

# A Case of Eco-Transportation System In Korea

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## Korea Environment Corporation

Who We Are

*Closer to Nature, Closer to People*

- Establishment** January 1st, 2010
- Classification** Government-affiliated Organization
- Organization** 5 headquarter head offices, 6 local regional headquarters, 2 overseas offices(China, Vietnam)
- Human Resources** 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

2

## Korea Environment Corporation

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**
  - Promote of life-based environmental services
  - Provision of environmental public health service
  - Management of Hazardous Material
  - Prevention of reduction of pollutant discharge
- Water & Soil**
  - Water and sewage policy support
  - Soil and underground water management
  - Water pollution management and control
- 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
- Resources Recirculation**
  - Resource circulation program
  - Operation and management of resource circulation system
  - Waste management

3

## Damyang County

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

4

## 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

5

## Eco-friendly Public Transportation System

Introduction of Electricity bus

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

6

Smart bus stop

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



Public bike system

- Located at every bus stop
- Rent & return at any bus stop
- Creation of exclusive way for bikes



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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