

Transportation Alternatives

0. San Diego government is working on widening I-5. We're also extending the trolley and adding Coaster stations, reworking bus routes. And today is Bike to Work Day. Let's take a Life Cycle Assessment approach to transportation planning? What steps do we need to pursue?
1. Why does SANDAG care about transportation? Why does UCSD worry about transportation?
2. What should society's objectives be? Reduce traffic, reduce cars, reduce pollution, reduce risks of car accidents due to congestion?
3. What transportation strategies are at our disposal?
4. What has Curitiba, Brazil, implemented? Why?
5. Are there aspects of the Curitiba system that would be appropriate in San Diego? Are there aspects that would not be appropriate?
6. Curitiba is rainy and mountainous. Are there things that might be more feasible in San Diego than in Curitiba?
7. How do we take the 3 Es into account? (Note: Equity is a big issue with transportation, economics have always driven transportation planning, and environment is our focus....)
8. What data would we need in order to carry out a life cycle assessment? How would we assess the data? What criteria matter? And what conclusions might you expect to see?