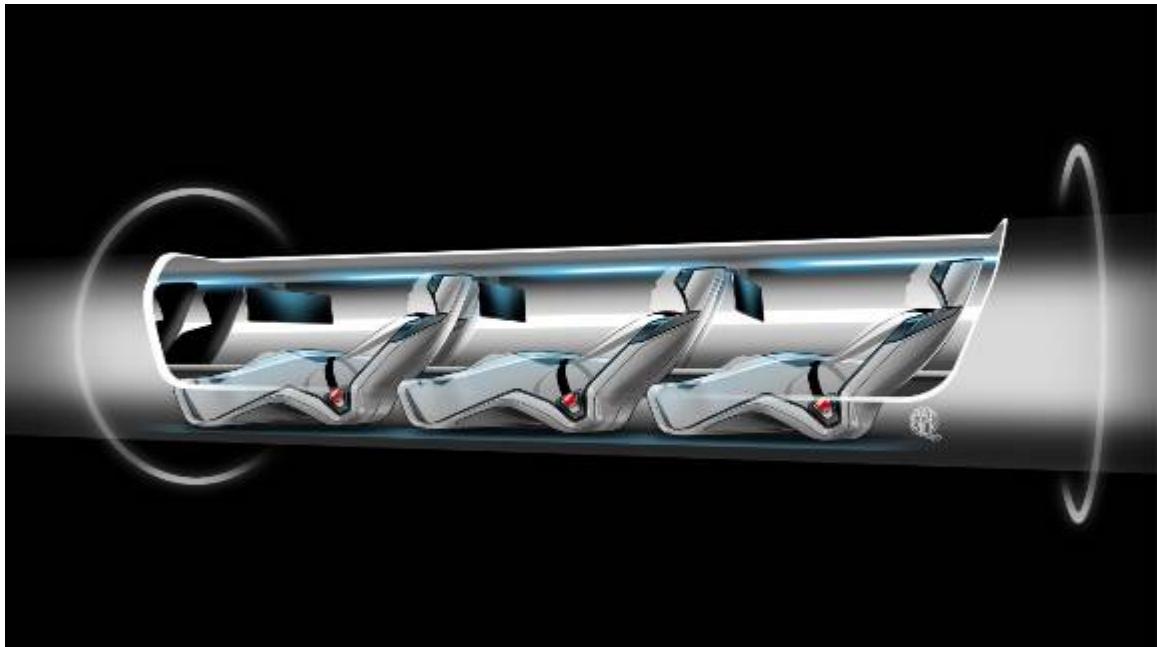


Innovations in Transit

Innovations in transit: Engineering ideas



http://www.spacex.com/sites/spacex/files/hyperloop_alpha.pdf

