COLORADO SMART CITIES
ALLIANCE

Smart Topics Webinar

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AGENDA

COLORADO SMART CITIES
ALLIANCE

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Cityworks®
Empowering GIS

DENVER
THE MILE HIGH CITY

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Innovative Mobility
City and County of Denver
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INNOVATION AND SMART CITIES

"Don't look for a great idea. Look for a good problem."

The best ideas come in response to an important problem and thrive under constraints

-Greg Satell, Inc Magazine

DISCOVERY RESEARCH

DISCOVERY RESULTS

Problems in need of solutions - not the other way around

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

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.
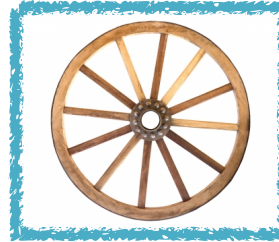
Affordability - Homelessness

INNOVATION BARRIERS

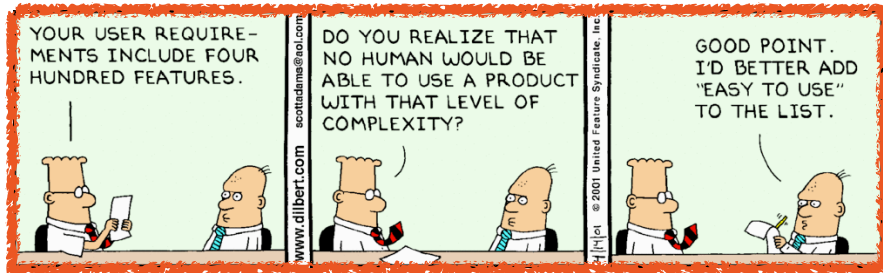Why the Deployment Board matters

INNOVATION BARRIERS

Government

- Too many vendors, or too few
- Scarce resources, staff
- Ignorance - what's out there?
- Unconnected silos stifle solutions
- Who is doing what - recreating the wheel
- Few regional solutions for regional problems

INNOVATION BARRIERS

Problem

Pilot

Industry

- No efficient way to find willing city partners

- Pilots with no scale, recreating the wheel each time

- RFP requirements may limit innovation and ability to co-create

- Confusion about broad smart cities' priorities, needs - no landscape perspective

WHAT IS THE SOLUTION?

An overview of the Deployment Board

WHAT IS THE 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

HOW DOES IT WORK?

There are three parts to the Deployment Board
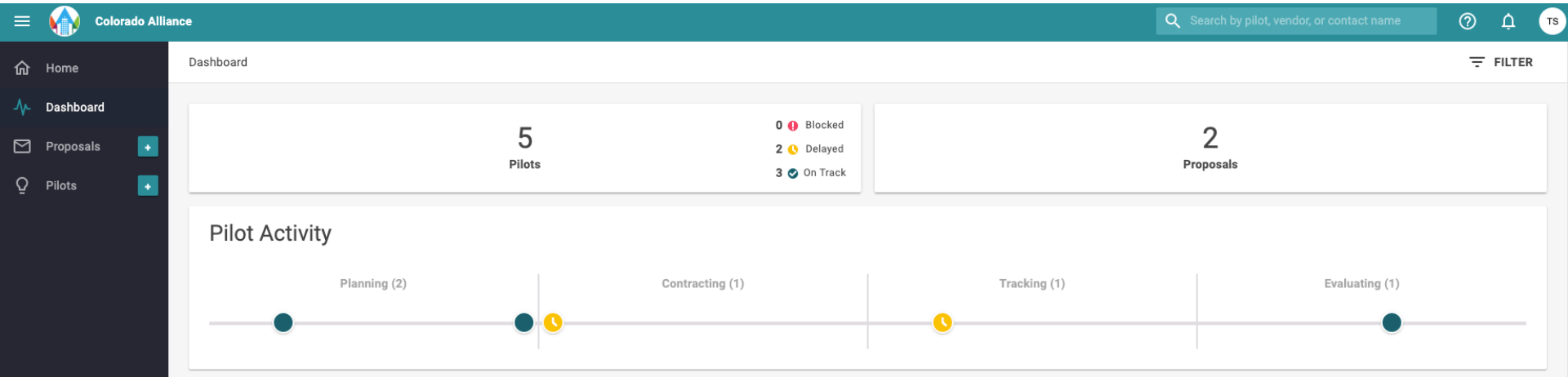
1.Network

2.Process

3.Platform

1. NETWORK (THE ALLIANCE)

2. PROCESS FLOW

Discovery → Intake → Execution → Evaluation

3. PLATFORM

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

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

NEXT STEPS

Government Workshop #2
Friday, January 31st
12:00pm - 4:00pm
Register by January 27th

LAUNCH - Applications open
Civic Lab - February 14th
Cherry Creek Innovation Campus
Member-only registration

THANK YOU