



Transportation Policy

Of



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Policy for transportation in College for (Sustainable Transportation Goals) STG & to reduce carbon emissions.

Developing a policy to reduce carbon emissions in transportation at a college requires a multi-faceted approach that focuses on promoting sustainable alternatives and encouraging behavior change among students, faculty, and staff. Here's a framework which can be used to create such a policy:

- 1. Establishing clear goals:** To Define specific targets and objectives for reducing carbon emissions related to transportation. For example, aim to reduce greenhouse gas emissions by a certain percentage within a specified timeframe.
- 2. Assess the current situation:** Conduct a comprehensive assessment of the existing transportation infrastructure, including commuting patterns, vehicle fleet, and parking facilities. Determine the current carbon footprint associated with transportation on campus.
- 3. Encourage active transportation:** Promote walking, cycling, and other non-motorized modes of transportation. Implement measures such as improving pedestrian infrastructure, providing secure bicycle parking, and developing cycling lanes. Offer incentives, like bike-sharing programs or subsidies for purchasing bicycles. (Short term planning)
- 4. Enhance public transportation options:** Collaborate with local transit authorities to improve public transportation connections to and from the college. Advocate for increased frequency and reliability of public bus/ metro trains servicing to & from the campus. Consider providing discounted or free transit passes to students and employees. (Short term planning)
- 5. Support carpooling and ride-sharing:** Establish a carpooling and ride-sharing program to reduce the number of single-occupancy vehicles on campus. Provide designated carpool parking spaces and incentives such as priority parking or reduced parking fees for carpool participants.
- 6. Adopt electric vehicles (EVs):** Transition the college's vehicle fleet to electric vehicles wherever possible. Install charging stations on campus to support EV usage. Encourage staff and faculty to consider electric vehicles for their personal use by providing information on incentives and benefits. (Long term planning)
- 7. Implement parking policies:** Develop parking policies that discourage single-occupancy vehicle usage. Consider introducing tiered pricing based on vehicle efficiency or occupancy. Allocate preferential parking for electric vehicles and car-poolers, while reducing parking availability for non-environmentally friendly vehicles.


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8. **Raise awareness and educate:** Launch educational campaigns and awareness programs to highlight the environmental impact of transportation choices and promote sustainable alternatives. Provide information on the benefits of active transportation, public transit, and EVs. (Frequent activity)
9. **Monitor and evaluate:** Regularly assess the effectiveness of the policy by tracking transportation-related carbon emissions and monitoring changes in commuting patterns. Adjust strategies as needed to ensure progress toward the established goals. (Periodical review activity)
10. **Green campus shuttles:** Replace traditional gasoline-powered campus shuttles with electric or hybrid vehicles. Ensure that shuttle routes are well-designed and cover key areas of the campus, including residence halls, academic buildings, and parking lots, to encourage students to use the shuttle instead of individual cars. (Long term planning)
11. **Car-sharing programs:** Collaborate with car-sharing companies to provide on-campus car-sharing services. This allows students and staff to access vehicles when needed for longer trips or specific purposes, reducing the need for individual car ownership. (Short term planning)
12. **Campus infrastructure improvements:** Improve pedestrian and cycling infrastructure on campus by creating more dedicated bike lanes, bike racks, and pedestrian-friendly pathways. Consider implementing traffic calming measures, such as speed bumps, to prioritize pedestrian safety. (Step by step planning)
13. **Sustainable commuting incentives:** Introduce incentives for sustainable commuting practices. Offer rewards or discounts at on-campus facilities, such as cafeterias, bookstores, or fitness centers, for students and staff who consistently use sustainable transportation options. (May be adopted policy)
14. **Car-free zones:** Designate certain areas of the campus as car-free zones to prioritize pedestrian and cyclist safety and create a more sustainable campus environment. Consider implementing pedestrian-only streets or limiting vehicle access during peak hours. (Short term policy)
15. **Green parking facilities:** Install solar panels on parking lots to generate renewable energy and provide shade for vehicles. Implement smart parking systems that guide drivers to available parking spaces, reducing the time spent searching for parking and associated emissions.
16. **Sustainability-oriented events:** Organize events and workshops that focus on sustainable transportation, such as bike repair clinics, electric vehicle showcases, or public transit information sessions. Collaborate with student organizations or local community groups to raise awareness and engage students in sustainable transportation initiatives. (Short term planning)
17. **Carbon offset programs:** Establish a carbon offset program where the college invests in renewable energy projects or purchases carbon credits to compensate for remaining emissions from transportation. Involve students and staff in selecting and supporting these offset initiatives. (Long term planning)



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Note:-

- a. The success of any policy relies on collaboration and engagement from all stakeholders, including students, faculty, staff, and local community members. Encouraging behavior change and providing attractive alternatives are key to reducing carbon emissions in transportation on campus.
- b. Regularly review and update the transportation policy based on feedback, new technologies, and changing needs. By implementing a comprehensive and dynamic policy, colleges can significantly reduce carbon emissions and contribute to a more sustainable campus environment.

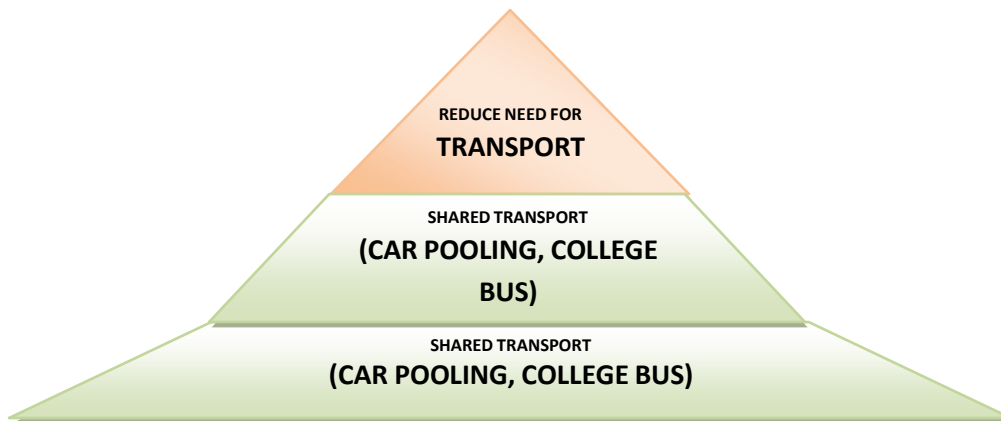


Fig 1: Sustainable transport hierarchy


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