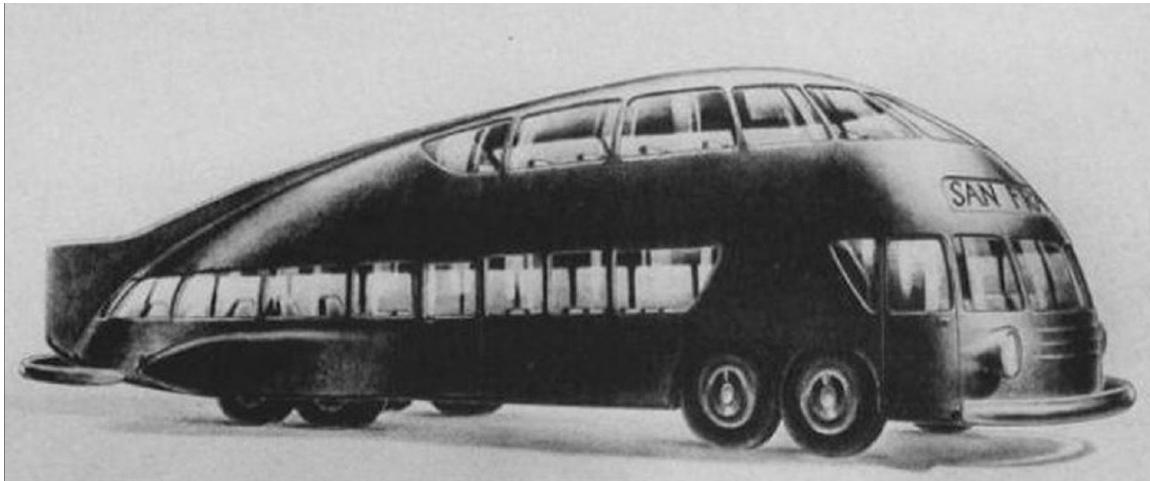


Schweeb Inc.



Shenzhen Hashi Future Parking Equipment Co.

Flashbacks



Norman Bel Geddes- Intercity Bus 1934



© Aereon Corp. 1975 Aeron 26



