

Toipc For Presentation : High Tech Public Transport/Hyperloop Technology.

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Abstract : new public transportation is needed ? the questions arises here. In this paper the new emerging trends in transportation like Metrino, Pod taxis, Hyperloop technology, Stadler Bus, hybrid bus, Freight railway system is included. basically why it is necessary what are challenges for government is tried to covered. Metrino : It is fully automatic small pods travel independently suspended over an overhead network. Pod Taxis : Small automated vehicles cable cars or pod cars equipped to carry a small group of passengers. Hyperloop : Pod-like vehicle is propelled through a near-vacuum tube connecting cities at speeds matching that of an aircraft. Stadler Bus : Tram like high frequency bus service for end to end connectivity. Hybrid Bus : Transport system uses hybrid propulsion systems, consisting diesel and electric ones. Freight Rail System : Elevated corridors would be built with rail lines where freight trucks can be placed. It would move on rails at high speed, reducing freight time and increasing freight quantity. Present levels of urban mobility are already generating many problems such as; high levels of congestion, environmental pollution, traffic fatalities. Present infrastructure for transportation is focused on mobility of vehicle rather than that of people. Nearly, 30 and 60% of a metropolitan area may be devoted to transportation, an outcome of the over-reliance on some forms of urban transportation. The scheme would provide a holistic solution for urban transportation problems ranging from parking policy, congestion pricing to transit oriented development.