Transportation Data Marketplace

Bi-Annual Contracts State Point of Contact Web Meeting

June 22, 2023

Welcome

- We are using **Zoom Meeting**

- **VIDEO:** You are welcome to turn on your camera by pressing the camera icon in the bottom left corner of your screen

- **AUDIO (Computer):** Use your computer speakers and microphone by clicking the "Join Audio" button at the bottom left of the screen.

- **Alternate Audio (Phone):** Call into the meeting by dialing the phone number based on your location (provided in the confirmation email) and enter the Meeting ID at the prompt.

- Please keep your line muted when you are not speaking.

- **This web meeting is being recorded.**

- **Questions** with the audio or web? Please contact Justin directly via the chat box or email (jferri@kmjinc.com)

Asking Questions in Zoom Meeting

- **IN THE CHAT BOX**
  - You may pose your questions using the Chat Box. Click on the chat icon at the bottom of your screen.
  - The questions in the Chat Box will be monitored and answered at the end of the session.
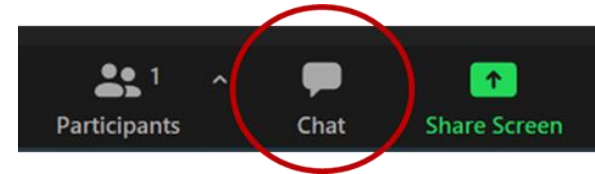
- **VERBALLY**
  - Please raise your hand (click on the participants button at the bottom of the screen then scroll down to the bottom of the list of participants and click on the "Raise Hand" button), and a host will unmute you.
  - Please give your name and agency before asking your question
 - **Please mute yourself when you are finished asking a question**

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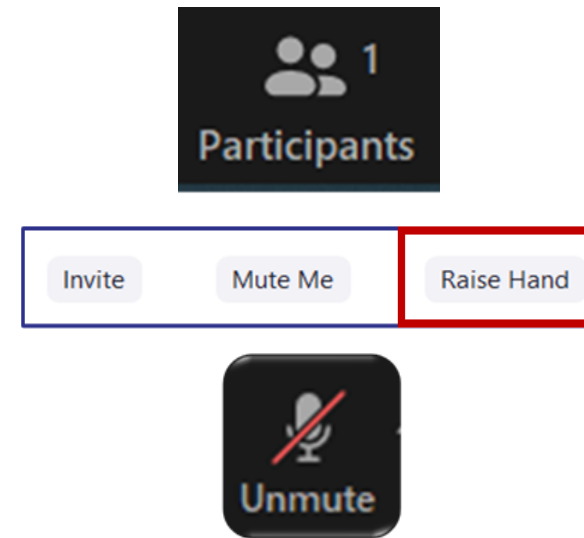
Agenda

Topic	Speaker
Welcome and Agenda	Denise Markow, TSMO Program Director, The Eastern Transportation Coalition
Vendor Updates	Denise Markow
State Procurement Status to Date	Denise Markow Kathy Frankle, Program Manager, University of Maryland
Contracting Status FY2024 and Invoicing Updates	Denise Markow Mai Quynh Le, Associate Program Manager, TETC
Technical Advisory Committee (TAC) Update	Stan Young, Chief Data Officer, The Eastern Transportation Coalition
Data Use Agreement Affiliates and V10 Updates	Denise Markow Mai Quynh Le
Data Planning and Final Wrap Up	Denise Markow

