



COLORADO SMART CITIES
ALLIANCE

WELCOME



**Civic Lab - Cybersecurity
Cherry Creek Innovation Campus**





CHERRY CREEK
INNOVATION CAMPUS



MAYOR STEPHANIE PIKO - CITY OF CENTENNIAL



Security is everyone's problem

As communities become more connected, security becomes more important

Primary targets: Governments, schools, critical services

Goal: highlight the problem and surface *actionable* solutions

We've assembled security straight-shooters here to help

370

Governments attacked in two years

47

States

150% ^

In government attacks in two years

AGENDA

Alliance Business and Growth

Civic Innovation Challenge Proposal Presentations

Cyber Threats and Challenges

Cyber Innovation and Solutions

Lunch (Catered by CCIC Students)

Campus Tour





ALLIANCE UPDATES

2020 POISED FOR GROWTH

WE'RE HIRING

Program Director

Engagement Coordinator

Applications due February 28th



NEW MEMBERS

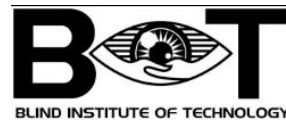
GOVERNMENT



BUSINESS



STRATEGIC



GOVERNMENT MEMBERS



BUSINESS MEMBERS



Hitachi Vantara



UrbanLeap



ACADEMIC, RESEARCH, STRATEGIC



University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus



UNIVERSITY of
DENVER



PHILANTHROPIC MEMBERS



**GARY
COMMUNITY
INVESTMENTS**



EVENTS

[Humanizing Data Workshop](#) with Chrysalis Partners

February 27-28

Centennial, CO

Thrive Workplace

Alliance members will receive a 25% discount using the code: CSCA



EVENTS



MARCH 12-13, 2020
DENVER MARRIOTT WEST

INFRASTRUCTURE & INNOVATION SUMMIT & SHOWCASE 2020

EDUCATION | COLLABORATION | SOLUTIONS

Presented by:



In partnership with:



COLORADO SMART CITIES
ALLIANCE



COLORADO
Department of Transportation

Discounted Rate: Partner20
Single Day: Partner1day

EVENTS



**SMART CITIES
CONNECT**
SPRING CONFERENCE & EXPO

co-located with



**April 6th-9th
Denver, CO**

15% off code = 20COSCA15

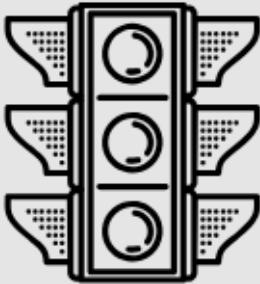


EVENTS

Spring Civic Lab

Early May

Finalizing venue, agenda



1

MOBILITY

The safe and efficient movement of people and goods is the #1 challenge cited by Alliance cities as ripe for innovation.

First/last mile - ITS - Electric Vehicles - Safety - Multimodal - Data and Integration



DISCOVERY RESEARCH



- Done



- Research conducted and analyzed with 14 public members over two years
- Library of challenges, projects and interests shared amongst Alliance
- You're doing smart things - let's do them together

500+ projects

26 categories



- Public Members



- Non-Public Members



- Alliance Staff

CIVIC INNOVATION CHALLENGES

Problems in need of solutions - not the other way around



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2 CIVIC ENGAGEMENT + CONNECTIVITY

New ways of engaging and connecting citizens is the second most prominent issue cities are looking to improve.

Communication - Connectivity - Service Delivery



3 PUBLIC SAFETY

Cities are looking at new technologies to improve public safety, prevent or mitigate emergencies, and hasten responsiveness.

Public Spaces - Emergency Management - Coordination



4 DATA

Cities are both drowning in data and suffocating without it. Colorado is looking for solutions that help secure data from modern threats like ransomware, better organize and share data they have, and turn data into intelligence for better decision making.

Security - Sharing - Analytics



5 UTILITIES

From water to energy, Colorado's growing cities need more sustainable, efficient, and resilient resource systems. Utilities can leverage technology, innovation and partnership to better manage our precious resources.

Sustainability - Resilience - Smart Metering - Water



6 HOUSING

Colorado's a great state, and people know it. Our growth is creating significant affordability and homelessness issues that cities are looking for new ideas to handle.

Affordability - Homelessness





WHAT IS THE SOLUTION?

DEPLOYMENT BOARD

Colorado's front door to government innovation

- A network of innovative governments that will invite and select smart cities solutions for testing in their communities
- All Alliance government members are invited to participate
- A structured process for identifying new project opportunities
- A platform to monitor, share and evaluate success of projects from start to finish



READY FOR LAUNCH

2 years of research

1 year of planning

2 Civic Lab Presentations

20 governments trained in **2** workshops

1 webinar



IDEA SUBMISSION IS OPEN

1st Round Submission deadline = March 13th



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Who can submit?
Any Alliance member

How to apply?
“Idea Submission” page on our website



IDEA SUBMISSION FORM

Not arduous, but detailed enough

- **Solution Overview**
 - Problem statement
 - Solution description
 - How is it innovative/new? (don't sell me off the shelf products)
 - Replicable, scalable
 - Risks
 - Scope
- **Outcomes**
- **Resources**
- **Project team and qualifications**



- Public Members



- Non-Public Members



- Alliance Staff

EVALUATION

Quantitative, universal scorecard that aligns with submission questions

Scoring of 1-5
Weighting of 1-3
Total score of 100



- Public Members



- Non-Public Members



- Alliance Staff

SELECTION

After evaluation is a choice: accept or shelve

“Accept” simply means there are governments interested in exploring how to implement the idea. Highly scored ideas would be selected, or accepted, to move to the next phase.

