

# Greenhouse Gas Scenario Planning Tool

## Scenario planning for 3 sectors

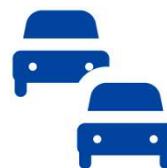
- Provides decarbonization strategies withing the **building**, **transportation**, and **land use** sectors.



Buildings



Land Use



Transportation



Building Energy



Building Materials



Waste

### Residential Building Strategies

- ✓ Increase compact growth (reducing floor area)
- ✓ Promote behavior change
- ✓ Retrofit existing households
- ✓ Ensure new home efficiency
- ✓ Electrify heat

### Commercial and Industrial Buildings Strategies

- ✓ Retrofit buildings
- ✓ Implement a smart grid
- ✓ Substitute natural gas with renewable natural gas
- ✓ Electrify heat

### Grid Strategies

- ✓ Decarbonize the electric grid

### Waste Valorization

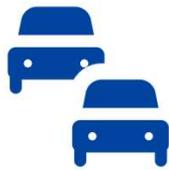
- ✓ Renewable natural gas



**Land Use**

**Land Use Strategies**

- ✓ Compact growth
- ✓ Sustainable agriculture: Conservation tillage
- ✓ Reduce parking zoning
- ✓ Increase tree planting



**Transportation**

**Transportation Strategies**

- ✓ Increase mode shift
- ✓ Electrify vehicles
- ✓ Public transit
- ✓ Compact development
- ✓ Implement road pricing
- ✓ Increase telework
- ✓ Increase behavior change