

A SUMMARY OF THE TEV SYSTEM ON ONE PAGE

TEV IS LIKE A SLOT CAR TRACK – BUT FOR FULL SIZE VEHICLES

- It could be the **fastest, safest, most versatile** land transport system **ever**
- It uses **real production cars**, the most highly developed product in history
- In the long term, all TEV vehicles will be pollution-free EVs
- In the short term, engine-powered vehicles will also be allowed
- TEV dual-mode vehicles can drive on the road and on the track
- TEV single-mode vehicles, like driverless taxis and minibuses, stay on the track
- Private vehicles, public vehicles and commercial vehicles can all use TEV
- Vehicle size is restricted. No big buses or trucks are allowed

ULTRA-RELIABLE TECHNOLOGY AND LOW COST

- TEV uses existing technology. **No technical breakthroughs are required**
- TEV vehicles have rubber tires with exceptional traction and braking capability
- Cost per mile for the factory-built track is much less than railways or motorways
- TEV will be a profitable infrastructure investment paid for by tolls

ULTRA SAFE SYSTEM

- Vehicles can stop from 200km/h in 60 meters. Trains can take over 3 kilometers.
- Optional roof keeps off snow, rain or sun. Solar panels are optional
- TEV has no traffic lights, intersections, crossings, trees, ditches or shared lanes
- There is **no overtaking** of other vehicles, just calm, single-lane, automatic cruising
- **Close-coupled convoys** enhance safety by eliminating speed differences
- Restricted-access tracks with side barriers provide **incomparable safety**

ULTRA ENERGY EFFICIENT

- EVs can be **twice as efficient** on a TEV track as they are on normal roads
- TEV's **extremely high efficiency** comes from: steady speeds, streamlined vehicles, reduced air drag due to its convoy system, banked turns, direct electrical power to the motors and **no stopping**

ENDLESS RANGE WITH NO BATTERY PROBLEMS

- TEV vehicles **never have to stop for refueling** - even when they cross a continent
- On-board batteries on EVs get **recharged** while on the track, not discharged
- EV batteries can be smaller, lighter, cheaper and last longer due to less deep cycling

PRACTICAL FEATURES

- **Huge passenger-carrying capacity.** One TEV lane equals 10 normal road lanes
- Compact size allows TEV to use low-cost bridges, tunnels and elevated tracks
- TEV is faster, **door to door**, than high speed trains - and much more convenient
- **Automatic parking** available in airports, cities, and out-of-town car parks
- TEV vehicles can climb hills and go around tight curves unlike rail transport
- Energy comes from wind, solar and, hopefully, small, safe, liquid-fuel thorium reactors.
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