

Road Spectrum

a new way to manage congestion, pricing
and access on all types of road

TEXXI
transit exchange

Contents

1. Primer

2. Innoson leads the way

3. 21st Century Roads



A PRIMER ON Transit Exchanges

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In the world of aeronautics, automatic dependent surveillance broadcast (ADS-B) systems are fundamental to the safe and efficient management and functioning of airspaces in both the civilian and military domains. The goal of a transit exchange is to bring these innovations to ground transport, allowing for an overarching artificial intelligence (AI) based transit operating system





Innoson - Leading the way

The key way in which roads can be funded can be linked to how vehicles are financed.

The Transit Exchange is an innovation in road management and financing which treats all roadspace in a country in much the same way as airspace or electromagnetic spectrum is managed.

The revenue collected from the tolls is split 4-ways:

- 1) the franchisee (who has bought a licence)
- 2) the road operator (to maintain the road)
- 3) the transit service providers (who have car leases)
- 4) the citizenry (who are paid to not use the road)



Gamechanging innovation for Africa

WHAT A TRANSIT EXCHANGE WILL DO

The system is identical to that of energy contracts on virtual markets, where those subscribers who do not draw energy at peak times can even receive a payment (a negative cost) for doing so.

New African Roads

- The more new roads there are, the more market there is for Innoson vehicles.
- The default rate on autoloans can be managed since all vehicles operating on the roads have to pay a toll and can be prevented from using the road if lease payments are late.
- The market for spares and maintenance will boom as a result of more vehicles in the first place