

# eBikes

- Bicycles
- Ebikes
- Infrastructure



# Why bicycle?

- Quality of life
- Low cost of ownership
- Constant travel time
- Safety

# Quality of Life

- People don't honk at each other on bikes
- Improves mood

# Low cost of ownership

## Cars

- ~\$400-\$800/month

- Bicycles

- ~\$8-\$25/month

# Constant Travel Time

- Missed your bus?
- Caught in traffic?
- Can't find parking?

# Why not bicycle?

- It's a bit slow
- Exposed to the elements
- Cars do not like bicycles
- Less cargo space

# Velomobiles



# Why eBike?

- Equalize biking strength
- Extend biking distance
- Arrive composed
- Speed



# Why not eBike?

- More expensive than bicycling
- Repairs
- Time overhead
- Weight

# Infrastructure and Laws

- Too slow for cars, too fast for bikes
- Allowed in the bike lane
- Controversial in NYC
- To be classified as ebike in USA must:
  - Limited to 20 mph assist
  - Have working pedals
  - 750 watts or less

Try it!