Regional Transportation Committee

Meeting date: December 17, 2024

Agenda Item #: 8 (Attachment F)

2050 Regional Transportation Plan Scenario Planning

Agenda item type: Discussion

Summary

Follow-up on scenario planning analysis activities for the update to the 2050 Metro Vision Regional Transportation Plan.

Background

For the major update to the RTP, staff are interested in completing a new scenario analysis to further refine the investment priorities identified in the 2050 RTP. At the November meeting, staff provided a recap of the previous scenario planning analysis results from 2020, discussed the latest population and employment forecasts for the region, and sought feedback from members on the most important topics impacting transportation and land use in the region.

Staff have similarly sought feedback from the Transportation Advisory Committee and DRCOG Board of Directors. Combined with the results from internal feedback, the following themes have been identified:

- Growing older adult population and associated changes in needs and priorities (housing, healthcare, transportation).
- Increasing disruptions and environmental impacts from climate change on the region's infrastructure (transportation, housing, power)
- Continued proliferation of new technologies (artificial intelligence, automation, autonomous/connected/electric vehicles).
- Staying power of post-COVID trends (work from home, home delivery, e-commerce).

At the December RTC meeting, staff will provide an update on the results from committee feedback and potential next steps for the scenario planning analysis.

Action by others
None

Previous discussion/action
November 19, 2024 – Regional Transportation Committee

Recommendation
None

Attachment
Staff presentation

For more information
If you need additional information, please contact Alvan-Bidal Sanchez, Regional Transportation Planning Program Manager, at 720-278-2341 or asanchez@drcog.org.
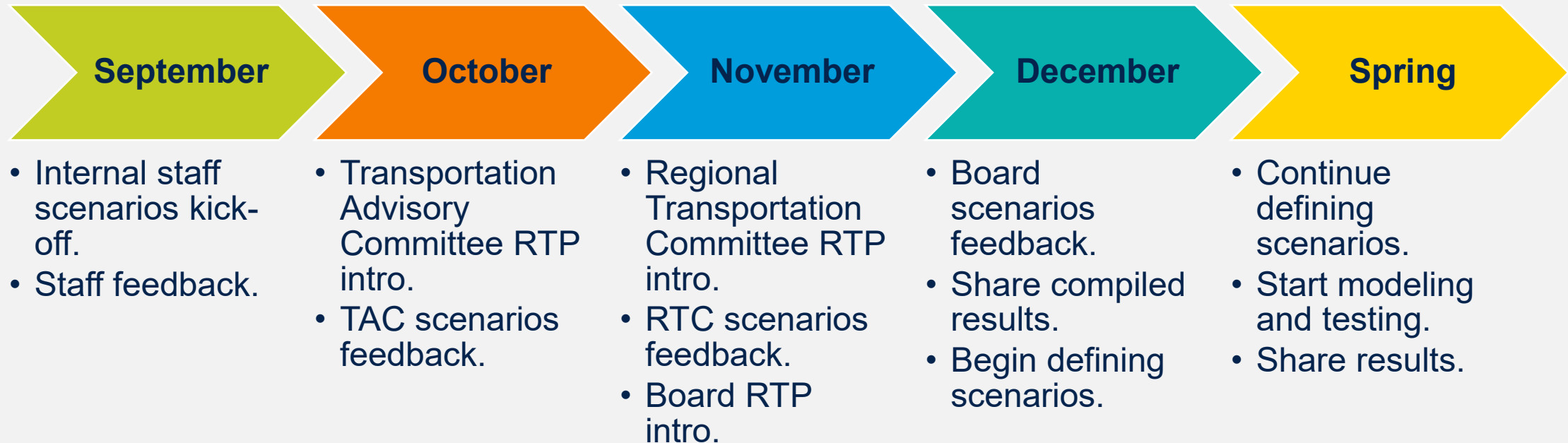
Regional Transportation Plan Scenarios Follow-Up

