

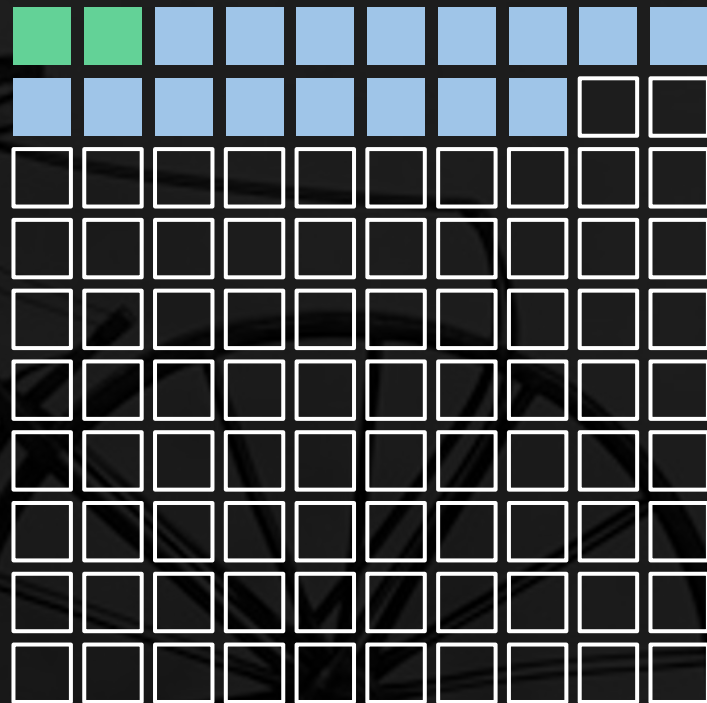
Bike Leap

Bike + Bus Rapid Transit

**18% of the population
bikes, but only 4% of
those cyclists bike
commute. Why?**



Trend: cycling rates have *doubled* in the last 20 years.

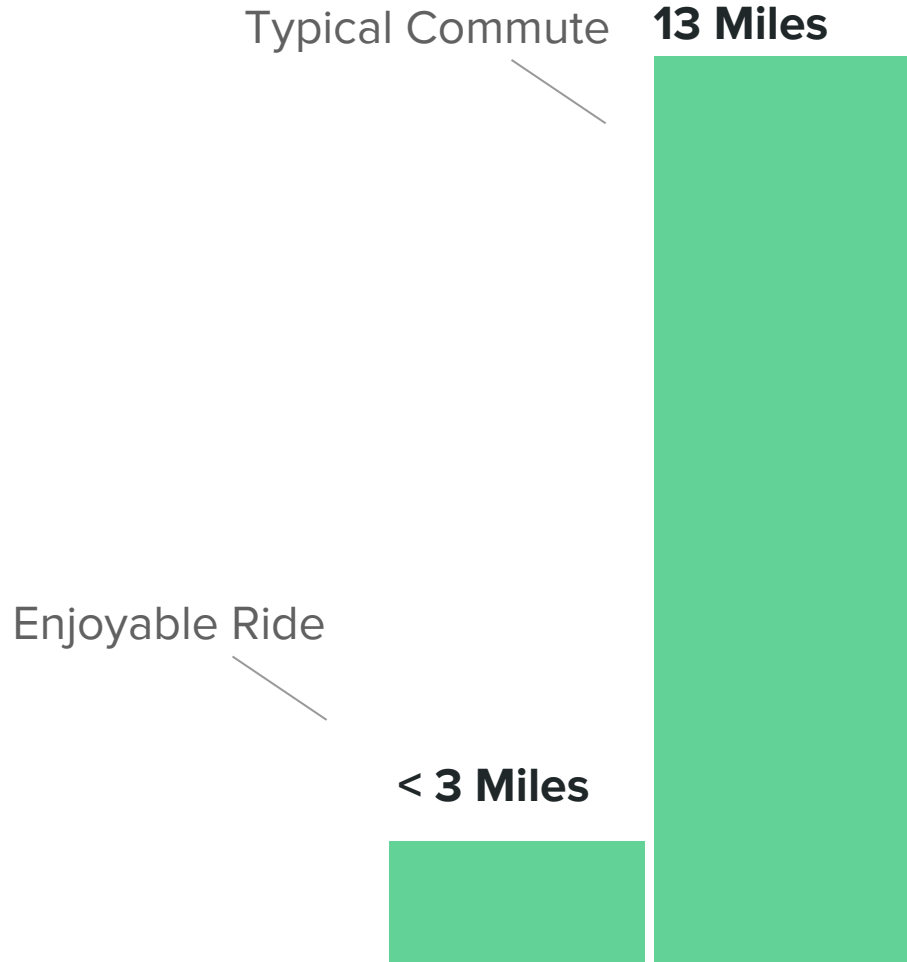


Bikes are fun

and convenient for short rides.

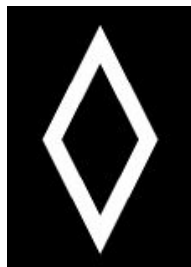
However,

most commutes are longer than a comfortable ride, or have challenging bike logistics.



The solution

Make inter-city commutes great by seamlessly connecting bike rides and express buses.



Cyclists meet at pick-up points and get on an express commuter bus with space for every bike.

At the other end of the route the cyclists finish the ride to their destination.

First mile

Long haul

Last mile



A Morning Commute

Step 1

Reserve a seat

The cyclist chooses a route and makes a reservation ahead of time that guarantees them a seat. All payment is electronic.



Step 2

Collect

Cyclists are reminded via SMS when it is time to go. They bike to the pickup and get into a waiting express bus. Folding bikes stow below in the luggage area.

Step 3

Disperse

Riders head off to a great day - active, happy, and on time.

Evening commutes are the same in reverse.

Service Models

Commuter

Per-ride

- Per-ride fee based on route.

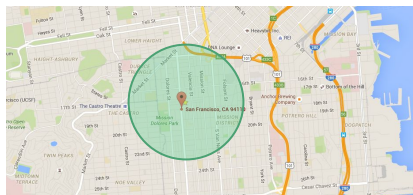
Subscription

- Reservations
- Bike subscription / membership fee

Employer

Employer-based subscription

A single vehicle can efficiently serve 10 mi² with a single stop.



Vehicles

Shuttle

- 12 riders
- Utilizes an external bike rack / custom cargo area.
- **Express Bus**
- 40 riders
- Riders use folding bikes stowed in luggage area.

Why This is Great

Commuter

- Faster door-desk times
- More comfortable
- More productive
- Healthier
- Less stressful

Employer

- Stop locations are flexible and 30% more efficient
- Reduced GHG footprint
- Productivity benefits from wifi enabled commuter bus
- Benefits for employee health and wellness
- Bikes can be integrated into a campus bikeshare system

Environment

- Shuttles and buses reduce emissions over drive modes, including carpools.
- Individuals who start cycling even once week may extend over time.
- 2X Reduced VMT:
 - Drivers switch to BikeLeap
 - Route is shorter on the most inefficient segments.

My vision is to make bicycles the bar-none, absolute best choice for commuting in the Bay Area



Tai Stillwater

Bicycle commuting for 20 years

Road safety scientist & product designer at Zendrive, lead on multiple Vision Zero projects (2014-15)

MTC SmartDrive PI, results of my study led to a new Bay Area MPG initiative (2014)

PhD in Transportation Policy at UC Davis, ITS (2011)

Launched a bikeshare program at UC Davis & helped lead the community bike repair collective (2005)

Captain of a World-Record holding speed bike team from UC Berkeley (1998-2001)