<http://www.luftfahrtarchiv-koeln.de/hindenburg.htm>

Other transit ideas

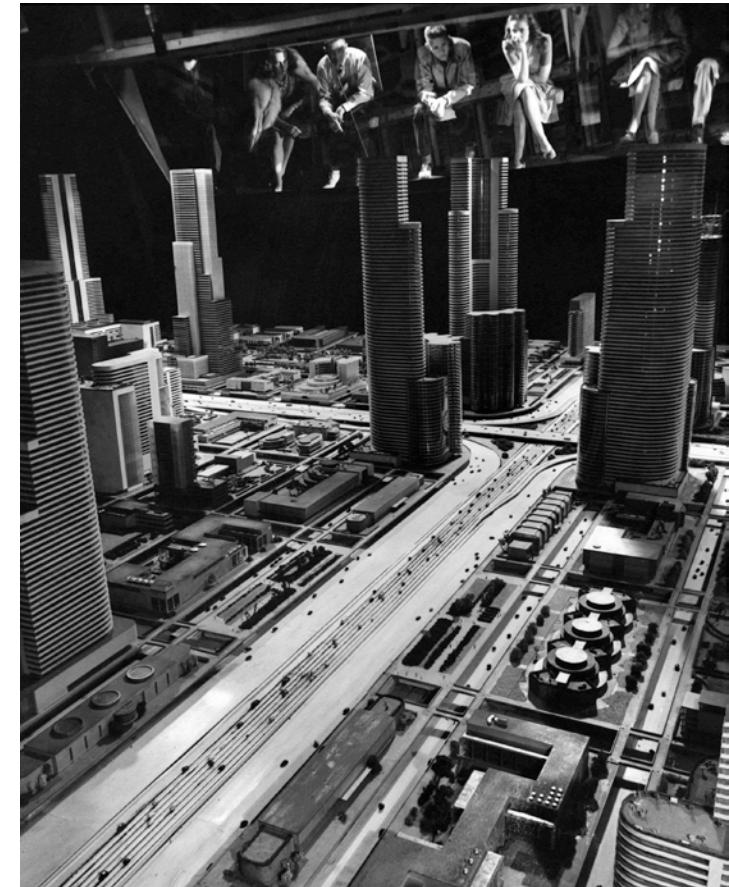
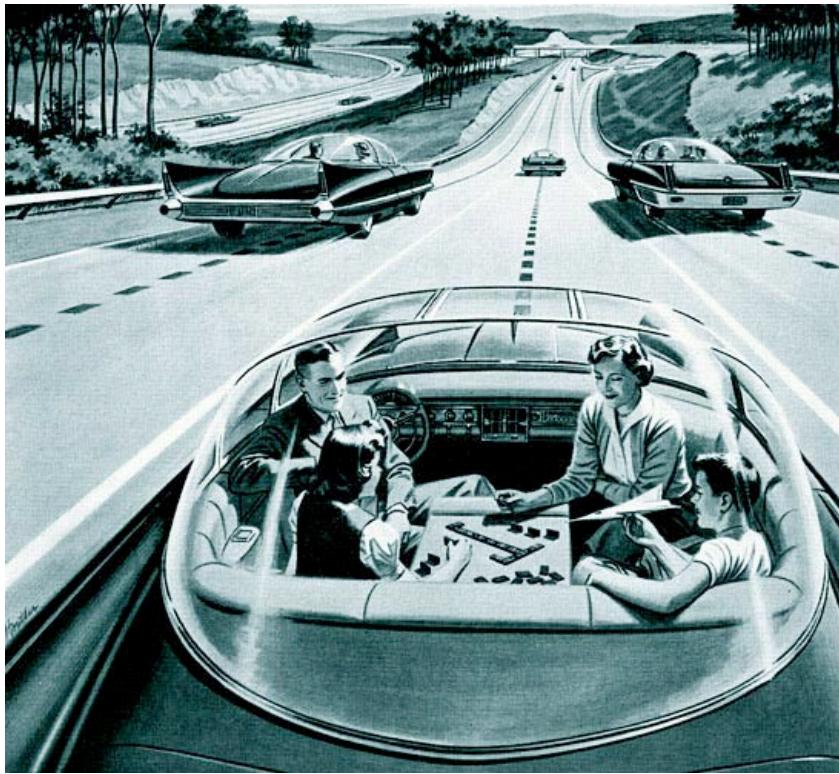
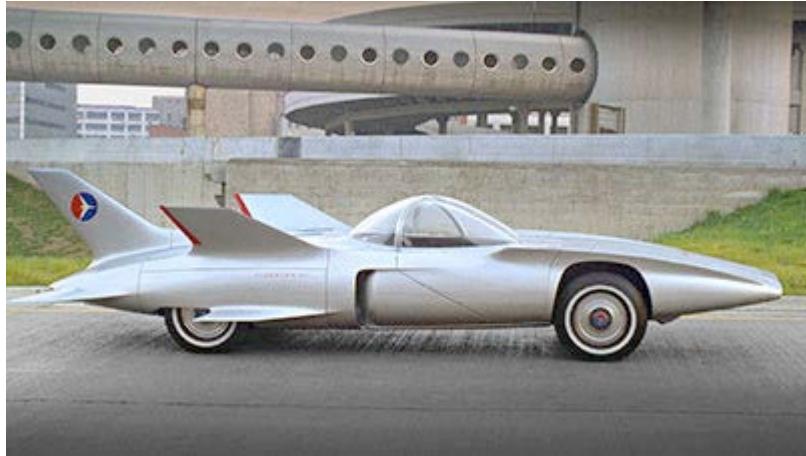


