Working Group

April 4, 2023

Quick Notes about the Meeting

- **Please add your agency affiliation to your name**. (Right click on your name and "Rename" to include agency)
- Everyone has the ability to unmute and/or show video, if we're hearing feedback, you may be muted.
- Feel free to use the chat box.

….and now quick introductions!

Agenda Snapshot

Informational Briefings
CDOT OIM Grant Updates

Discussion
DRCOG's Innovative Mobility Set Aside

Partner Agency Updates and Other Matters

Next Meeting

In person at the DEN Airport

CDOT OIM Grant Updates

John Marcantonio, CDOT

Andy Geleske, CDOT

The Office of Innovative Mobility:
Innovative Mobility Grant Awardees

> *Reduce pollution in our air and congestion on our roads by expanding multimodal transportation options using traditional and emerging mobility technologies.*

Transit & Rail | Mobility Services | Mobility Technology | Electrification
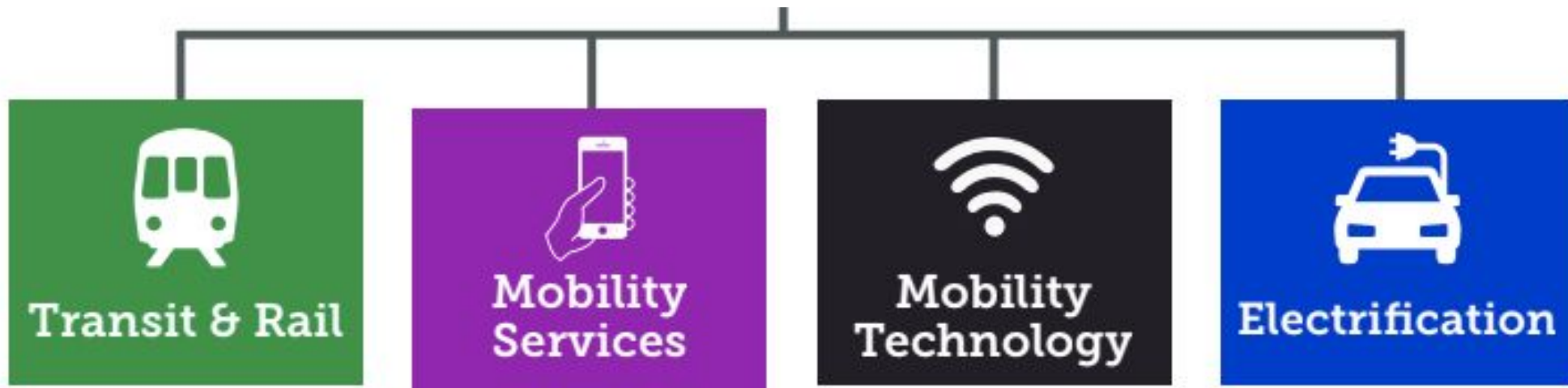
- To help stakeholders with financial assistance to implement programs and projects to support the goals and objectives of the Office of Innovative Mobility's core mission

Reduce pollution in our air and congestion on our roads by expanding multimodal transportation options using traditional and emerging mobility technologies.

- This one call for projects encompasses funding and opportunities from OIM's Mobility Services, Electrification & Energy, and Mobility Technology Programs

TDM Seed Funding Grants

- Providing resources for new TMOs and TDM programs to form in currently underrepresented areas of the state.

TDM Innovation Grants

- Incentivizing innovative ideas that reach new audiences or address gaps in current practice.
- Scaling up existing best practices to expand their impact.

Grant	Individual Award Size	Applications Received	Applications Awarded	Funded Amount
Transportation Management Organization (TMO) Seed Funding Grant	$100,000	2	1	$100,000
Transportation Demand Management (TDM) Innovation Grant	$20,000-$50,000	24	11	$517,400

TDM Innovation Grant Awardees

Award Winner	Project Title	Project Summary
City of Durango	Durango's TDM Upgrade: New Platform and Incentives	Adopt a full TDM service software platform and launch an e-bike program.
Town of Vail	Shift Bike - Electric Bike Share Program Expansion	expand shared bike program to include more of Eagle County.
Commuting Solutions	Local Government TDM Ordinance Preparation	Develop TDM ordinance language, TDM land use/development consulting services and support elected official approval of a TDM ordinance.
City of Fort Collins	Paratransit Passenger Scheduling Portal	Develop and implement a 24/7 paratransit scheduling portal
City and County of Denver	Shared Micromobility Programmatic Framework	Create a strategic framework for the future of Denver's micromobility program.
Colorado "I Have a Dream" Foundation	Colorado "I Have A Dream" Foundation - Transportation Initiatives	Provide unique, safe, reliable, environmentally friendly, and cost-effective solutions for youth transportation
City of Fort Collins	City of Fort Collins - FC Moves	Pilot subsidized carpool/vanpool programs
Auraria Higher Education Center	Exploring Effectiveness of an Innovative Pilot TDM Program for Students at the Auraria Campus	This project focuses on changing commute behavior for students at the Auraria Campus using a pilot Transportation Demand Management (TDM) program.
I-70 Coalition	TDM Video Production & Spanish Language Resources	Produce five TDM videos that educate the audiences on I-70 mountain corridor state/regional/local transit options and I-70 travel tips with one video in Spanish. Create a new web page on GoI70.com that provides I-70 travel information and travel tips in Spanish.
Summit County Colorado and Partners	Multi-Agency Local/Regional Microtransit Feasibility Study	Commission a Microtransit Feasibility Study
Northeast Transportation Connections	Central Park Bike Lockers	Provide multiple smart bike lockers to expand on the current bike locker network

