



GTPO IN TAIWAN

Dr. Lih-chyi Wen

Deputy Director, Green Trade Project Office
Ministry of Economic Affairs

A photograph of a wind farm in a green field under a clear blue sky. Several white wind turbines are visible, with one in the foreground being the most prominent. The turbines are slightly blurred, suggesting a long exposure or a breeze. The text is overlaid on the image in white, bold, sans-serif font, with each word on a separate dark green rectangular background.

Introduction

Green Performances

Successful Cases

Driving Forces

Concluding Remarks

Introduction

- International policy signal for green growth is very clear now
- UNFCCC: COP 21 for Paris agreement and the implementation of INDCs
- WTO: negotiations on EGS
- APEC: Tariffs of 54 green EGS will be cut in 2015

- Taiwan is export oriented country, which now focus on:
 - Green marketing
 - New business models for green investment
 - Local use of renewable utilities to reduce domestic CO2 emission

Green Trade Promotion Office(GTPO)

- GTPO is an office established by Ministry of Economic Affairs, ROC(Taiwan).
- GTPO aims to upgrade the green contents of Taiwanese environmental goods and services and to promote the partnerships of Taiwanese green products, especially for SME.



1. Build up “A” Green Supply

Taiwan Green Classics
Award

Taiwan Eco-Product Directory
2011-2012 & 2012-2013



President Ma and Vice
President Xiao meet with
Green Classics Award Winners





2. Green Platform International Green Trade Network

- **To facilitate**

- **Global Green Business, key to green economy:**

- To release up-to-date green business news to industries
- To provide global green business opportunities

- **Green Education and Promotion :**

- To build up green innovation capacity
- To stimulate public awareness on green issues

- **Joint Green Research :**

- To exchange and share the green knowledge through:
 - Academic finding exchange
 - Policy study among network members
 - Discussion of the methodology of green economy





TAIWAN'S GREEN PERFORMANCE



**The building can generate more energy than it
need ...**



The public transportation systems are accessible and comfortable that most people won't need a car ...



Your clothes and blankets are made of wasted + recycled PET fiber ...



An incinerator right in the middle of the city...





Taiwan Green Technology Competitiveness

7th in Asia, and **20th** in the World.

(Source: IMD World Competitiveness Yearbook 2015)

Category	Our Achievements
Green Energy	<ul style="list-style-type: none">• PV production ranked 2nd worldwide (2014).• LED production ranked 3rd worldwide (2014).
Green ICT	<ul style="list-style-type: none">• ICT products got the world's first carbon footprint certification, e.g., notebook computers, desktop computers, LCD panels, ICs.• The world's first LEED (Energy and Environmental Design) Gold-Certified green TFT-LCD plant.
Green Building	<ul style="list-style-type: none">• Taiwan has the highest density in Green Building worldwide.(4532 green buildings in 2014)
Green Consumer Staple	<ul style="list-style-type: none">• Bike production ranked 1st worldwide.• Quality of green Fabric ranked 1st worldwide.



SUCCESSFUL CASES

Not only in environment-related enterprises, but also in other industries.

'We are not making a choice between environmental protection and economic development. We are rather looking at how we combine both.' -- President Paul Kagame at the World Economic Forum in Davos

Hair O' right



Green Hair Care

- Use natural and ECOCERT organic ingredients
- Use soy ink printing
- Use biodegradable bottles and recyclable bottles
- The world's first "Tree in bottle" design



Hair O'right + GTPO

- The 1st Taiwan Green Classics Award Winner
- Participate in Taiwan Green Trade Pavilion in Taipei International Green Industry Exhibition
- Attend business matching activities held by GTPO



National Award of Outstanding SME winner in 2011

The 1st Taiwan Green Classics Award Winner

Taiwan International Green Industry Show

Business Matching

Hair O' right International Corporation



- “Recoffee”: the greenest shampoo in the world
- All green in the process of production
 - Degradable bottle
 - Bamboo lid
 - Soybean ink
 - Green power
- International brand
Successfully exported to over 30 countries in 10 years
- A practicer for social responsibility

Far Eastern New Century

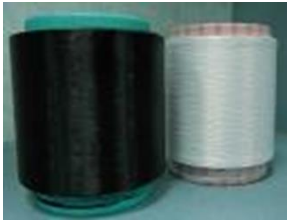


Introduction :

A multi-billion market cap company with polyester and textile business, now reinventing itself in green economy.

Product Characteristics :

- Recycled/recyclable polyester products, such as food-grade recycled PET resin
- Recycled fiber, which is made from used PET bottles



Far Eastern New Century

- The 1st Taiwan Green Classics Award Winner
- Far Eastern EcoARK, the world's 1st building with exterior walls made entirely by discarded PET bottles
- Football jersey made by recycled fabrics, used by Nike in the FIFA World Cup for two consecutive years



Ta Ya Electric Wire & Cable Co., Ltd.



