ATRAVEL examines economic, convenience and environmental costs of a private vehicle vs. other travel options

Two tools developed using AFLEET and new data

1. Trip Tool - Consumer education
   1. *User enters their most common trip(s) via Google Maps interface*
      - You can add more than 1 trip
      - Optional - Enter additional mileage
   2. *Enter vehicle make/model/year*
   3. *Results compare annual cost, travel time, and GHGs of private vehicle ownership vs transit vs ride-hail (results from only using that mode)*

   - **Next steps:**
     1. Improve Inputs interface and Results visualizations
     2. Add ride-share, car-share, scooter-share, bike-share
        - Plan to provide a “no-car” scenario – using a mix of modes
     3. Separate active (driving/walking) vs. passive (riding bus/TNC) travel time
        - Add option to look at $ value of travel time
     4. Add option to select an AFV to compare
     5. Allow user to change assumptions
     6. Provide trip based results
ATRAVEL – METRIC TOOL

2. Metric Tool – Provide coordinators with data about coalition
   1. **Select the metric to map**
      - Only vehicle cost/time/GHGs available currently
   2. **Select search by either:**
      - location (zip code based) or Clean Cities Coalition
   3. **Gray Box – Household level results comparing Vehicle vs TNC vs Transit**
      - Percentile ranking compared to all other locations in the US
   4. **Additional metrics from Polk (fuel & vehicle type breakdowns)**
   5. **Click for Fact sheet - provides above info + plus additional info (e.g. demographics)**

   – Next steps:
   1. Add additional locations to aggregate data: cities, counties, states
   2. Add maps for each metric in PDF Fact Sheet
   3. Add car-share, scooter-share, bike-share availability data by zip code
   4. Add AFV refueling stations by zip code
ATRAVEL FEEDBACK

▪ What personal transportation-related metrics, data, mapping will be helpful to coordinators/ stakeholders?
  – Vehicle ownership & use
  – TNC, Transit, Shared mobility use
  – Demographics
  – Transportation regulations?
  – Local air quality?

▪ Other suggestions on how to improve the Metric Tool?

▪ Suggestions on how to improve the Trip Tool:
  – User inputs (google map trips, vehicle)
  – Results Visualizations

▪ What consumer education around personal transportation can ATRAVEL also help with?

▪ Other feedback?