



ADVANCED
MOBILITY
PARTNERSHIP

AGENDA

WORKING GROUP
Tuesday, May 3, 2022
2:30 p.m.

Remote Meeting

DRCOG is hosting this meeting remotely (no in-person option).

Please register and join the meeting using this link:

<https://us06web.zoom.us/meeting/register/tZMldOGspz8qGtS7Gto5CWjjCYn20OYi2ki->

- 1. Welcome and Introductions**
- 2. Election of Vice-Chair**
- 3. AMP Focus Area: Data and Data Sharing**
Action Item: Concept and Next Steps
Emily Lindsey, Active and Emerging Mobility Program Manager, DRCOG
- 4. Partner Agency Updates and Other Matters**
- 5. Next Meeting: June 7, 2022**

Attendees can request additional aids or services, such as interpretation or assistive listening devices, by calling 303-480-6701 or emailing elindsey@drcog.org. Please notify us at least 48 hours in advance so we can coordinate your request.



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ADVANCED
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WORKING GROUP
Tuesday, April 5, 2022
2:30 p.m.

Denver Regional Council of Governments
held remotely via Zoom

MEETING SUMMARY

Attendees

Moatasseem Abdallah, CU Denver
Melissa Adamson, DRCOG
Clara Bechtel, RTD
Holly Buck, Felsburg Holt & Ullevig
Steve Cook, DRCOG
Jim Fox, Arapahoe County
Kristin Kenyon, FTA
Michael King, CDOT
Alex Larson, Olsson
David Levy, Mobilitynext
Emily Lindsey, DRCOG
Diego Lopez, Northern Colorado Clean Cities
Greg MacKinnon, DRCOG
Wes Marshall, UTAC Representative
Angie Martell, Olsson
Doug Monroe, RTD
Lisa Nguyen, Denver International Airport
Ashley Nylen, CDOT

Karl Packer, Arapahoe County
Ron Papsdorf, DRCOG
Skyler Potocek, Northern Colorado Clean Cities
Carson Priest, Smart Commute Metro North
Michael Schwartz, Ride Report
Josh Schwenk, DRCOG
Josh Sperling, NREL
Lisa Streisfeld, CDOT
Tyler Svitak, Colorado Smart Cities Alliance
Kellee Van Bruggen, City of Arvada
James Waddell, Spot Parking
Melanie Ward, City of Centennial
Brian Welch, RTD
Meghan White, Colorado Smart Cities Alliance
Tom Worker-Braddock, City of Aurora
Sina Zhen, CDOT

1. Welcome and Introductions

Emily Lindsey, Chair, welcomed attendees to the Advanced Mobility Partnership (AMP) Working Group.

2. Informational Briefings

Mines Rover Pilot

Tyler Svitak, Colorado Smart Cities Alliance informed the working group about the autonomous shuttle pilot¹ in Golden which ran in the fall of 2021. The pilot was one of three routes considered (Golden, Greenwood Village, and Colorado Springs). The shuttle connected student housing to the Colorado School of Mines and downtown Golden. It involved 7 shuttle vehicles operating on three routes in mixed traffic. Mines students

¹ <https://www.mines.edu/rover/>



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worked as ambassadors on board the shuttles to help operate and communicate with passengers, while learning about autonomous technology. Partnerships helped to offset initial costs. Additional lessons learned will be available from the Colorado Smart Cities Alliance in the future.

Regional Shared Micromobility Data Collaborative

Ms. Lindsey, DRCOG, and Michael Schwartz, Ride Report, gave an overview of the work on shared micromobility in the region. This includes DRCOG's involvement with the Open Mobility Foundation and Mobility Data Collaborative, the Colorado Electric Vehicle Coalition's Micromobility Subgroup's shared micromobility inventory² and StoryMap³, and DRCOG's *Shared Micromobility in the Denver Region*⁴ guide.

Additionally, several agencies (Denver, Aurora, Boulder, Littleton, and Arvada) have worked with DRCOG on a Shared Micromobility Data Collaborative to share data. Recently, Ride Report, the vendor for the shared micromobility data platform, has unveiled a public portal for their platform. Currently, the Denver dashboard⁵ is live, with the other agencies expected to follow in the next week. The public dashboards will allow the public to view ridership, trip characteristics, and major routes (through a heatmap) for all micromobility vehicles in each jurisdiction.