The Coalition

Adding our unique Eastern voice to the national conversation, while respecting differences within member states.
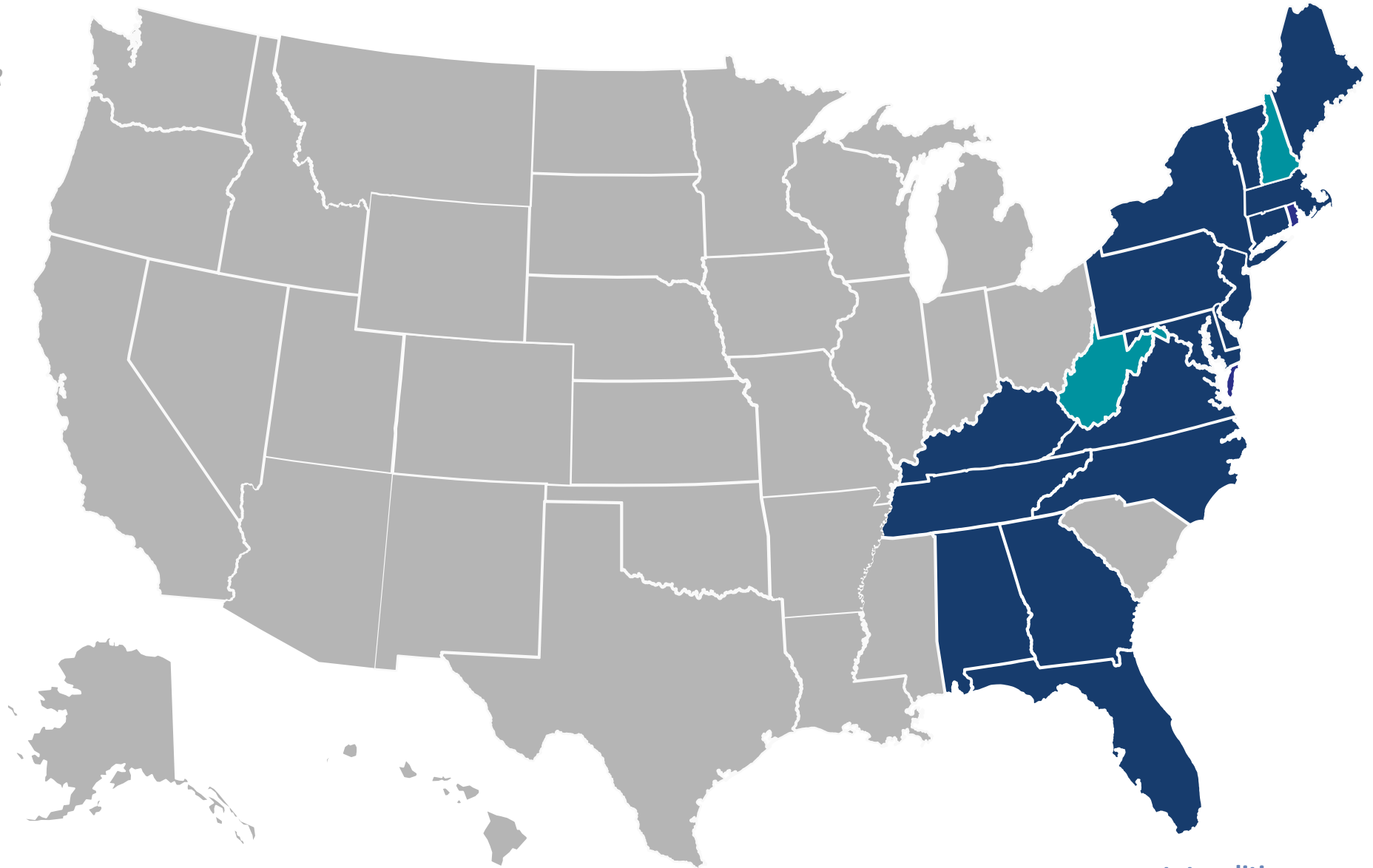
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Contracting – FY2023-2024 Team

