

PRESENTATION SRI LANKA



**Ministry of Transport &
Ministry of Environment
Sri Lanka**

Seventh Regional EST Forum in Asia

Nusa Dua, Bali, Indonesia, 23-25 April, 2013



Distinguish guests . . .

I am happy to
make this presentation
as the deputy minister
of transport
In Sri Lanka
at this 7th regional
EST forum
in Bali, Indonesia,
2013



Deputy Minister of Transport
Hon Rohana Dissanayake



His Excellency the President of Peoples Republic of Sri Lanka Mahinda Rajapaksa



Minister of Transport
Hon. Kumara Welgama



Minister of Environment & Renewable Energy
Hon. Susil Premajayantha





Agenda

- **Bangkok Declaration 2020 – Progress in Sri Lanka**
 - **“Avoid” Strategies**
 - **“Shift” Strategies**
 - **“Improve” Strategies**
 - **“Cross-Cutting” Strategies**
 - **“Challenges in EST”**



Avoid Strategies

- **Strategies to Avoid unnecessary travel and reduce trip distances**
 - **Focus is on the use of ICT to the maximum to avoid travel whenever possible.**
- **Govt Information Centre (1919)**
- **Rigorous promotion of use of ICT and process re-engineering both in Govt and private organizations.**
 - **Transport : Automated Seat Booking**
 - **Mobile Banking and other services remotely**
 - **Country e-service Portal (www.srilanka.lk)**



Avoid Strategies (Cont.)

- **Strategies to Avoid unnecessary travel and reduce trip distances**
 - **Country-wide Road network improvement.**
 - **Integrated land use planning in new cities - Hambantota**



Shift Strategies

- **Strategies to shift towards more sustainable transport modes**
 - **Walkways and dedicated Cycle Lanes in main cities**
 - **Bicycle distribution to school children**
 - **Highways connecting main cities**



Shift Strategies (Cont.)

- **Strategies to shift towards more sustainable transport modes**
 - **Better quality Bus and Train Services**
 - **Promotion of train cargo transport.**
 - **Inland water transport services**



Improve Strategies

- **Strategies to improve Transport Practices and Technologies**
 - **Promotion of alternate fuel types**
 - **Lower taxes on hybrid vehicles.**
 - **Mandating vehicle emission testing**
 - **Phasing out 2-stroke engine vehicles.**
 - **Electronic fare collection systems**
 - **Toll gate automation**



Improve Strategies (Cont.)

A Future Bus..(New Technology Perspective)

- Facilitate communication between many devices and Operations Centre

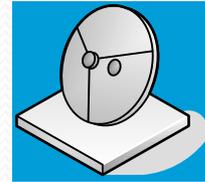
- Issue tickets
- Receive fare revisions automatically
- Send ticket sales data to owner/bank/NTC
-



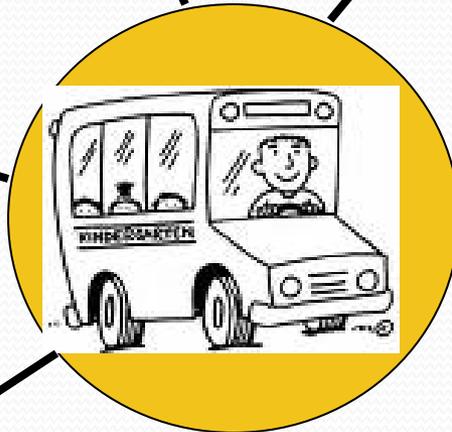
Smart Card Reader



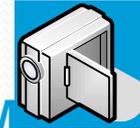
GPRS



GPS



CCTV



EM Controller/s



Video/Audio Systems

- Location/map Info
- Time Table Compliance
- Route Compliance
- Real-time Schedules
- Automatic Log Sheets

- Investigate public complains immediately
- Random Monitoring of buses

- Remote Quality Checking of Buses

- Trace passenger/crew misbehaviors

- Measure Speed, Fuel, AC etc and other mechanical conditions

- Door controls

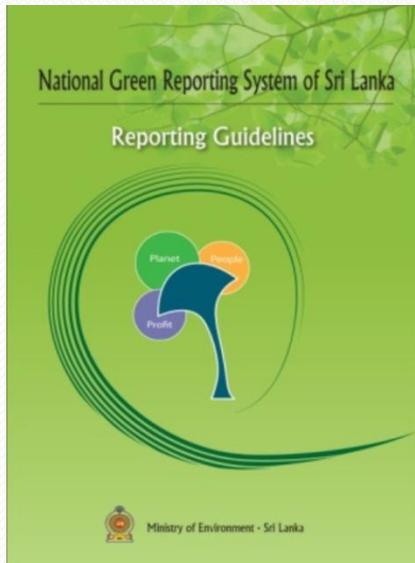
- Immobilise buses that do not comply warnings.

- In-bus entertainment
- Announcements
- Advertising

- Pay for tickets using pre-paid cards
- Reload cards
- Recognise Drivers/Conductors to run the bus

Cross-Cutting Strategies

- Supporting Strategies to better transport systems
 - Safety : Mandating Seat Belts
 - Air & Noise Pollution measurement.
 - National Road Safety Policy and Road Safety council
 - Strict control on public place smoking
 - Initiatives by the Ministry of Environment.



Challenges in EST

- Urbanization –Colombo and Main Cities are getting congested. Widening Roads is not a sustainable solution
- Public Transport is not improving in line with the demands.
- Deep Rooted Beliefs of people Eg. Owning a vehicle is a dream for every average Sri Lankan.
- Lack of proper standards in vehicle maintenance.
- Promoting disciplined use of roads
- Complex Administrative Structure – Transport is a Decentralized Function according to 13th Constitutional Amendment.





Thank You

“Ayubowan”