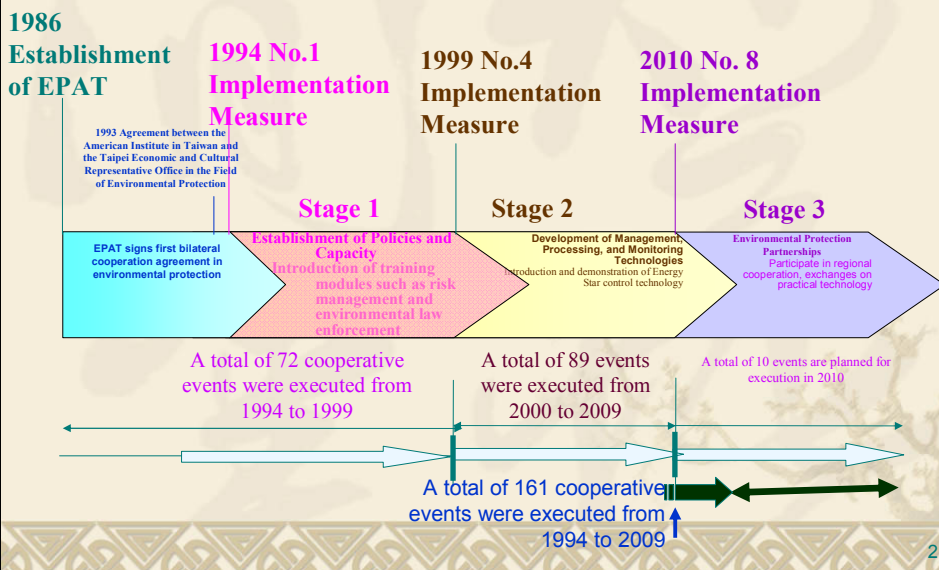


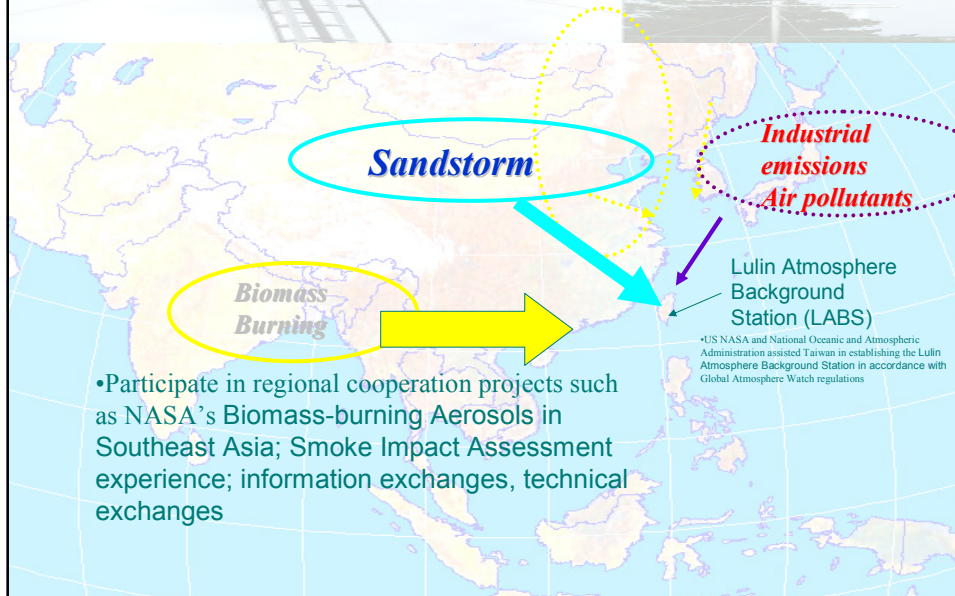
EPAT-USEPA Regional Environmental Protection Partnership Project

Presenter: Dr. Y. F. Liang, EPAT

History of EPAT-USEPA Technical Cooperation



EPAT-USEPA Technical Cooperation Lulin Atmosphere Background Station



EPAT-USEPA Technical Cooperation ENERGY STAR

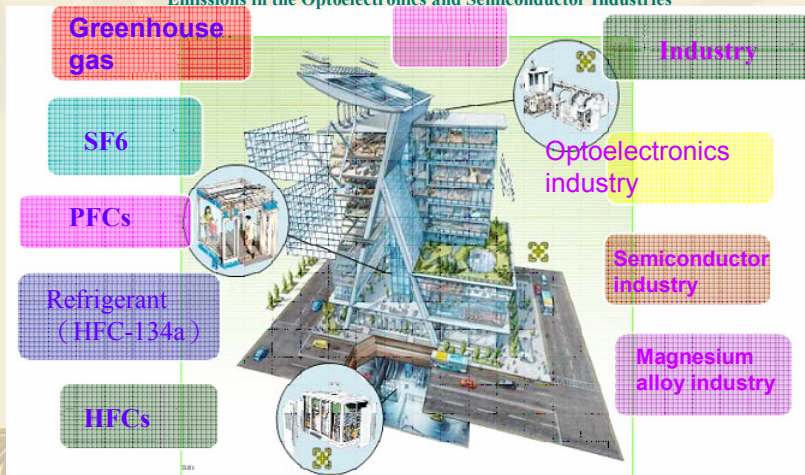
Taiwan and the US signed the Exchange of Letters Proposing Terms of Cooperation between TECRO and AIT on Energy Efficient Office Equipment Programs using the ENERGY STAR Name and Logo in July 1999, whereupon the USEPA authorized the EPAT, Executive Yuan to use and manage the issuance of the ENERGY STAR logo in Taiwan



