

Maryland Department of the Environment

TLU-13 and TLU-14 Strategies for
Further Analysis

Table 3. Transportation and Land Use GHG Reduction Strategies

Strategy Type/Focus	Measure Description (including possible Implementation Actions)
TLU-13: Reducing GHG Emissions from Transportation Projects	
Scenario: <input type="checkbox"/> 2020: 1% additional reduction in GHG emissions from transportation projects in each successive Transportation Improvement Plan (TIP) <input type="checkbox"/> 2040: ___% additional reduction in GHG emissions from transportation projects in each successive TIP. <input type="checkbox"/> 2040 stretch: ___% additional reduction in GHG emissions from transportation projects in each successive TIP.	Measures to incentivize GHG reductions in transportation projects: <input type="checkbox"/> Model GHG emissions data during MOVES modeling runs for criteria pollutants to inform rate of progress <input type="checkbox"/> Link TPB funding of transportation projects to achieving emission reduction benchmarks in each TIP
TLU-14: Reducing GHG Emissions from Land Development Projects	
Scenario: <input type="checkbox"/> 2020: Project effects of 2020 development increment on GHG emissions from project construction activities and induced mobile source activity over 10 year horizon. <input type="checkbox"/> 2040: Reduce GHG emissions from new project construction and 10 years of induced mobile source activity by 50%. <input type="checkbox"/> 2040 stretch: Reduce GHG emissions from new project construction and 10 years of induced mobile source activity by 75%.	Measures to incentivize GHG reductions in land development projects: <input type="checkbox"/> Model GHG emissions data (construction and 10-year induced travel) when development projects over a certain size threshold are submitted to local government for review <input type="checkbox"/> Link construction permit approval to achieving established GHG reduction targets based on project type and size through onsite mitigation measures or payment of in-lieu fee for offsite GHG reduction projects