



# The Cities for Climate Protection Campaign, Southeast Asia

**Pamela Gallares-Oppus**

**Regional Manager, CCP Southeast Asia**

**International Council for Local Environmental Initiatives**

**11<sup>th</sup> Asia-Pacific Seminar on Climate Change**

**August 30, 2001**

**Kitakyushu Japan**



# g{x 0âxâ|ÉÇR



Are developing countries doing their share to protect the climate?



# Local Climate Protection

- ✓ Brief Background
- ✓ Examples of Projects in the Philippines
- ✓ Needs of Developing Country Participants to Pursue Local Climate Protection Measures
- ✓ Challenges for Regional Cooperation



\Ç T á|t<



New campaigns in

- Philippines (1999 to present)
- Indonesia (2001 to present)
- India (2001 to present)
- Upcoming: Thailand



# The CCP Milestones

- ✓ GHG Emissions Inventories and Forecast
- ✓ Emissions Avoidance/Reduction Targets
- ✓ Local Action Plan to Meet Targets and Characterize Benefits
- ✓ Implement Measures
- ✓ Monitoring and Verification

# Greening Public Markets

Cagayan de Oro City



## WwaxüjñáÉÇM

- Re-wiring of Public Markets

## Xãñxàw UxÇxyjääM

- Reduced fire hazards
- costs savings = US\$ 70,000/year
- Payback = 4.5 months
- CO<sub>2</sub> reduction = 852 tonnes/year

# GREEN HOMES PROJECT

## Puerto Princesa City



### *Description:*

- socialized housing project of 1,000 units that incorporates energy saving features

### *Xảỉxvảkw Zt|ÇaM*

- Housing for the poor
- Protected coastal resource
- costs savings = US\$ 40,000/year
- Avoided energy consumption by 30%
- CO<sub>2</sub> reduction = 277.516 tonnes/year

# MATERIALS RECOVERY CENTER

Naga City



## Description:

- a small-scale, area-based materials recovery center that promotes waste segregation and minimization

## Expected Gains:

- Reduced waste volume in dumpsite
- Cost savings from landfill management, garbage collection
- CO<sub>2</sub> reduction from methane avoidance and materials production
- Potential livelihood opportunities





## WxáÜxw xtaâÜxá

- ❑ Vehicular emissions-testing and inspection/maintenance
- ❑ Traffic management
- ❑ Building retrofitting, streetlights conversion
- ❑ Shift to mass transport
- ❑ Technological options for green fleets



# XÅxÜz|Çz a xxwá

Feasibility/adaptability of  
technological options for:

- ❑ Cleaner engines/fuel efficiency
- ❑ Renewable energy (solar panels)
- ❑ Water infrastructure (flood)

**Socioeconomic safety nets**



# Climate Change Adaptation

- To engage in large-scale climate change projects
- To show that these projects work and yield socioeconomic benefits



# 1. Forge Local Government-Private Sector Outreach Partnership for Transport (local and transnational)

1. Forge Local Government-Private Sector Outreach Partnership for Transport (local and transnational)

# Housekeeping



Rehabilitate pollutive  
fleets

# Fuel-switching



Engine exchange (i.e.,  
Honda or  
Kawasaki's two-  
stroke to four-  
stroke engines)

# Technological Options



alternative to three-  
wheelers that  
protects the  
poorer  
communities



# 2. Strengthen Intergovernmental Development Cooperation

- Gradual Shift to Mass Transport
- (Designing) Incorporate urban forestry in road-network and accessibility projects
- Incorporate adaptation indicators in landuse planning, infrastructure development



V {tÄxÇzxá yÉÜ e xz|ÉÇtä VÉÉÑxÜtä|ÉÇ

- **3. Inter-City Exchanges: ACTION**
- Sister-city programs
- Forge twinning exchanges/matching
- North-South CCP Conference on December 6-8 in Heidelberg



g{x 0âxâ|ÉÇR

*Yes!*

But much awaits a faster  
snowballing in the region,  
both for annex 1 and non-  
annex 1 countries!



On behalf of ICLEI  
and the  
Cities for Climate Protection  
Campaign

**Thank you!!!**