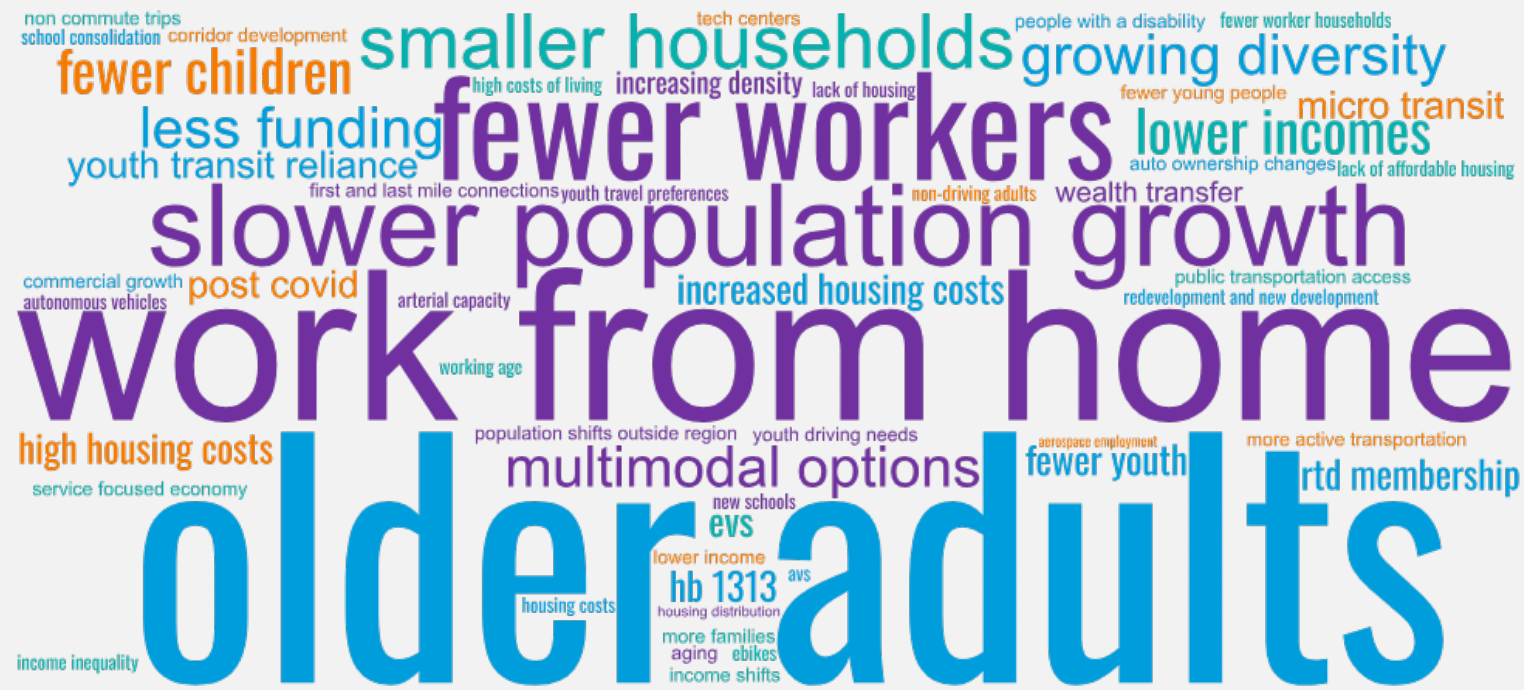**Regional Transportation Committee: December 17, 2024**

We make life better!

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

2050 RTP Update - Major activities

	2024				2025				2026			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Scenario planning			▓	▓	▓	▓						
Financial planning				▓	▓	▓						
Candidate projects						▓	▓	▓				
AQ and GHG modeling								▓	▓			
Document development					▓	▓	▓	▓	▓	▓		
Public and stakeholder				▓	▓	▓	▓	▓	▓	▓	▓	
Adoption and finalization											▓	▓

Schedule

September
- Internal staff scenarios kick-off.
- Staff feedback.

October
- Transportation Advisory Committee RTP intro.
- TAC scenarios feedback.

November
- Regional Transportation Committee RTP intro.
- RTC scenarios feedback.
- Board RTP intro.

December
- Board scenarios feedback.
- Share compiled results.
- Begin defining scenarios.

Spring
- Continue defining scenarios.
- Start modeling and testing.
- Share results.