TMO Seed Funding Grant Awardee

Award Winner	Project Title	Project Summary
North Front Range Metropolitan Planning Organization (NFRMPO)	US-34 Transportation Management Organization (TMO)	Develop a Transportation Management Organization along the US 34 Corridor

POC: John Marcantonio

ZEV Workforce Development

- To increase training for clean transportation jobs and workers, specifically for disproportionately impacted communities
- To ensure an adequate workforce to deploy and maintain ZEVs and ZEV infrastructure, including transit ZEV workforce development
- To ensure an inclusive, equitable, and accessible workforce transition and provide benefits to disproportionately impacted communities

E-Mobility Education and Awareness

- To provide educational and awareness programs to educate the public including EV Ride and Drives and EV showcases
- To support grassroot organizations in accelerating electrification efforts
- To deliver STEM education on the benefits of ZEVs, including support for K-12
- To increase ZEV knowledge within disproportionately impacted communities

Grant	Individual Award Size	Applications Received	Applications Awarded	Funded Amount
Zero-Emission Vehicle (ZEV) Workforce Development Grant	$20,000 - $100,000	16	8	$750,332
E-Mobility Education and Awareness Grant	$20,000 - $100,000	7	3	$289,567

ZEV Workforce Development Grant Awardees

Award Winner	Project Title	Project Summary
Arapahoe Community College	ACC Electric Vehicle Safety, Operation, and Diagnosis	Curriculum implementation of the ASE course at ACC
Colorado State University (State Related Institution of Higher Education)	ZEV Manufacturing and Engineering Workforce Development	Curriculum development for engineers, manufacturing,and management staff
Drive Clean Colorado	EV Safe Tech (EVST)	Provide High Voltage Safety training and certification for current automotive technicians
Pickens Technical College	Expanding Capacity and Engaging Community through ZEV Pilot Programming	Curriculum implementation of the existing high voltage training course for Pickens instructors
Roaring Fork Transportation Authority (RFTA)	RFTA Zero Emission Vehicle (ZEV) Safety & Training Program	EV Fleet training for transit agency
TACT (Teaching the Autism Community Trades)	TACT EV Program	Curriculum development and implementation for students with autism
University of Colorado Colorado Springs Public Institute of Higher Education	Cybersecurity Training Lab for Zero Emission Vehicles	Establish a cybersecurity-focused ZEV training lab and workforce development program at UCCS
Warren Tech	Warren Tech ZEV Workforce Project	Curriculum implementation of the ASE course at Warren Tech

