

Greenhouse Gas Emissions Reductions A summary of State Guide Plan Content

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Land Use 2025

- Focus development in higher density, mixed use centers served by transit and sidewalks to reduce the need for driving and to help attain the State's air quality goals.

Transportation 2030

- Reduce Greenhouse Gas emissions to 1990 levels by 2010 and to 90% of 1990 levels by 2020 consistent with New England Governors and Eastern Canadian Premiers pact (**EN-PM-.4.d**).
- Reduce emissions of air pollutants and greenhouse gases from mobile sources, and to conserve energy by reducing vehicles miles traveled; reducing the number of single occupant vehicle trips; promoting increased usage of high efficiency vehicle technologies; and retaining vegetated buffers (EN-P-.2.a)
- Reduce VMT's and SOV's through development and utilization of alternative travel modes and encouraging ride-sharing (EN-S-.3.a).
- Continue to add alternative fuel technology vehicles to the state and local vehicle fleets while promoting retrofitting of older diesel vehicles (EN-S-.3.e).
- Use Intelligent Transportation System technologies to reduce recurring and non-recurring congestion and thereby reducing idling emissions (EN-S-.3.g).
- Electrify major truck stops to provide shore power to vehicles during mandated rest periods and to support controls on unnecessary idling of diesel vehicles (EN-S-.3.g).
- Utilize existing and new environmental resource data to estimate the additional burdens or benefits projects will have on air quality (EN-P-.2.d).
- Retain and expand vegetated buffers and other landscape elements within transportation corridors to improve air quality, filter stormwater, act as a noise buffer, mitigate the heat island effect, and to improve aesthetics (EN-S-.3.c).
- Encourage the use of solar energy, and "green" design and construction practices in transportation projects (EN-S-.3.m).
- Acknowledge that sea-level rise may threaten transportation facilities, and to plan infrastructure improvements accordingly (PL-P-.3.v).