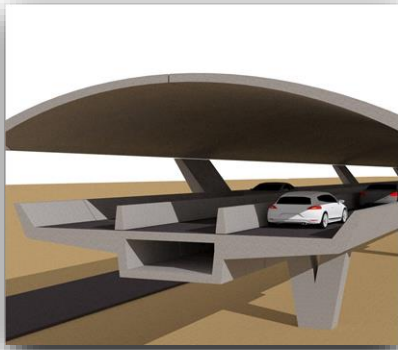


Solar Transportation Technologies, Inc.

Solar Transportation Technologies is proposing a revolutionary, continent-wide, electric, transport system called Freedom Mass Transport (FMT)[™]. Based on self-driving electric vehicles that access an elevated three-lane Hyperlink Toll-Road[™] that powers and controls the cars. This revolutionary solar-powered system is for both passengers and freight. It will outperform today's fuel base vehicles, trains, and even short-haul flights, with low-cost, high speed (140 mph) non-stop transport from entry station to exit station. Freedom Mass Transport (FMT)[™] replaces other transport modes reducing congestion, accidents, air pollution, and the threat of global warming. Freedom Mass Transport is an Affordable Green Deal as it will generate new tax revenue in the billions without increasing the tax burden and is funded mostly by millions of small investors.

Patented technology

Patent 8,483,895 Issued: 7/9/2013



The FMT Hyperlink Toll Roadway[™] is

- ✓ A Nationwide Network of elevated toll roads
- ✓ Accessed via Stations or Terminals
- ✓ High-Speed (140 mph)
- ✓ Solar-powered
- ✓ Weatherproof
- ✓ Created by a Public-Private Partnership
- ✓ Funded mostly by small investors
- ✓ For all vehicle types
- ✓ For both Passengers and Freight
- ✓ Equivalent in capacity to a 14 lane expressway
- ✓ An eventual replacement for the interstate highway system



The FMT Hyperlink Vehicles[™] are

- ✓ All electric
- ✓ Self-driving
- ✓ Powered by the roadway
- ✓ Controlled by the roadway
- ✓ Manually or Autonomously Driven
at street level on battery power for door to door service
- ✓ Electric cars, vans, crossovers, SUVs, lite trucks, heavy trucks, travel vans, and motorhomes



The FMT Hyperlink Stations[™] provide for

- ✓ Vehicles parking
- ✓ Control of vehicles exiting and entering the hyperlink roadway
- ✓ Access every four miles along the route in urban areas
- ✓ Retail stores
- ✓ Personal services
- ✓ Automated fast-food and package delivery dispensing chutes**
- ✓ Vehicle automation checks and travel worthiness vehicle inspections every time FMT is used



** Fast-food ordered during travel to the exit station is prepared for dispensing at the time the vehicle reaches the exit station, and any goods ordered online can also be dispensed at the exit station. Multiple dispensing chutes are available and sense which car is in line for each chute, making pickups quick – no need to wait in long lines for fast food or packages. Supported on another level of the station, multiple fast food vendors prepare and dispense food. An automated dispensing system delivers packages and food.

Freedom Mass Transit Economic Impact New Infrastructure Implementation

The Hyperlink toll roads will be built along high traffic routes first. Revenue from these routes will then fund a nationwide Hyperlink toll road network. Implementation is divided into 50 to 200-mile hyperlink toll road independent segments, based on the distance between the cities. Each section maintains its financing and is a business entity with its own management structure.

Stakeholders	Percentage
Government	20%
FMT Organization Franchise	10%
Small Investors -- \$5,000 shares max investment \$100,000	70%

- The Government gets a special 20% of net income as a transport tax.
- The FMT organization is a franchise that funds and manages the construction and operation of each segment of the hyperlink toll road. The franchise gets 10% of net income and 10% of gross income franchise payment. The FMT also creates a superfund for Hyperlink toll road network expansion in areas of lower transport traffic.
- Small investors have a new type of investment based not on sales of goods but on the transport of materials and people, which will continue as long as the infrastructure lasts. Small investors can trade shares and receive a shared dividend of 70% of net income.

New Infrastructure Cost

- Cost per mile \$37.1 Million
- Cost Nationwide for 17,000 miles \$631.5 Billion



Revenue Generated Annually

Revenue comes from usage fees of 49.6 cents per mile per vehicle

- Average Net revenue per mile \$18.8 Million
- Average Net revenue nationwide \$370 Billion potentially
- Payback 4.4 years average

Stakeholders Annual Returns based on an initial 17,000-mile network.

- Small Investors would share an annual dividend of \$160 Billion **
 - An \$70,000 investment would pay \$26,707. Annually **
 - Government direct tax revenue \$109.5 Billion annually **
- ** (Based on Average Annual Daily Traffic (AADT) of 289,694 at 60% of current traffic)**

Economic Benefits

- All-electric self-driving tractor-trailer (18 wheelers) would reduce long-distance transport time by 70% and fuel cost by 60%. Secure, fast, transport would have a positive effect on the economy.
- Millions of people with Hyperlink toll road income could help pay for retirement and healthcare, reducing the dependence on Medicare and Social Security.
- Millions of acres of interstate highway land will be available for other use.
- Lower cost travel and very low-cost group travel would benefit the economy.

Environmental Impact

The transportation sector generates the largest share of greenhouse gas emissions. (nearly 28.5 percent of 2016 greenhouse gas emissions) – Greenhouse gas emissions from transportation primarily come from burning fossil fuel for our cars, trucks, ships, trains, and planes. Over 90 percent of the fuel used for transportation is petroleum-based, which includes gasoline and diesel.

<https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions>

The Hyperlink toll roads powering electric vehicles with solar power could save us from global warming if developed worldwide. America would be the leader providing examples and technology to the rest of the world.

Summary

Hyperlink Freedom Mass Transit toll roads provide high-speed transport of both goods and people will have a significant impact.

- 50% reduction in the city to city travel time
- 75% reduction in commute time over driving on city streets
- The toll is 49 cents per mile for the vehicle not per passenger
- Very low-cost group travel (LA to San Diego cost \$6.20 per person with 8 passenger van)
- Elimination of most traffic accidents, injuries, and fatalities
- Elimination of most traffic congestion delays
- Elimination of most weather-related delays *
- 15% reduction in cost for transport **
- 70% reduction in air travel flights***
- More personal time (shorter travel time)
- More productive time (able to do other things while traveling)
- New job opportunities
- New economic development

* The Hyperlink toll road has a roof over the roadway making travel weatherproof

** The true cost of car travel is summed up by the IRS allowance for business car travel. For 2019 the rate is 58 cents per mile while the fee for FMT is 49 cents per mile, which includes vehicle rental and energy.

*** 70% of domestic flights are less the 500 miles, and when airport time is included, FMT is faster out to about 700 miles. <http://www.wsj.com/articles/SB10001424052702304691904579349264138993436>

Future Expansion

As the Hyperlink toll road expands, eventually equaling the size of the interstate highway system at 47,000 miles. Total system revenue would approach \$2 trillion, with the government tax revenue about \$370 billion. Thirty million small investors would share a dividend approaching \$715 billion.

When people can travel more easily, at any time, young and old, who now can go on their own, and increased leisure and sightseeing trips will cause very high travel volumes.

An Affordable Green Deal

Global Warming Reduced

NO massive government spending, NO carbon tax, just a better way to travel.