VACANT

Program Oversight

Stan Young

Vendor Products

Kathy Frankle

Pricing/State MOU

Contracting

Mai Quynh Le

Vendor Contracting
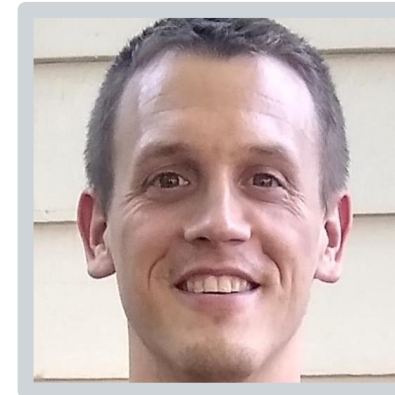
Zach Vander-Laan

Validation Program Manager

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Vendor Updates

Vendors Update

- **Wejo**
  - *The TETC has been in communication with representatives from Wejo to better understand the circumstances surrounding the disruption in service. Wejo experienced an unexpected 'bump in the road' with respect to company financial matters which triggered the actions related to UK Administration and potential restructuring that have been in the news. Their intent is to restore services in short order and we anticipate hearing something more official over the next one or two weeks that will help set expectations for the longer-term reorganization of the company and recovery to full operation. In the meantime, Wejo is working to restore any interrupted services to their current subscription clients.*
  - UMD selected the Opt-in Option

- **Streetlight**
  - Streetlight InSight Platform Package – Data versus "Seats"

- **Quetica**
  - Data is about what is in the truck

State Procurement Status to Date

States	Probe Data Vendor	Mods/Ancillaries	States	Probe Data Vendor	New Mods/Ancillaries
Maine					INRIX Signal Analytics
Vermont	INRIX	INRIX O-D Data INRIX Volume Data INRIX Conflation Services INRIX Dangerous Slowdowns	Maryland	INRIX	INRIX HELP INRIX Freight Waypoint/Trips
			DC		
Massachusetts (MBTA)	INRIX	INRIX Signal Analytics INRIX Waypoint/Trips INRIX Volume Data INRIX Replica Quetica Freight Data 1Spatial Conflation	Virginia	INRIX	WEJO Waypoint INRIX CV Safety Alerts INRIX HELP IRISEYES
Rhode Island	INRIX	INRIX Signal Analytics INRIX Waypoint/Trips	North Carolina	INRIX	INRIX HELP INRIX CV Safety Alerts INRIX Signal Analytics Iteris Clearguide Premium Iteris XD Storage Iteris Clearguide Enhancements
Connecticut		Through Transcom			HERE Volume/Streetlytics INRIX HELP
New York	INRIX	Through Transcom	Georgia	HERE	INRIX CV Safety Alerts INRIX Waypoint/Trips Wejo Waypoint Clearguide Safety
New Jersey		INRIX HELP INRIX CV Alerts			
Delaware			Florida		INRIX Signal Analytics
Pennsylvania	INRIX	INRIX Waypoint/Trips	Alabama		INRIX HELP
PATPK	INRIX	INRIX CV Alerts INRIX Dangerous Slowdowns	Tennessee (GNRPC)	INRIX	INRIX Dangerous Slowdowns INRIX Replica
			Kentucky		

