

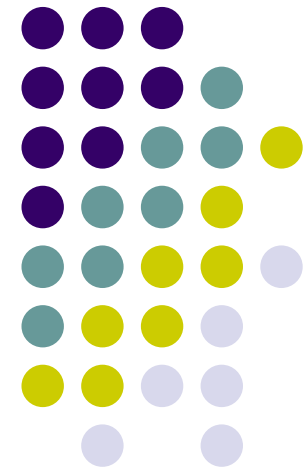
# Linking Local and Global Benefits through activities to address climate change

Makoto KATO(OECC)

Gerarda A. MERILO(DENR/Philippines)

Dadang HILMAN(MOE, Indonesia)

***Delegation of the Asia-Pacific Seminar/Network on Climate Change***



# Outline of the Presentation



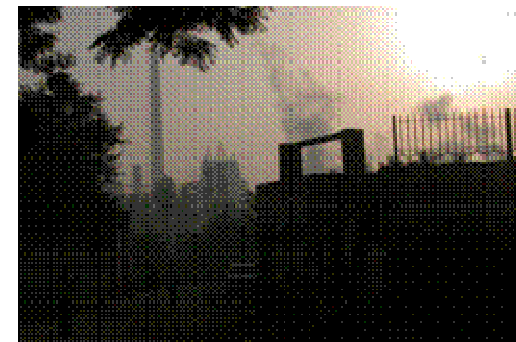
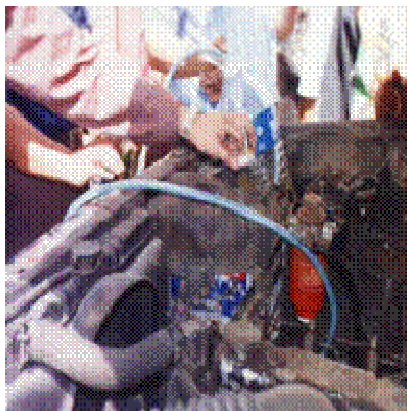
- Local Environmental Management and Climate Change --- two different communities?
- Growing interests in Co-benefits Approach
- Some Significant Interface ---Clean Development Mechanism (CDM)
- Catalytic/Promotional Roles played by National Governments

# Local Environmental Management and Climate Change --- two different communities?



## Local Environmental Management

- Triggered by and working for local benefits  
(healthy lives of local citizens, social and economic development of local society)
- Tendency is that we are working on “visible issues”  
(AQM, Waste Management, Local Transport, etc)

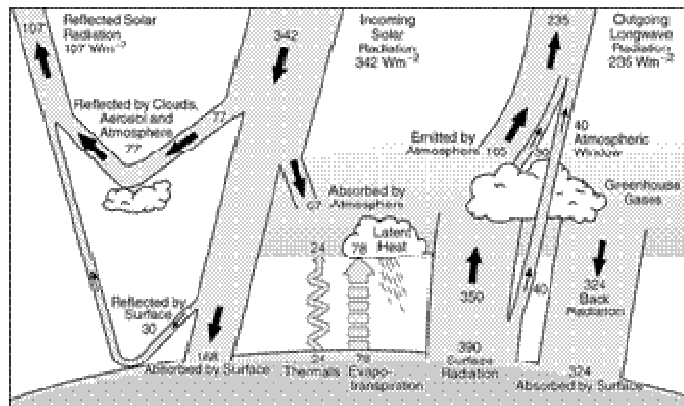


# Local Environmental Management and Climate Change --- two different communities?



## Climate Change Issues

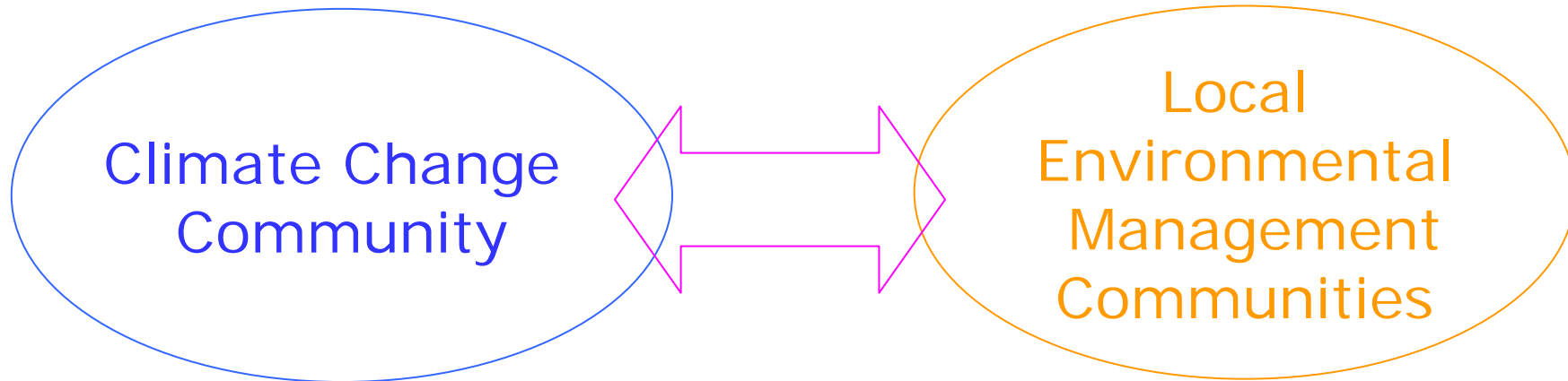
- Driven by UNFCCC/Kyoto Protocol, Complicated Discussion of Science Research
- Global approach to tackling issues (COP, COP-MOP)
- Inclination to Discussion of Energy Sector?