Demographic shifts

Emerging economic trends
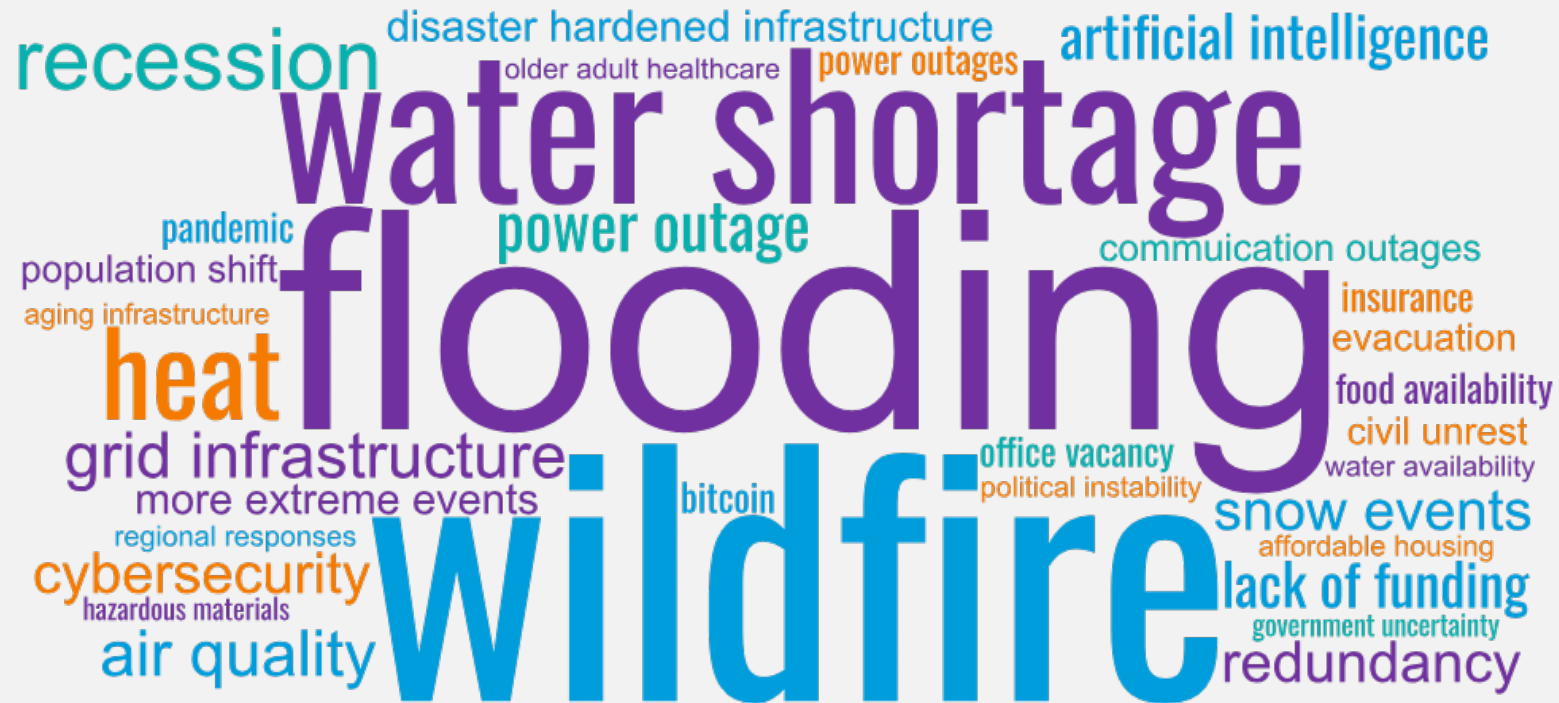
Technological advancements
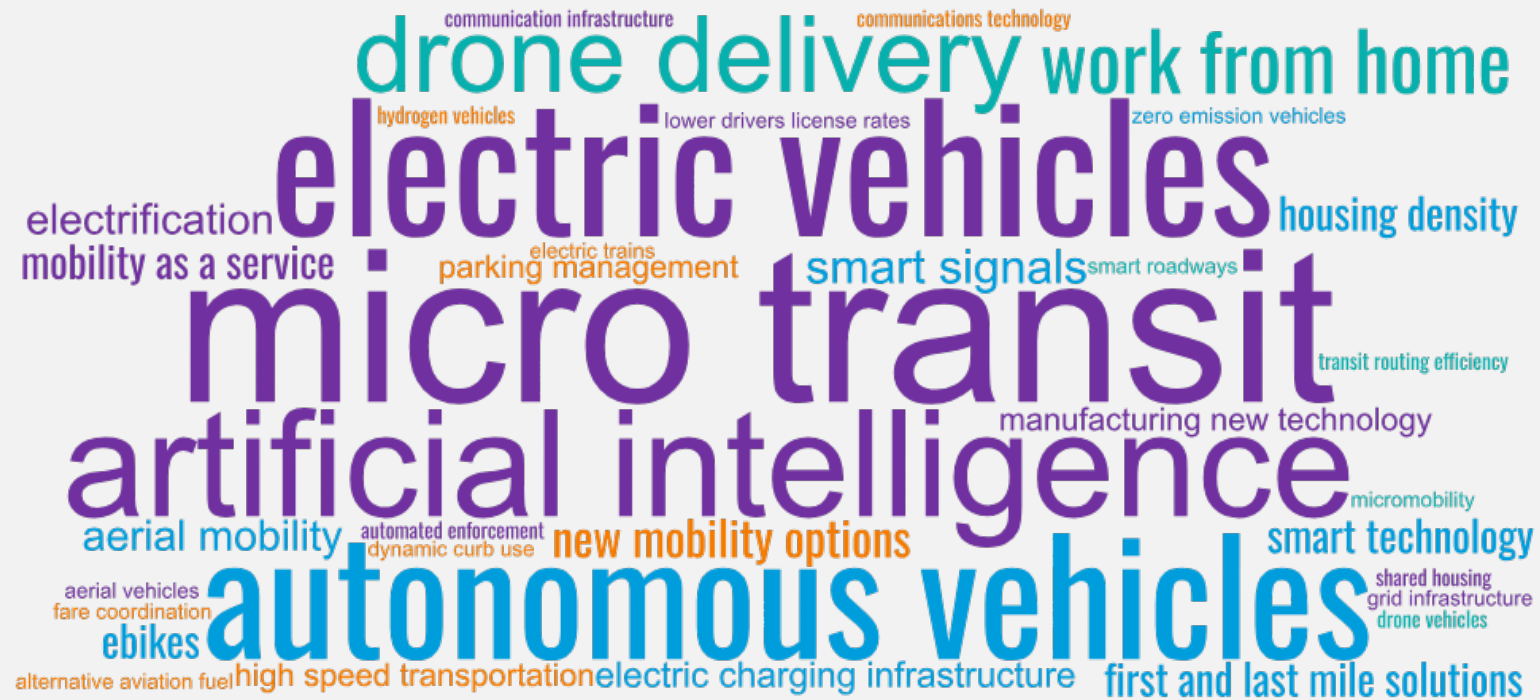
Changes in land use patterns