Contracting Status for FY2024
Invoicing Updates

The Coalition

Contracting Status

Annual Renewals:
Georgia
Maryland
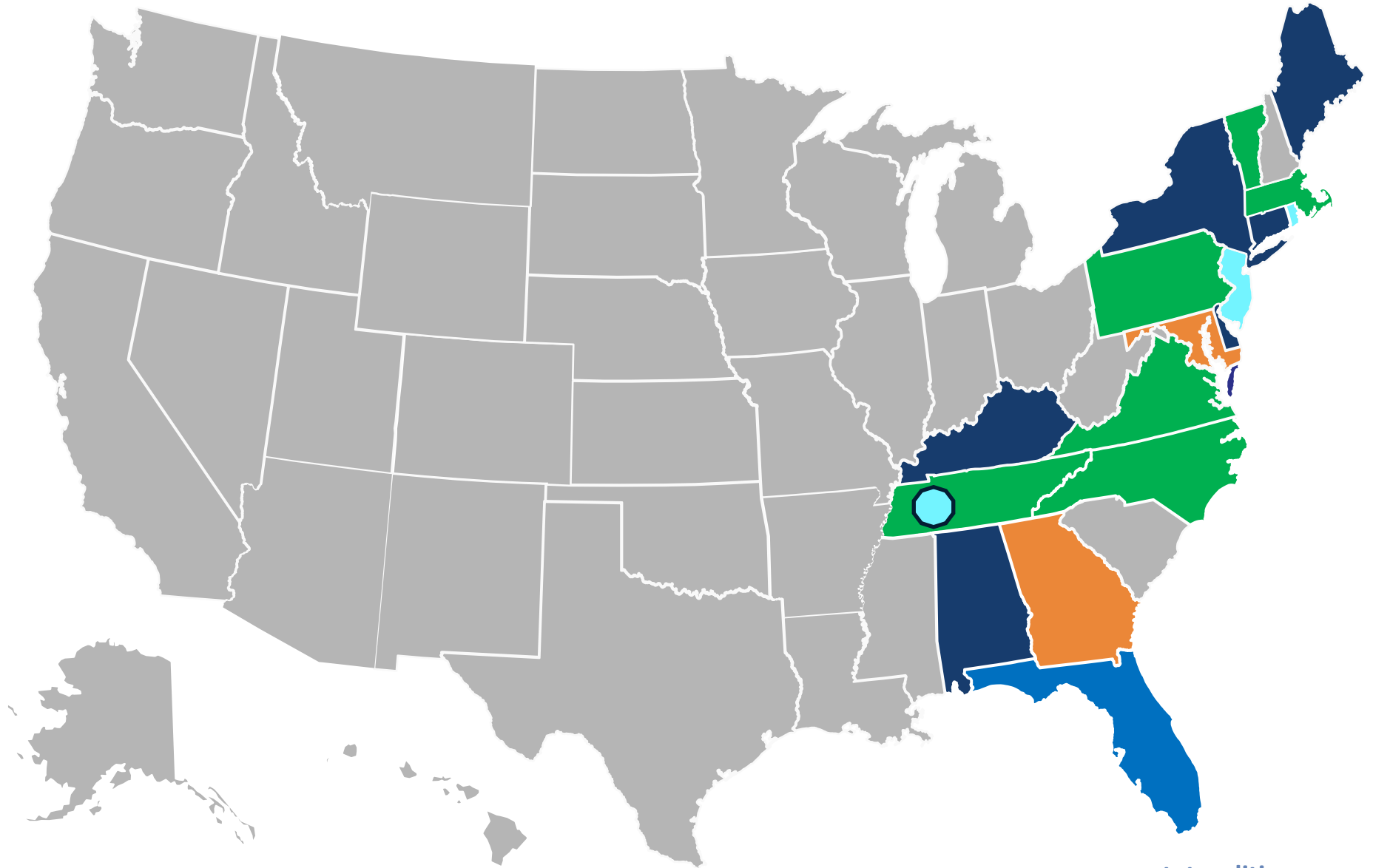New Jersey
Rhode Island

Affiliates:
Greater Nashville

New Business:
MBTA
VDOT
PennDOT extension

TDM Invoicing Update

- Probe Data Invoicing for both state and vendors remains unchanged

- Invoicing for other datasets and/or ancillary products:
    - Vendors can invoice for up to one year only – not multi-year
    - Upon receipt of vendor invoice, Mai will check with the state rep to confirm services have been started/finished before approving payment from UMD to vendor

