



Gist: No traffic, 10 times lower operating and capital costs will drive adoption of JPods networks. Videos: [90 second summary video](#) and [Red Bull TV Documentary](#) (JPods section starts at 9:30). [EBook](#) explaining how transport and energy networks will digitize just as communications did.

Traffic Problems - - JPods Solutions:

1. Commerce and community are pedestrian activities. World Economic Forum: [Only 1.2% of land area in the 35 largest US cities are walkable land and generate 20% of GDP.](#)
 - Deploy between pedestrian niches such as airport terminals to hotels, to trains, to car rental, to parking.... [DFW](#), [Love Field](#), [Atlanta](#), [Boston](#), [San Jose](#), [BWI](#), etc....
 - JPods make walkable cities with mesh [networks that remove 60% of car-trips.](#)
2. Life requires energy. The Economy is a subsidiary of Energy. The [Dallas Federal Reserve forecast](#): “Shale core exhaustion and inventory concerns are mainstream and well-documented issues. Shale will likely tip over in five years, and U.S. production will be down 20 to 30 percent quickly. When it does—this feels like watching the steam roller scene in Austin Powers. Oil prices in the late 2020s will be something to behold.”
 - JPods power mobility within a solar budget from solar-collectors over the guideways.
3. Grade-control enables freight railroads to average 188 times greater efficiency than highways, 470 ton-mpg versus moving a person at 25 mpg ([Warren Buffett](#)). Yet highway [traffic costs Americans \\$2.76 trillion/year.](#)
 - JPods are grade-separated guideways from which ultra-light self-driving vehicles move people and cargo using [10X less energy than cars, trains, or buses.](#)
4. We have known the solution to urban traffic and oil problems since President Nixon sent his daughter Tricia to open the [Morgantown PRT](#) (similar to JPods) in 1972.
 - Improve on the Morgantown PRT in two important ways (US Patent 6,810,817):
 - **Robots replace the central computer control system:** “A method of controlling a transportation System for moving people, freight, and any combination whereof using a distributed network of intelligent devices without requiring the aid of a human driver”
 - **Networks are solar-powered:** “The method... providing... Solar and wind power generators integrated into the physical Structure of Said transportation System....”
5. [Congressional study PB-244854, “Automated Guideway Transit”](#) found the Morgantown PRT is the solution to the 1973 Oil Embargo; that “institutional failures” block PRT networks for “four to six decades (aside from some relatively minor cosmetic changes)”.
 - JPods has broken the “institutional failures,” [vote by the North Central Texas Coalition of Governments to allow DFW cities](#) to have JPods networks.
 - [S.2159 Pending in the Massachusetts Legislature.](#)