All governments and relevant staff interested in testing the idea would be invited to a meeting with the proposer to discuss how to implement the idea further.

Alliance would facilitate a lead government to move forward with developing a scope to test the solution. Other interested governments would either contribute to scoping or follow along in UrbanLeap as the project progresses.



- Public Members



- Non-Public Members

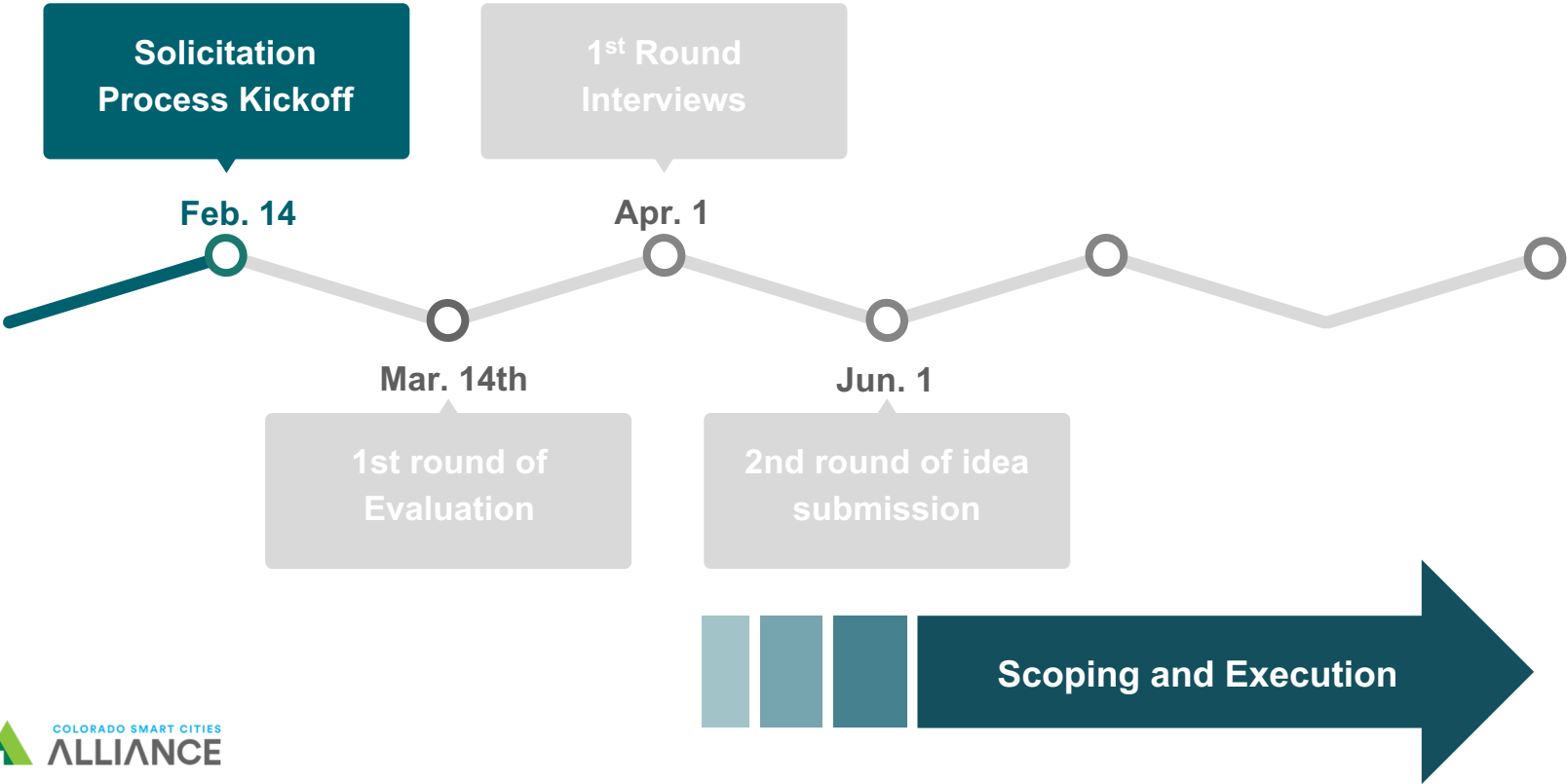


- Alliance Staff

HOW IS THIS BETTER or DIFFERENT?

- Aggregates demand and capacity for solutions = attracts investment and talent
- Connects silos, inspires innovation
- Path of least resistance - where are the resources, champions, expertise, use cases for testing this most effectively?
- Opportunity for scaling or replication
- Collective learning - not every city has to try everything!
- Promotes healthy competition





EARLY SUBMISSION PRESENTATIONS





THANK YOU