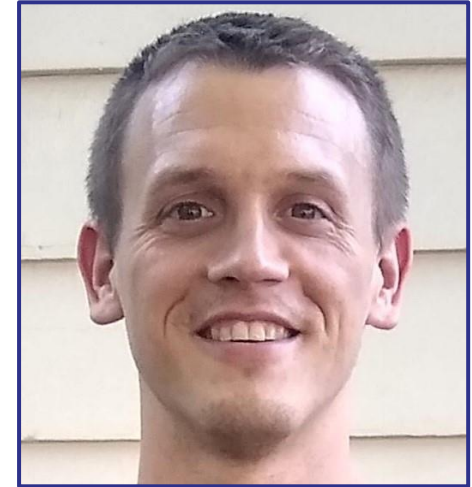Technical Advisory Committee (TAC) Update

TAC Leaders

Mike Fontaine, PE, PhD
TAC Chair
Associate Director
Virginia Transportation Research
Council
Virginia DOT

Stan Young, PE, PhD
Chief Data Officer,
The Eastern Transportation
Coalition

Zach Vander Laan,
Faculty Specialist
University of Maryland CATT

Current TAC members

Alabama DOT (University of Alabama)	Alex	Hainen				
Connecticut DOT	Alexander	Finch	**North Carolina DOT**	Tae-Gyu	Kim
Delaware DOT	Chris	Marsh	**North Carolina DOT**	Kent	Taylor
District DOT	Ting	Ma	**North Carolina DOT**	Kelly	Wells
District DOT	Laura	MacNeil	**Pennsylvania DOT**	Scott	Benedict
Florida DOT	Derek	Vollmer	**State of Rhode Island - Division of Planning**	Josh	O'Neill
Florida DOT (HNTB)	Mark	Dunthorn	**Tennessee DOT**	Heewon	Chea
Georgia DOT	Samuel	Harris	**Tennessee DOT**	David	Lee
Georgia DOT	Ron	Knezevich	**Tennessee DOT**	Matt	Merservy
Kentucky Transportation Cabinet	Daniel	Hulker	**Tennessee DOT**	Michelle	Nickerson
Maine DOT	Colby	Fortier-Brown	**University of Kentucky (Kentucky Transportation Center)**	Mei	Chen
Maryland DOT - SHA	Carole	Delion	**University of Maryland CATT**	Zachary	Vander Laan
Maryland Transportation Authority	Rob	Pangborn	**Vermont AOT**	Ian	Degutis
Massachusetts DOT	Bob	Frey	**Vermont AOT**	Zoe	Neaderland
National Renewable Energy Laboratory (NREL)	Stan	Young	**Virginia DOT**	Simona	Babiceanu
New Jersey DOT	Sudhir	Joshi	**Virginia DOT**	Michael	Fontaine
Niagara International Transportation Technology Coalition (NITTEC)	Athena	Hutchins			

TAC/Validation Updates

POC Staff receive quarterly validation reports via email

Location of validation reports: https://tetcoalition.org/projects/transportation-data-marketplace/

TDM (7/2022 to present)

- TDM – Origin-Destination Validation – Literature Review & Recommendations – April 2023
- Initial TDM Validation Activity: Volume & Travel Time Study – March 2023
- TDM – Traffic Volume Validation – Literature Review & Recommendations – November 2022

TDM Validation 2023 Schedule through December

- Travel Time
  - Stowe, VT – rural/low volume travel time validation – results to be shared in July TAC meeting
  - Coordinating with VT for rural work zone validation – summer 2023

- Volume
  - Second NC Volume Validation being processed, results to be shared at special meeting in late summer
  - Volume validation (#3) – schedule for late 2023

- OD
  - June 2023 – Vendor questionnaire
  - Aug 2023 – targeted 1st OD Exercise in VA

Data Use Agreement
Affiliates and V10 Updates

Data Use Agreements Updates

- All agreements are submitted online

- We are now using only V10 – no pdf's anymore

- Starting July 1, 2023 –
  - Mai will start migrating all existing DOMAIN agreements to v10

- Request for all affiliates to be approved by state reps
  - DUA comment – affiliates liable for data use – not states

