



Planning and Development

What Is P+D?

- ⦿ Urban development
- ⦿ Energy efficiency
- ⦿ Community health
- ⦿ Transportation
- ⦿ Land Use
- ⦿ Population Growth

Solar and Garden Roofs

- Production of electricity
- Fresh, local produce
- Good use of space
- Community building
- Cost of maintenance

Water Recycling and Lawn Maintenance

- ◉ Rain barrels
- ◉ Gray water
- ◉ Dual-flush toilets
- ◉ Lawn watering
- ◉ Lawn fertilization

Alternate Materials

- Insulation: walls and windows
- More windows for natural light
- Self-regulating temperature
- Bird-safe windows
- Hand dryers replacing paper towels

Why Transportation?

- ◎ Growing population
 - > → more cars
 - > → increased congestion and air pollution
 - > → transportation issues

The situation now

- ◉ Most transportation choices being offered are not always
 - > Timely
 - > Sanitary
 - > Safe
 - > Environmentally friendly

The situation now: Cars

Pros

- Freedom
- Individual ownership
- Less reliant on others
- Keeps jobs in the auto industry

Cons

- Carbon emissions into the atmosphere.
- High amounts of traffic
- Wasted money on gas and repairs
- Insurance is highly priced
- Drunk/distracted driving on the rise
- Road maintenance wastes public funds

The situation now: Buses

Pros

- Cheap
- More efficient with larger loads
- Extra amenities (e.g. wi-fi)
- Accessible
- Widespread
- Easily implemented

Cons

- Potentially unreliable
- Unsanitary
- Confusing schedules and markings
- Seasonal changes
- Still has many carbon emissions

The situation now: Light Rail

Pros

- Efficient with large loads
- Less drunk driving
- Fast transport
- Little environmental impact during operation

Cons

- Expensive to build and operate
- Potential environmental impacts during construction
- Strict schedules