3. AMP Pilot Tracking/Inventory

Ms. Lindsey informed the working group of a tracking spreadsheet of transportation technology-related pilots in the region. The tracker will include details, timeline, anticipated outcome/lessons learned, and resources available for additional information. The tracker is available for partner agencies for comment and will go public at a later date.

4. AMP Focus Area: Data and Data Sharing

Concept Development Discussion

Emily Lindsey, DRCOG, updated the working group on the concept for the mobility data sharing platform. Based on the discovery work the subcommittee has conducted, the concept defines the platform as a set of tools to help the region meet the needs identified in the recent use case workshops and survey. The platform will contain four main components: discovering data, sharing results and methodologies, analyzing data with tools, and managing the transportation system. The concept is currently under review by the AMP partner agencies, will be presented to working group members at the May meeting for review, and ultimately will be taken to the Executive Committee at their June meeting.

² https://docs.google.com/spreadsheets/d/1V4gh_XlUD1ZLTp2qFlaZ_TQ-eECaG24DJl98rDVhqPA/edit#gid=1765805914

³ <https://storymaps.arcgis.com/stories/3a127c51a1894c7d80d947e1d825ac27>

⁴ <https://drcog.org/planning-great-region/transportation-planning/advanced-mobility/shared-micromobility>

⁵ <https://public.ridereport.com/denver>





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5. AMP Focus Area: System Operations

Greg MacKinnon, DRCOG, provided an update on the development of DRCOG’s Regional Transportation Operations & Technology Strategic Plan. The Plan will set the vision for the operations of the region’s transportation system, including signals, cameras, fiber optics, bicycle detection, and other transportation technology. The Plan is intended to be finalized in July and will guide the Regional Transportation Operations and Technology Set-Aside Call for Projects planned for early 2023. Mr. MacKinnon reviewed the Plan’s vision, objectives, and operational concept and sought feedback from working group members. A link will be provided after the meeting for additional feedback.

6. Partner Agency Updates and Other Matters

There were no updates given.

7. Next Meeting and Adjournment

Ms. Lindsey thanked everyone for participating in the meeting. The next meeting is May 3, 2022.

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DATE: May 3, 2022
TO: AMP Working Group
FROM: Emily Lindsey, Active and Emerging Mobility Program Manager, DRCOG
SUBJECT: Election of Vice Chair
ACTION: Approve

SUMMARY

At the March meeting of the AMP Working Group, partner agencies elected Emily Lindsey to serve as Chair for the 2022 calendar year. There were no candidates for vice chair at the meeting. The AMP Working Group will revisit this position at the May meeting in hopes of filling the position for the remainder of the 2022 calendar year. The Vice Chair must be held by primary or alternate members from AMP partner agencies.

ACTION

Move to elect the Vice Chair of the AMP Working Group for calendar year 2022.

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

For additional information, please contact Emily Lindsey, DRCOG at elindsey@drcog.org.





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DATE: May 3, 2022
TO: AMP Working Group
FROM: Emily Lindsey, Active and Emerging Mobility Program Manager, DRCOG
SUBJECT: AMP Focus Area: Data and Data Sharing
ACTION: Recommend to AMP Executive Committee

SUMMARY

At the May meeting of the AMP Working Group, the group will discuss the mobility data platform [concept white paper](#).¹ This concept was identified after extensive stakeholder engagement was conducted to understand needs, use cases and priorities related to transportation and mobility data sharing.

Most recently, at their April meeting, the AMP Working Group was asked about their thoughts on the general concept and associated components, after hearing support for this structure, staff has finalized this regional mobility data platform concept white paper and solicited comments from AMP partner agencies.

Since the concept itself was developed as an overall vision (without budget constraints), there will be two actions at the May meeting (1) recommended approval of the overall platform concept as described in Part II of the white paper and (2) recommended next steps (several options are described in Part III of the white paper) as they relate to implementation of the platform concept.

ACTIONS

Move to recommend to the AMP Executive Committee approval of the Regional Mobility Data Platform Concept.

Move to recommend to the AMP Executive Committee next steps as discussed by AMP Working Group at their May meeting.

ATTACHMENT(S)

1. [Regional Mobility Data Platform Concept White Paper](#) (see link below or hyperlink in-text)

ADDITIONAL INFORMATION

For additional information, please contact Emily Lindsey, Transportation Technology Strategist, DRCOG, at elindsey@drcog.org.

¹ https://docs.google.com/document/d/1ISYHZeOsGfo3Xvp_FlIfE5ugwuQaA3SgUcZ8aNUCleg/edit?usp=sharing



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