POC: Sina Zhen

E-Mobility Education and Awareness Grant Awardees

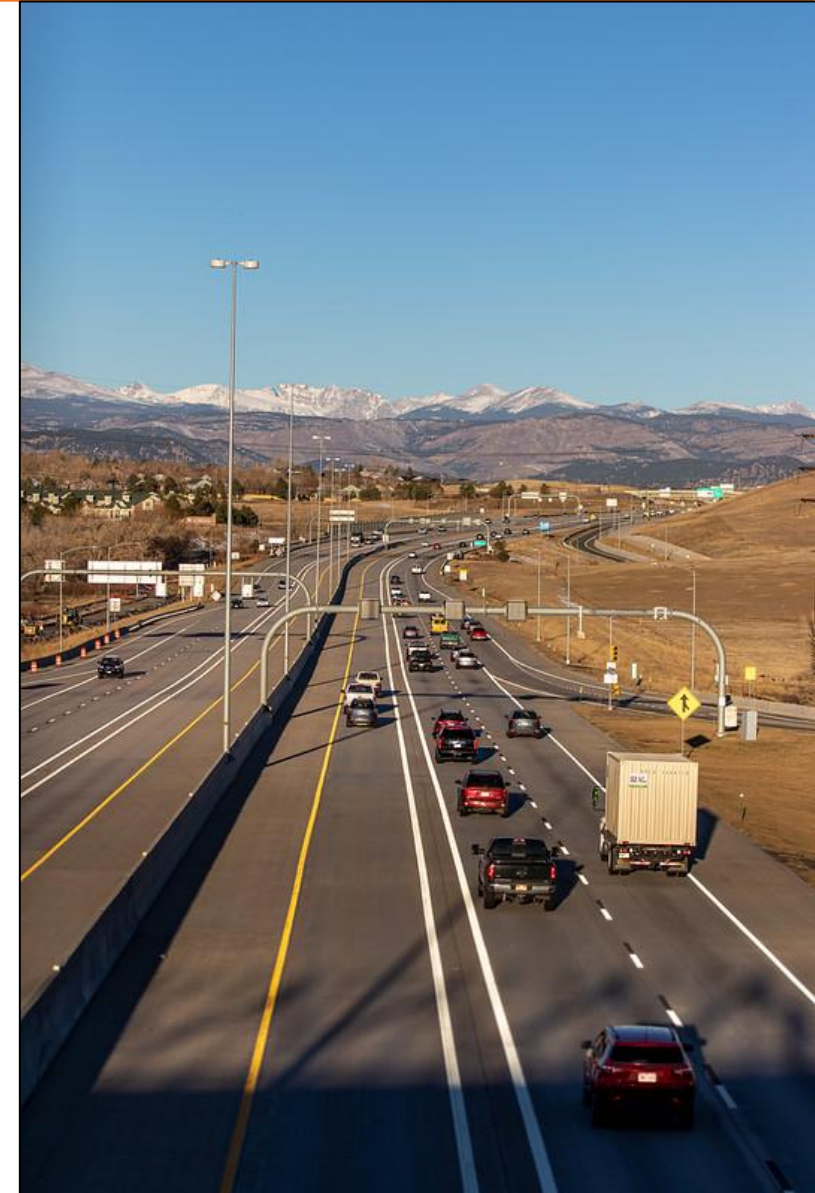| Award Winner	Project Title	Project Summary
Four Corners Office for Resource Efficiency (4CORE)	Ute Mountain Ute Tribe E-Mobility Education and Awareness	E-mobility education and awareness program for the Ute Mountain Ute Tribe (UMUT) located in Towaoc, Colorado
Drive Clean Colorado (DCC)	Drive Electric Colorado	Expand Drive Electric Colorado consumer-facing EV events such as ride and drives, showcases, workshops, and other community-centered events
Integrated Teaching and Learning Program, Pre-College Engineering Education, College of Engineering & Applied Science, University of Colorado Boulder	Pre-College Explorations Into Electric Vehicles and Wireless Charging	Engaging Colorado's youth in learning about EVs and EV wireless charging

POC: Sina Zhen

Deployment of Roadside and On-Board Units in Local Jurisdictions

- CDOT will provide a one-time gift of up to 10 Roadside Units (RSUs) and 10 onboard units (OBUs) to each awarded local jurisdiction.
- CDOT will also provide project support

Grant	Individual Award Size	Applications Received	Applications Awarded	Funded Amount
Roadside Unit (RSU) and Onboard Unit (OBU) In-Kind Grant	up to 10 RSUs and 10 OBUs, one-year of project support	1	1	10 RSUs and 10 OBUs, one-year of project support

RSU/OBU In-Kind Grant Awardee

Award Winner	Project Title	Project Summary
Town of Castle Rock	Castle Rock CV Safety and Operational Message Project	Develop its connected vehicle program to improve safety and operational messages, as well as improve user reliability and awareness along its travel corridors.

POC: Heather Pickering-Hilgers and Andy Geleske

Email: dot_innovativemobility@state.co.us

Website: Office of Innovative Mobility (OIM) Grants

IM Set-Aside: Goals

- Plan and prepare the region for **advanced and/or emerging mobility**

- Invest in **collaborative learning**

- Learn and transfer **innovative solutions** throughout the region

- Increase **mobility** and **accessibility** by providing innovative transportation options for travelers of all ages, incomes, and abilities

Learn more in the [DRCOG TIP Set Aside Policy Document](#)!

IM Set Aside: Focus areas

Project focus areas *(including but not limited to):*

- Mobility data
- Emerging modes
- Curbside management
- Shared mobility
- Mobility on demand
- Mobility as a Service
- Connected and automated vehicles
- Transportation electrification
- Mobility hubs

IM Set-Aside: Funding and Schedule

Funding

- $4 Million over 4 years

Schedule FY 24 -25 (*tentative*)

- Call opening: August 2023
- LOI due: September 2023
- Approval: November 2023

Schedule FY 26 – 27 (*tentative*)

- Call opening: July 2025
- LOI due: August 2025
- Approval: October 2025

…we want to hear from you through a Menti exercise.

Partner Agency Announcements

Other Matters

Type in the chat box or chime in (just unmute yourself).

May 2: DEN Airport

The May 2 AMP Working Group meeting will be **in person at the DEN Airport.** The site visit will include exciting guest speakers on topics such as:

- DEN's Vison 100 Strategic Plan

- Pena Master Plan

- DEN Real Estate

- Airfield operations

- Potential photo op with a plane on the airfield

Attendees must RSVP by April 18. Please reach out to kfallon@drcog.org with any questions.