PRT ideas- Ultra Light- 4 seater

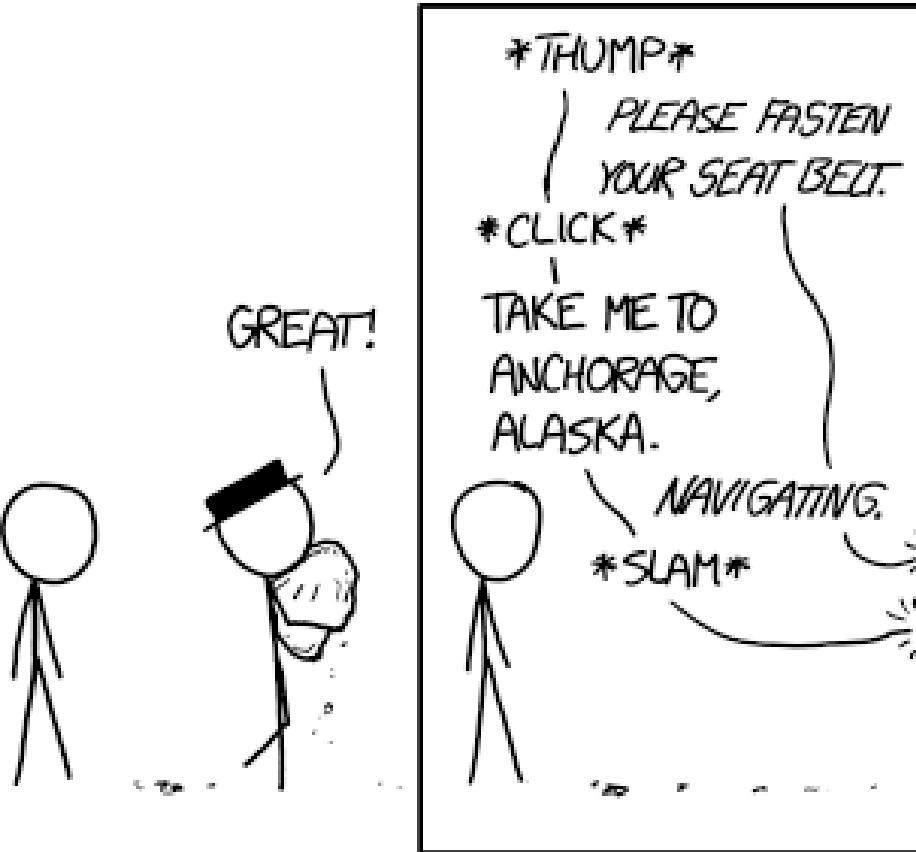
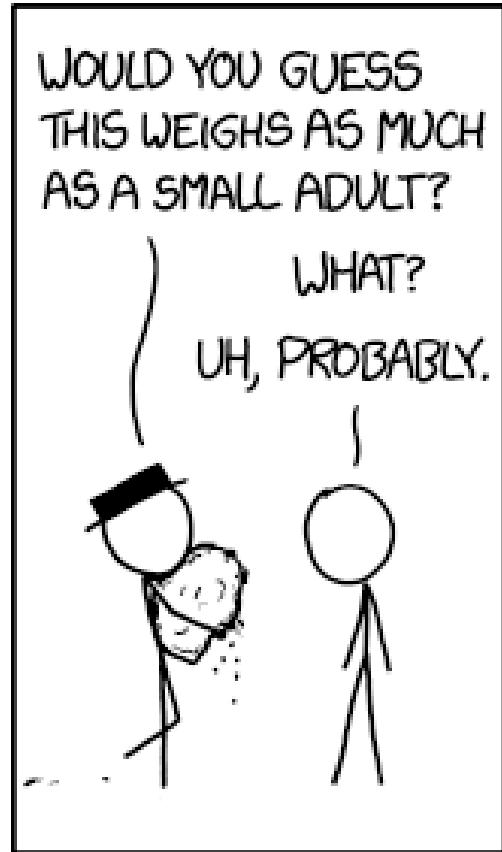


800 people a day, from the Business parking area to one airport terminal. 2.4 miles.

Driverless vehicles



XKCD 1559



Sadly, it probably won't even have enough gas to make it to the first border crossing.

Why not build really innovative transit?

- Transit projects take too much time & money to add risk factor of radical technology change
- System needed but project by project decisions, can't shift technology mid system
- Mode wars
- Route wars
- Car access still prioritized
- Active transportation is seen as amenity, social service, or threat

Innovation NOW



System innovation NOW



Station innovation NOW



Lisbon, 75 m passengers per year



Stockholm, 225,000 per day



Madrid

GRADING CALIFORNIA'S
RAIL TRANSIT STATION AREAS:
A Ranking of How Well They Accommodate Population
Growth, Boost Economic Activity and
Improve the Environment

October 6, 2015

**A Report Prepared for Next 10 by the
Center for Law, Energy and the Environment at
UC Berkeley School of Law**

Ethan N. Elkind¹

Michelle Chan²

Tuong-Vi Faber³

Build future historic places



The **Blytheville Greyhound Bus Station** is located at 109 North 5th Street in [Blytheville, Arkansas](#). It is a single-story island-type station with rounded corners, and projecting canopies on either side. The main entrance also has a rounded canopy over it, and a vertical sign rising above, advertising the [Greyhound Bus Lines](#). This station was built by the company c. 1937, when it was undergoing a major expansion campaign. The building is one of the finest examples of Art Moderne styling in the state.^[2]

