Taoyuan SULP-Reality Checks

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Taoyuan City and EcoLogistics Community

★ One of the most important economic and trade hubs in the Asia-Pacific region

★ October 27, 2019  Signed a contract with ICLEI to be the first Chair City of the EcoLogistics Community

*The chair term is 2020-2022
Taoyuan SULP-2050 Net Zero Goals

Aiming at 2050 Net Zero Urban Logistics

- **Packing reduction and recycling**
  - Reduce waste and promote recycling

- **Smart storage cold energy utilization**
  - Efficient storage and energy conservation

- **Plan the path to introduce new technologies**
  - Improve logistics efficiency

- **Challenges and Opportunities**

- **Taoyuan 2050 EcoLogistics Net Zero**

- **Renewable energy and land use**
  - Enhance energy efficiency and promote sustainable land use
Challenges and Goals

Urban Logistics Impact in Taoyuan

8 Principles of EcoLogistics

Health, Safety, People-centered
Low-emission, Circular and Regional Economy
Local Approaches

Smart Logistics
- Public Logistics Platform
- Intelligent Management System

Low-Carbon Transportation
- Low emission fleet
- Replace diesel cars

Air Pollution Management
- Diesel cars exhaust inspection
- air-quality sensor

Green Building
- Wind power generation
- Solar power generation
- Low-energy building materials

Communication and Stakeholder Engagement

Over 30 stakeholder meetings at demo sites

On-site visits to logistics industry and relevant firms
Taoyuan SULP-Contents

Local Implementation of the 8 EcoLogistics Principles

- Alternative delivery options
- Low emission vehicles and safer streets
- Multi-stakeholder structures
- Delivery efficiency
- Land use integration
- Consolidation schemes
- Climate friendly models
- Public awareness

Promote low-carbon transportation
Build smart transportation
Stakeholder meeting
Truck dynamic monitoring
Planning loading and unloading area
Establish a mini-distribution center
Promote green procurement
Promote recycling packaging

Improve delivery efficiency
Promote high-tech law enforcement
Ecologistics training seminar
Logistics database establishment
Construction of logistics area
Transported by electric vehicles after the trucks
Counseling the installation of renewable energy devices
Promote environmental education
Taoyuan SULP-Lessons learnt

Integration is the key!

Research Institutions
Institutions for transportation, industrial, information, public affairs, and natural resource management

Neighborhood
- Nearby residents and stores.
- Takoham Environmental Sustainability Foundation
- The Global Logistics & Commerce Council of Taiwan
- Old Street recreation association
- Relevant citizen groups

Government
Departments, Bureaus, and Sectors in Taoyuan City Government

Industry
- Logistics
- Clearance
- Retailer
- Vendor

Media
- CommonWealth Magazine
- others
Thank you!!

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