Sustainable Mobility:
Scenario Beyond the Technology
and Road Pricing

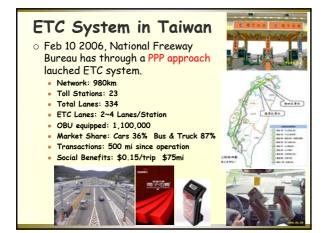
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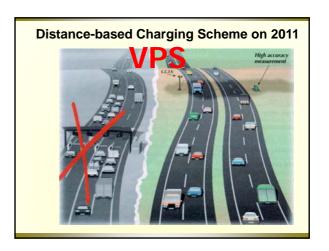
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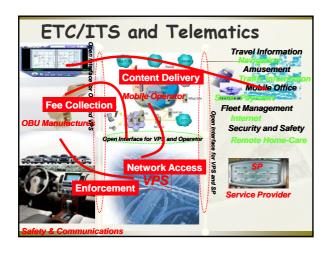
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Agenda

- * Taiwan ETC System
- * ITS Vision
- * Sustainable Mobility: Dream and Scenario
- * Needs for Research and Planning
- * Concluding Remarks







Vision on ITS Development

- * ITS: Intelligent Transport Sustainability + Integrated Transport Solution
- * Travelers make the best choice on departure time, mode, route, and destination with the real time information and appropriate pricing schemes.









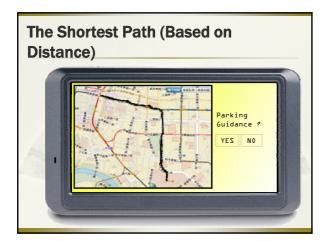




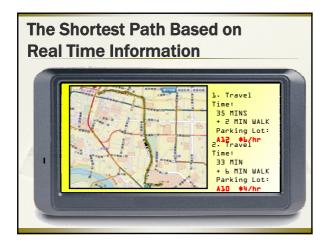




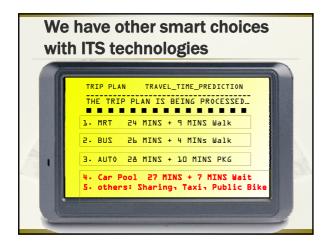


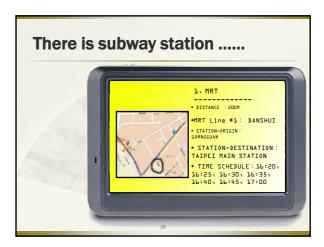


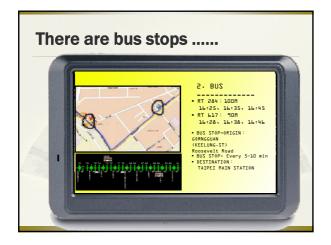




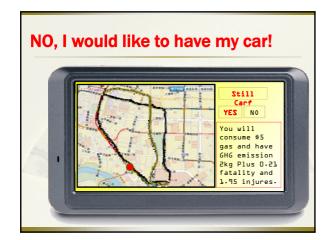


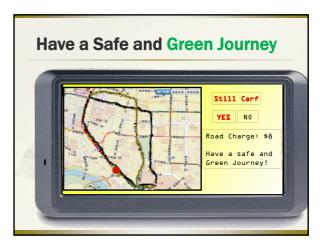


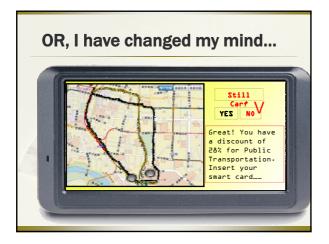












Keywords of the Dream and Scenario

- * External Effect: Benefits and Costs
- * Alternatives: Public Transport Options
- * Demand Management
- * Sustainable Energy and Climate Change

Smart Corridor: Potential Implementation * Deployment of Distance-based ETC * Telematics + ITS * Travel Time Prediction * Infrastructure and Information Contents * Multi-modal Integration * Multi-modal Integration

Needs for Research and Planning

- * Travel Behaviors
- Dynamic Assignment and Prediction Capability
- * Internalization of External Effects
- * Pricing and Tax Schemes
- * Vehicle and Infrastructure Integration
- * Education and Public Outreach

