The 5th Mode of Transportation
TransPod Inc. is a Canadian company working to build the next generation of ultra-high-speed transportation -- hyperloop
Company information

- Founded: 2015
- Headquarters: Toronto, Canada
- Investment and Strategic Partner: Angelo Investments, Italy

Product Characteristics

- “Pod” vehicle travels in a vacuum tube
- Capable of reaching 1220 km/h
- Automated Vehicle

Market Implication

- Ultra-high-speed passenger travel
- Near-supersonic freight delivery
- Eliminates jet fuel requirements of aircraft
  - Reducing carbon emissions
Vehicle Subsystems

- Axial Compressor: to bypass air flow
- Cabin Air System: similar to aircraft
- Linear Magnetic Propulsion Drive
- Active Magnetic Levitation
- Pressurization and Thermal Management

TransPod Advantages

- Aircraft-based control system
- Reduced tube infrastructure cost, from innovative tube design
- Advanced power-transmission system for high-speed
- Artificial Intelligence-based stability mechanism
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