- The first Green Wire in Taiwan

- No halogen plastic, very little smoke when burned, no other harmful substances

- The first cable to obtain the 'First Class Ecolabelling' in Taiwan

Taiwan Green Demo House

- Established by GTPO since 2011
- All products meet LEED requirements
- Nearly zero waste during exhibition activities



Pilot Program: Eco Power Station

- ◆ OFF-GRID
- ◆ New energy integrating system
- ◆ Green solution

Bike and Roll(B&R): bike rental and tour company

- Location: Liberty State Park, New Jersey.
- Aim : improve traditional diesel generator and use solar generator for the supply of electricity to the rental station ◦
- Size : one 40 feet of container · up to **5KW** of facility
- Design, installation and maintenance : **Asolar, Inc.**





永晴新能源
太陽能板155W

美菲德
Coffee Cart

直興光電
Solar Pillar



廣大

聯相光電
半穿透型太陽能玻璃

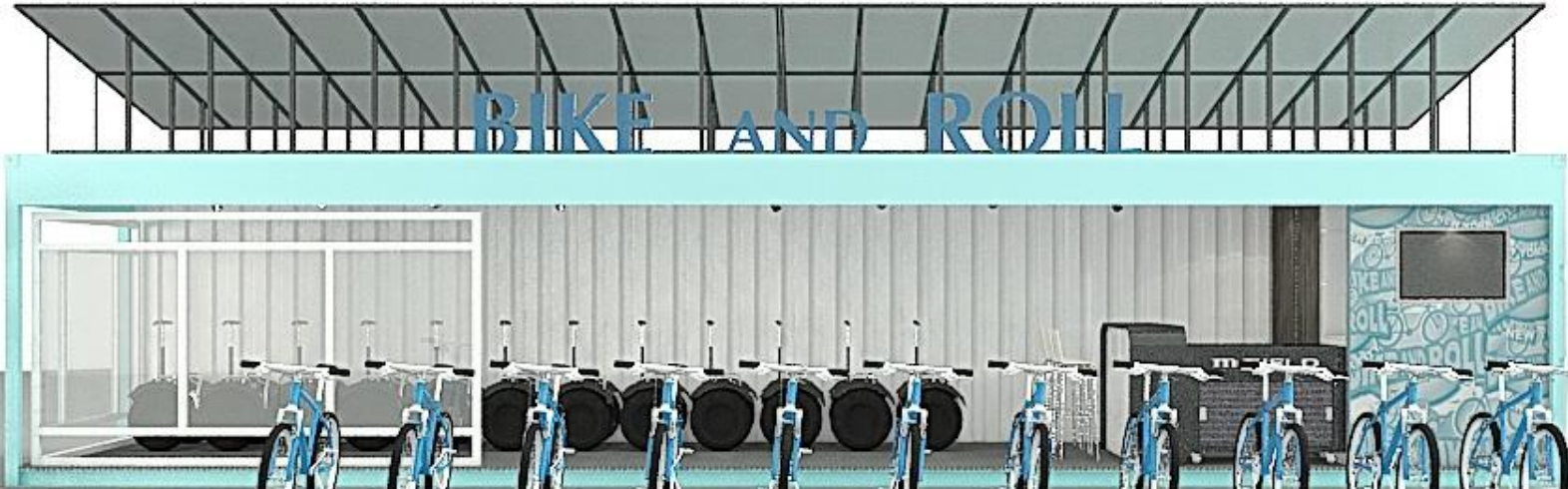


聯相光電
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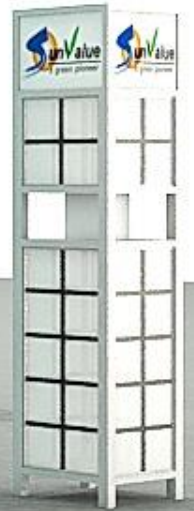
直興光電
Solar Pillar

大圖輸出

BIKE AND ROLL









M-FIELD

M-FIELD
EXPERIENCE THE DIFFERENCE







Driving Forces

Greenhouse Gases Reduction and Management Act

- It demonstrates Taiwan's commitment to combat climate change
- Emission target: no more than 50% of emission at the level of 2005 in 2050
- Cap and trade scheme will be used

Implementation 1: Millions Rooftop PVs

- Started in 2012
- Target: 8700MW installation in total in 2030
- Feed-in-tariff scheme
- PV-ESCO model
- Current status: 500MW in 2015



Implementation 2: Thousand Wind Turbines Projects

Short-term Target: 4 demonstration offshore wind turbines by 2016

Mid-term Target: Offshore 520 MW, total 1,720 MW by 2020

Long-term Target: Offshore 4,000 MW, total 5,200 MW by 2030





CONCLUDING REMARKS

Join us !!

www.greentrade.org.tw

地址：台北市大安區長興街75號

電話：+886-2-2735-6057

傳真：+886-2-2739-6835

ADD: No.75, Changxing St., Da'an Dist., Taipei City 106, Taiwan

TEL: +886-2-2735-6057

FAX: +886-2-2739-6835

Website: www.greentrade.org.tw