- Request from Federal Agencies to be approved by state reps

- **The DUA cannot be edited for any affiliate – no exceptions!**

FY2024 - Data Planning
Final Wrap Up

Data Forums in FY2024 – what do you want to hear about

- **Specific Data Vendors?**

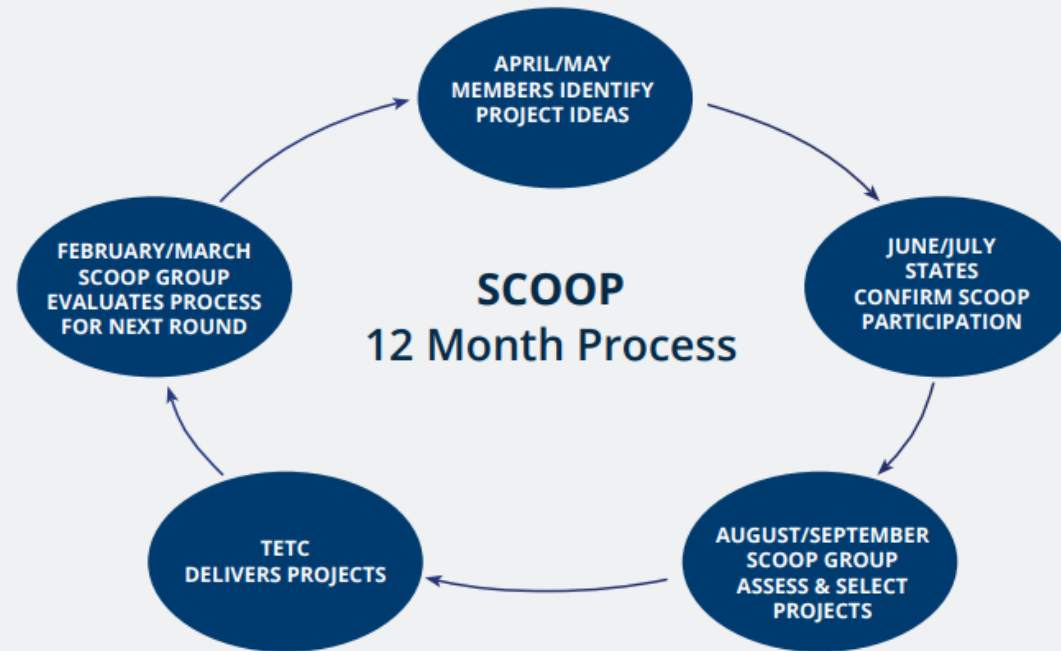- **Emerging Technologies?**

- **Video Analytic Platforms?**

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Project Ideas

Special Cooperative Projects (SCOOP)

Projects that fall outside membership dues activities are part of a new program called the Special Cooperative Projects fund (SCOOP) which was created as a way to bring this additional value to the corridor.

What makes a SCOOP project?

- The work can be completed within *six to twelve months*
- The benefits extend beyond one state and support *multi-state/cross-border collaboration*
- The project has an *urgency*, but also *support longer range agency initiatives*
- The effort is *unique* and not underway by any other associations
- The project *supports Coalition's mission*

APRIL/MAY
MEMBERS IDENTIFY
PROJECT IDEAS

JUNE/JULY
STATES
CONFIRM SCOOP
PARTICIPATION

FEBRUARY/MARCH
SCOOP GROUP
EVALUATES PROCESS
FOR NEXT ROUND

**SCOOP
12 Month Process**

TETC
DELIVERS PROJECTS

AUGUST/SEPTEMBER
SCOOP GROUP
ASSESS & SELECT
PROJECTS

For more information about The Eastern Transportation Coalition, visit tetcoalition.org

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SAMPLE SCOOP DATA PROJECTS

REVEAL

REal-time Volume Estimates Across Locations

Leveraging data available from the Transportation Data Marketplace and ETC research investments, this project will create real-time volume-based estimates for a representative Coalition region, incorporating observed probe counts. These volume estimates will empower ETC and partners to make informed operational decisions with greater confidence and improve service. This project extends fundamental volume estimation capabilities initiated through ETC-sponsored research conducted between 2018 and 2020 – providing a platform for all Coalition to integrate real-time volume into their TSMO systems.