ENERGY STAR

EPAT-USEPA Technical Cooperation Greenhouse Gas Volume Reduction Industry-Government Partnership Project

2004 to 2006 Promote Signing of Voluntary Agreements With the US EPA to Reduce Emissions in the Optoelectronics and Semiconductor Industries



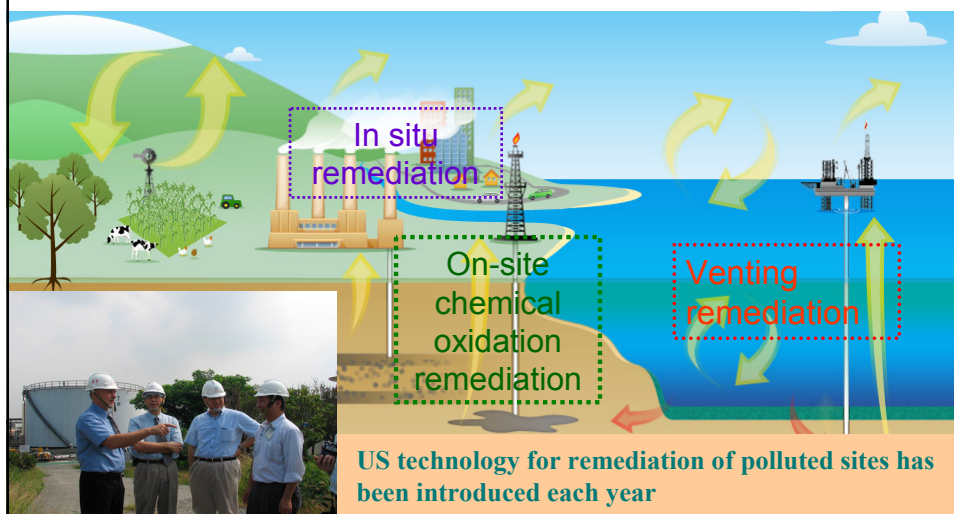
EPAT-USEPA Technical Cooperation Greenhouse Gas Reduction Cleaner Port Air Partnership Project



EPAT- USEPA Technical Cooperation Greenhouse Gas Emissions Evaluation Model (MARKAL)

- ❖ Introduction of the MARKAL model developed by the U.S. Department of Energy's Brookhaven National Laboratory (Model developed by the International Energy Agency for nations to use in energy system planning, technical development and evaluation, and research of temperature reduction strategies).
- ❖ 2000: Assisted nations with diplomatic ties in Central America to set up the MARKAL model. A MARKAL-MACRO model training course was also held at the University of Puerto Rico.
- ❖ 2005: Hosted the ETSAP Technical Conference of Energy Models Users' Group: Global and Regional Energy Modeling, successfully encouraging exchanges of technical experience between Taiwanese and international MARKAL teams.

EPAT-USEPA Technical Cooperation Technology for Site Remediation of Soil and Ground Water Pollution



Future Regional Cooperative Partnership Projects

- ❖ **Strategies of Encouraging Voluntary GHG Reduction Program of Non-Annex I member states of Kyoto Protocol**
- ❖ **Asia-Pacific Cooperation Program on Preparedness, Response and Green Recovery from Natural Disasters**
- ❖ **Asia-Pacific Cooperation Program on Environmental Law Enforcement and Governance**

Future Regional Cooperative Partnership Projects

- ❖ **Strategies of Encouraging Voluntary GHG Reduction Program of Non-Annex I member states of Kyoto Protocol**
 - ❧ **Methane market partnership and carbon emissions trading**
 - ❧ **EPAT-USEPA Port Air Quality Partnership Project**

Future Regional Cooperative Partnership Projects

- ❖ **Asia-Pacific Cooperation Program on Preparedness, Response and Green Recovery from Natural Disasters**
 - ❧ **Emergency response and preparations for waste material and environmental disinfection after disasters**
 - ❧ **Green restoration and low carbon communities**

Future Regional Cooperative Partnership Projects

- ❖ **Asia-Pacific Cooperation Program on Environmental Law Enforcement and Governance**
 - ❧ **Water Pollution Prevention Environmental Law Enforcement- Inspection and Penalties**
 - ❧ **Mercury Monitoring Project**