Environmental changes

Potential disruptions or emergencies

Themes heard

- Growing older adult population and associated changes in needs and priorities (housing, healthcare, transportation).

- Increasing disruptions and environmental impacts from climate change on the region's infrastructure (transportation, housing, power)

- Continued proliferation of new technologies (artificial intelligence, automation, autonomous/connected/electric vehicles).

- Staying power of post-COVID trends (work from home, home delivery, e-commerce).

We make life better!

Adrcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

Potential impacts of scenario planning

- Revisions to the **fiscally constrained list** of investment priorities.

- Additional information to include on **current conditions and policy**.

- **New metrics** to evaluate priorities.

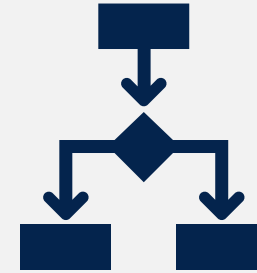- Guidance and direction for **future planning activities**.

DRCOG's approach

Explores "**what if**" alternative futures

Relative comparisons between scenarios and baseline

Not rigorous evaluation of scenarios, nor choosing/ judging scenarios

Choices & tradeoffs from individual scenarios

Provide **guidance and direction** for plan development

Next steps

- Begin **defining** potential scenarios.
- Start **modeling** and **testing**.
- **Share results** with committees and Board.

Thank you!
Questions?

Alvan-Bidal Sanchez
Program Manager
720-258-2341
asanchez@drcog.org

If you have difficulty using this document's content, please email access@drcog.org or call 303-455-1000. Please expect a response within 72 hours (three business days).