The Evaluation Sub-Group performed a spreadsheet analysis of the Sustainable Transportation Demand Management (TDM) Vision for 2035: Baseline/BAU; TDM Vision; and TDM Moderate.

Baseline: Current Mix as of 2019
TDM - 2035 Scenario - percentage of commuters taking this mode

- Drove Alone
- Carooled
- Public Transit
- Walked
- Cycled
- Worked at Home
Moderate Scenario 2035 - percentage of VMTs

- Drove Alone
- Carpooled
- Public Transit
- Walked
- Cycled
- Worked at Home
Evaluation Sub-Group Spreadsheet Analysis

* The TTWG Evaluation Sub-Group evaluated the Transportation Demand Management 2035 Scenario. (TDM 2035 Scenario).

* Mix of transportation modes for a Baseline Scenario plus two 2035 Scenarios. Presentation by Adriana Hochberg, How Are We Doing, provided numbers for GHG baseline, current modal mix.

- Compare with 2019 baseline modal mix and 2005 GHG emissions.
- GHG emission estimates: Multiply predicted Vehicle Miles Traveled for a given mode, by an emissions factor.

- TDM 2035 Scenarios assume 100% conversion to all-electric vehicles by 2035, with public transit vehicles using most advanced and efficient electric technology.

- * Baseline / BAU for 2035 uses TPB data (Kant Shrikanth presentation 8/13/19).

- * The TDM 2035 Scenario describes a shift to people-centric transportation modes, and away from private vehicles.
- TDM 2035 Scenario (including Moderate Scenario) assumes no new highways and no expanded highways are built between 2019 and 2035.
- Investments in transit, walkability, bikability, and working from home
Examples of County Actions to Implement the Montgomery County, Maryland Sustainable Transportation Demand Management (TDM) Vision for 2035

• Take immediate legal action to stop the widening of I-270 and I-495.

• Take immediate action to remove proposed Mid-County Highway Extended (M83) from the Master Plan of Highways (MPOH) and local Master Plans.

• I-270, I-495 expansion, & M-83/MidCounty Highway Extended, would expand fossil fuel transportation infrastructure in MontCo, further lock-in increased carbon emissions.

• These actions confirm MontCo’s shift to people-centric, climate-transportation solutions, free up resources for transit.
In our evaluation of the TDM 2035 Scenario, we found that Greenhouse Gas emissions in 2035 are reduced from 80 to 90 percent over 2005 levels.