



# The Cities for Climate Protection Campaign, Southeast Asia

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Are developing countries doing their share to protect the climate?





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### Brief Background

Examples of Projects in the Philippines

 Needs of Developing Country Participants to Pursue Local Climate Protection Measures
 Challenges for Regional Cooperation





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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



#### **CCP** Philippines

#### Cagayan de Oro City



### **Wxávü|Ñà**ÉÇM

- Re-wiring of Public Markets
- XåÑxvàxw UxÇxy<mark></mark>àáM
- **Reduced fire hazards**
- costs savings = • US\$ 70,000/year
- Payback = 4.5 months
- $CO_2$  reduction = 852 • tonnes/year



### GREEN HOMES PROJECT

#### **Puerto Princesa City**



#### Description:

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

#### XåÑxvàxw Zt|ÇáM

- 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



#### **CCP** Philippines





### 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







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





Feasibility/adaptability of technological options for:
Cleaner engines/fuel efficiency
Renewable energy (solar panels)
Water infrastructure (flood)

Socioeconomic safety nets







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)





## Housekeeping

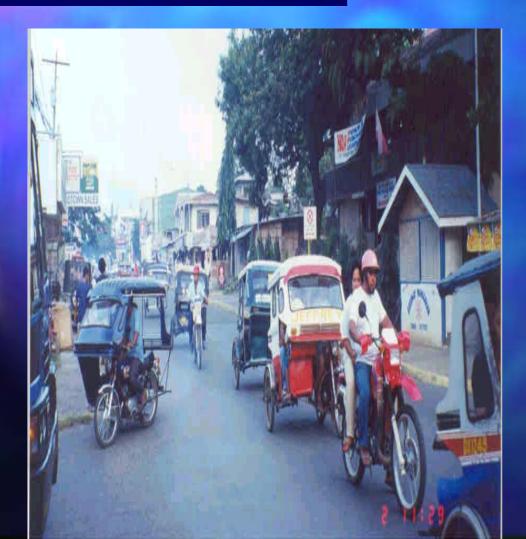


# Rehabilitate pollutive fleets





### Fuel-switching



Engine exchange (i.e., Honda or Kawasaki's twostroke to fourstroke engines)





### **Technological Options**



alternative to threewheelers 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

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







### Yes!

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





## On behalf of ICLEI and the Cities for Climate Protection Campaign

# Thank you!!!