The station was listed on the [National Register of Historic Places](#) in 1987.^[1]

Innovations that work now



Keep innovating



Keep building



People are waiting

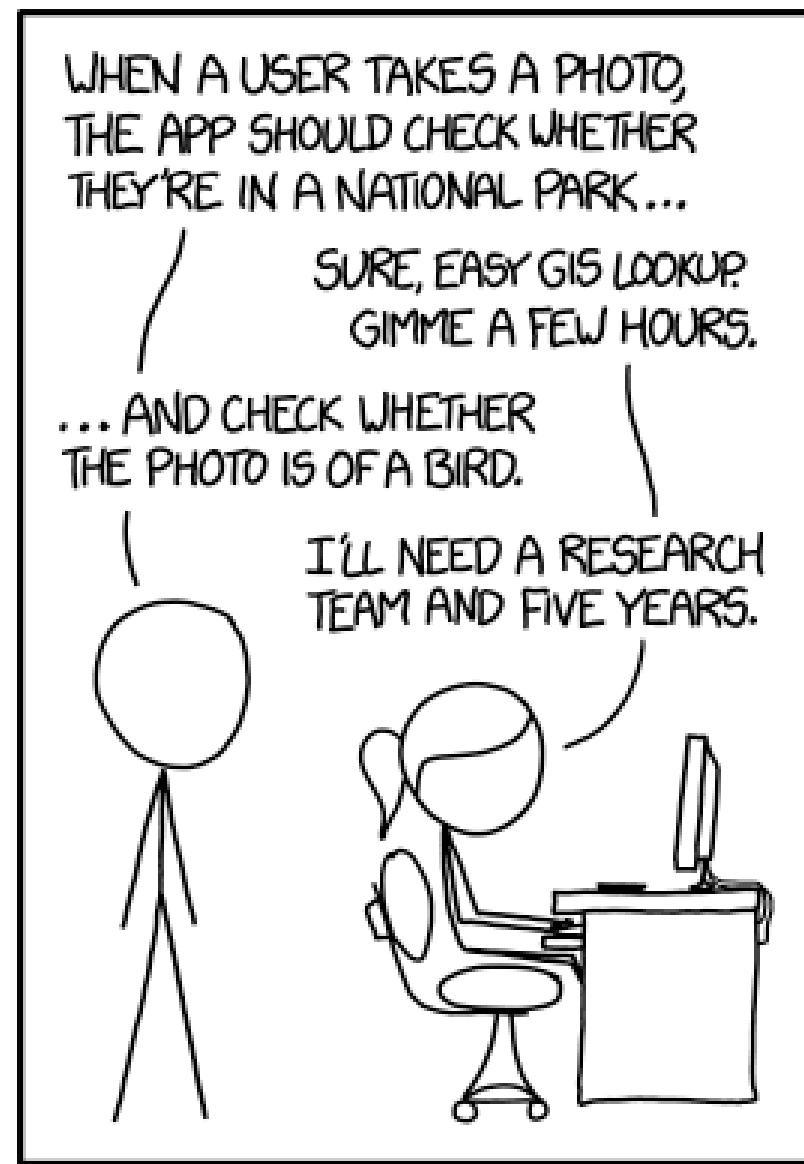


More people every day, waiting



XKCD 1425

In the 60s, Marvin Minsky assigned a couple of undergrads to spend the summer programming a computer to use a camera to identify objects in a scene. He figured they'd have the problem solved by the end of the summer. Half a century later, we're still working on it.



IN CS, IT CAN BE HARD TO EXPLAIN
THE DIFFERENCE BETWEEN THE EASY
AND THE VIRTUALLY IMPOSSIBLE.

Use what you have to change the world

