smart Columbus Transformation

2025+

Future State

Fulfilling the mission and achieving the vision and goals of Smart Columbus.

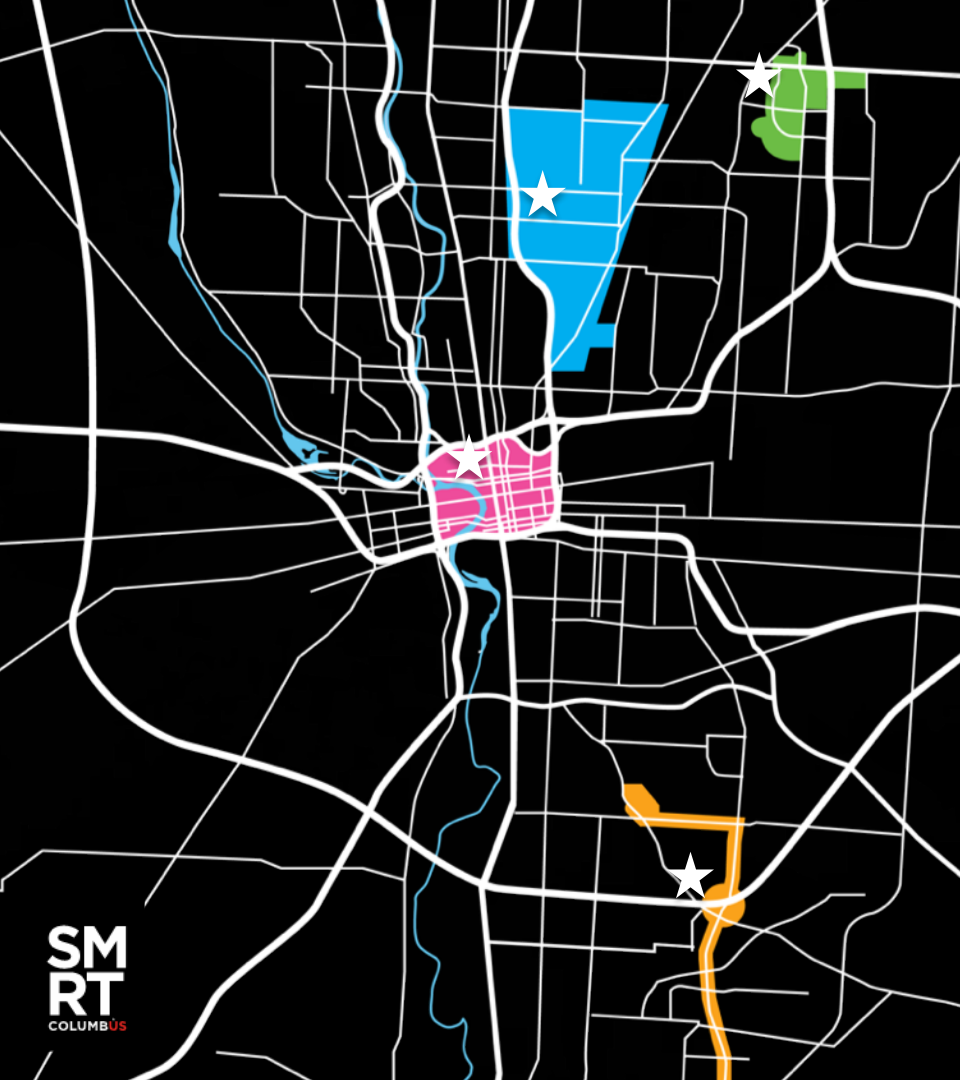
DRIVE ECONOMIC GROWTH

IMPROVE QUALITY OF LIFE

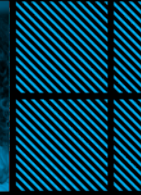
FOSTER SUSTAINABILITY

IMPROVE SAFETY

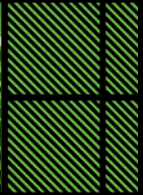




DISTRICTS



**RESIDENTIAL
DISTRICT**



**COMMERCIAL
DISTRICT**



**DOWNTOWN
DISTRICT**



**LOGISTICS
DISTRICT**



X4

**Increase in
EV ADOPTION
0.38% of new car sales
to 1.8% by 2020**



**800 new EVs in FLEET
OPERATIONS
Combined Public and
Private**



**Exponentially Expand
CHARGING
INFRASTRUCTURE**
Public
Residential
Workplace