

Transit Elevated Bus

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Abstract: *The Transit Elevated Bus (TEB) (simplified Chinese: traditional Chinese: pinyinis a proposed new bus concept where a guided bus straddles above road traffic, giving it the alternative names such as straddling bus, straddle bus, land airbus, or tunnel bus by international media. A trial was scheduled to begin in Beijing's Mentougou District by late s2010. However the project was not given authorization by the district authorities because the technology was considered to be too immature, and further trials were subject to the development of a concept to prove the system actually works. The city of Manaus, Brazil, has also evaluated the option of installing a straddle bus in its city streets. At the time of the 2016 unveiling of the scale model, it was reported that a prototype would be deployed by mid-2016 in Qinhuangdao. Four other Chinese cities, Nan yang, Shenyang, Tianjin, and Zhoukou, had also signed contracts for pilot projects involving the construction of test tracks beginning in 2016. However a claimed test of a prototype design was heavily criticized in August 2016, and appears to be abandoned as of December 2016.*

Keywords: Solar panel, Battery, Regulator IC, Sensors, Motor drive, Motor wheel

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