CAPABLE

Count All Pedestrian and Bicycle Locations Efficiently

Although vendors exist for bike and pedestrian data, recently imposed restrictions on location-based services data collected via smartphone apps has substantially reduced available information to derive estimates. Consultation with vendors suggests that a network of accurate ground counts would not only validate location-based data but provide valuable alternative data resources to improve accuracy and better calibrate their models. This project will deploy video-based bike and pedestrian counters on a test network to both explore the fidelity of such data, as well as collaborate with vendors toward improved products.

Intelligent Roadway Infrastructure --

Roads need to be as smart as the vehicles that drive upon them. Radars, lidars and video imaging technology, prevalent on automated vehicles, are being brought to roadways, intersections and curbs. This project will provide a review of the state of the art of not only deploying such technology, but the new applications that are enabled.

Help, I need a gallon of electrons ….

Road assistance personnel now have to carry not only extra gasoline, but be prepared to deal with stalled EVs. 'How to bring along a gallon of electrons…' Highway response crews whether for traveler assistance or emergencies need to know how to properly prepare and respond to travelers with EV power trains – how to get them minimal energy to drive to the nearest charging station, where the nearest charging station is, and other EV centric considerations.

Coalition TSMO Update – Recent Events

RECENT

➢ Next-Generation National Household Travel Survey Info Sharing Event - OD Data - January 26, 2023

➢ RITIS User Group Web Meeting - February 2, 2023

➢ **TDM** Analytics Platform Vendor Forum(s) *(invite only)* - February 9 & 23, 2023

➢ Travel Info Web Summit - March 16, 2023

➢ **TDM** Vendor Forum *(invite only)* - Bike & Ped Data - April 12, 2023

➢ TSMO Strategic Planning Sessions - April 13 & May 5, 2023

➢ RITIS User Group Web Meeting - May 4, 2023

➢ Distracted Driving/Move Over Conference - May 8-10, 2023

➢ **TDM** TAC Meeting *(invite only)* - April 11, 2023

➢ **TDM** Vendor Validation Meeting *(invite only)* - May 5, 2023

➢ **TDM** Vendor Forum *(invite only)* - Volume Data - May 25, 2023

➢ Freight Academy *(invite only)* - June 11-16, 2023

➢ NAV HUB Training Session *(invite only)* - June 16, 2023

➢ TETC Virtual Info Exchange: Considerations for Digital Infrastructure - June 28, 2023

Coalition TSMO Update – Upcoming Events

UPCOMING

- ✓ Waze/Google Bi-Annual Meeting *(invite only)* - June 29, 2023
- ✓ **TDM** TAC Meeting *(invite only)* - July 11, 2023
- ✓ **TDM** Vendor Validation Meeting *(invite only)* - July 25, 2023
- ✓ RITIS User Group Web Meeting - July 27, 2023
- ✓ **TDM** TAC Meeting *(invite only)* - October 10, 2023
- ✓ **TDM** Vendor Validation Meeting *(invite only)* - October 24, 2023
- ✓ Travel Info Summit - October 2023 - TBD

The Eastern Transportation Coalition - Virtual Information Exchange: Considerations for Digital Infrastructure

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Wrap Up

Who do you call?

Budget/State MOU documents – Kathy Frankle

Invoicing and DUA - Mai Quynh Le

Technical Data - Stan Young

I wish you all well – it has been a pleasure!

THANK YOU

Stan Young,

Chief Data Officer

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Kathy Frankle,

TDM Contract Manager

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Mai Quynh Le,

TETC Program Associate

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THE EASTERN TRANSPORTATION COALITION

CONNECTING FOR SOLUTIONS