A Case of Eco-Transportation System In Korea

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What We Do

- Climate & Air
  - GHG reduction policy support
  - Reinforcement of capacity for climate change response
  - Management of ambient air quality & environment
  - Management of vehicle environment

- Environmental Health
  - Promotion of life-based environmental services
  - Provision of environmental public health service
  - Management of hazardous material
  - Prevention of reduction of pollutants discharge

- Environmental Infrastructure
  - Installation support of aquatic ecology restoration and water treatment facility
  - Installation and operation of water and sewage facility
  - Installation and support of environmental energy recovery facility
  - Expansion of international business

- Water & Soil
  - Water and sewage policy support
  - Soil and underground water management
  - Water pollution management and control

- Resources Recirculation
  - Resource circulation program
  - Operation and management of resource circulation system
  - Waste management

Distances = 10km

Introduction

- 4th ESC in Korea for demonstration
- Aimed to Eco city, and designated to Slow city
- Famous tourism site: Bamboo, Meta sequoia trees, Classical literature

Tourism site
Bus stop
Parking area

Exterior
Interior
For kids

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Who We Are

- Establishment: January 1st, 2010
- Classification: Government-affiliated Organization
- Organization: 5 headquarters offices, 6 local regional headquarters, 2 overseas offices (China, Vietnam)
- Human Resource: About 3,000 staff members / environmental experts
- Mission: Contribution to the development of eco-friendly nation by improving environment and promoting resources circulation
- Vision: Green Environment Creator for Nature and Humanity

Damyang County

- Jumokkwon (Bamboo Garden)
- Mt. Chwaol
- Mt. Geumseong Fortress

Eco-friendly Public Transportation System

Introduction of Electricity bus

- Electricity bus: Unique Design, Convenience (Wi-fi, Charge, Information)
- Infrastructure: Charging station, Bus stops

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Problems & Troubleshooting

- Problems
  - Lack of parking areas & Public transportation
  - Traffic Jam & car accidents
  - Increase of Air pollution and Carbon emission

- Setting environment
  - Designation of Car-free street around main tourism sites
  - Construction of Parking area at outer side
  - Establishment of Public transportation system

Distances = 10km
Eco-friendly Public Transportation System

Smart bus stop
- Information: Realtime bus location, news, search by internet
- Convenience: Wi-fi, Charge, Automated Light control
- Safety: CCTV, Emergency bell
- Energy Saving: Renewable energy, LED light

Expected Results

Environment
- Emission Reduction of air pollutants & carbon

Traffic
- Reduction of Traffic Jam, illegal parking, and car accidents
- Increase of accessibility to main tourism sites for residents & tourists

Local Society
- Promotion, more tourists
- Improvement of eco-friendly image & Local economy

Thank you

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