You may feel climate change issues are far apart, not much relevant



A Common Goal  
(Sustainable Development)



Global Issue  
Not very much familiar about local needs?

Local Issue  
Sometimes Ignorant of global issues?

Have you thought about climate change in your Env. Management related efforts?

## Growing interests in Co-benefits Approach (1)

**Some of Local Environmental Management activities are relevant to Climate Change !**

### Waste Management / Waste Water Treatment

Methane (CH<sub>4</sub>) emission from Land Fill

### Transport Management / Stationary Sources

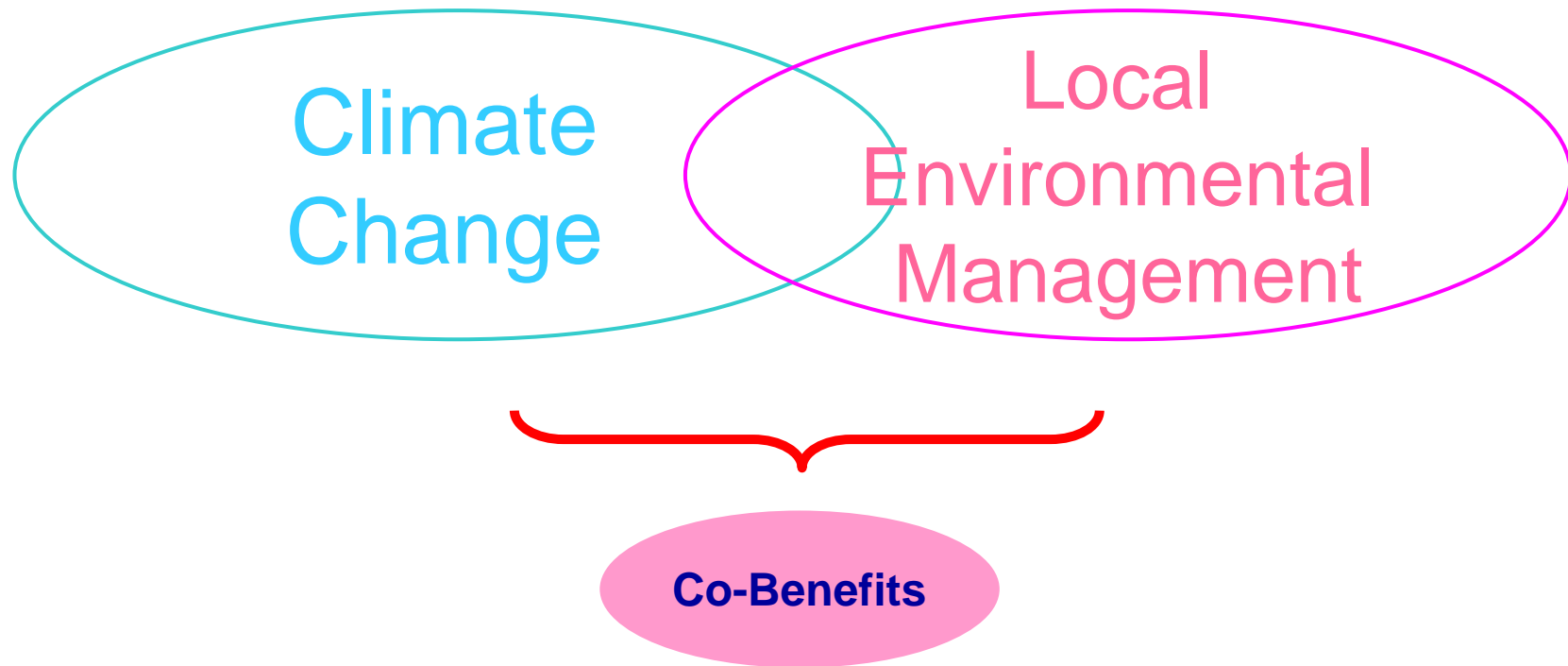
Significant Impact not only on SO<sub>x</sub> & NO<sub>x</sub>, but also CO<sub>2</sub> reduction

Climate Change Elements are hidden attributes to Local Management (Your actions give some significant impacts on climate change!)

# Growing interests in Co-benefits Approach (2)



## Co-benefits approach



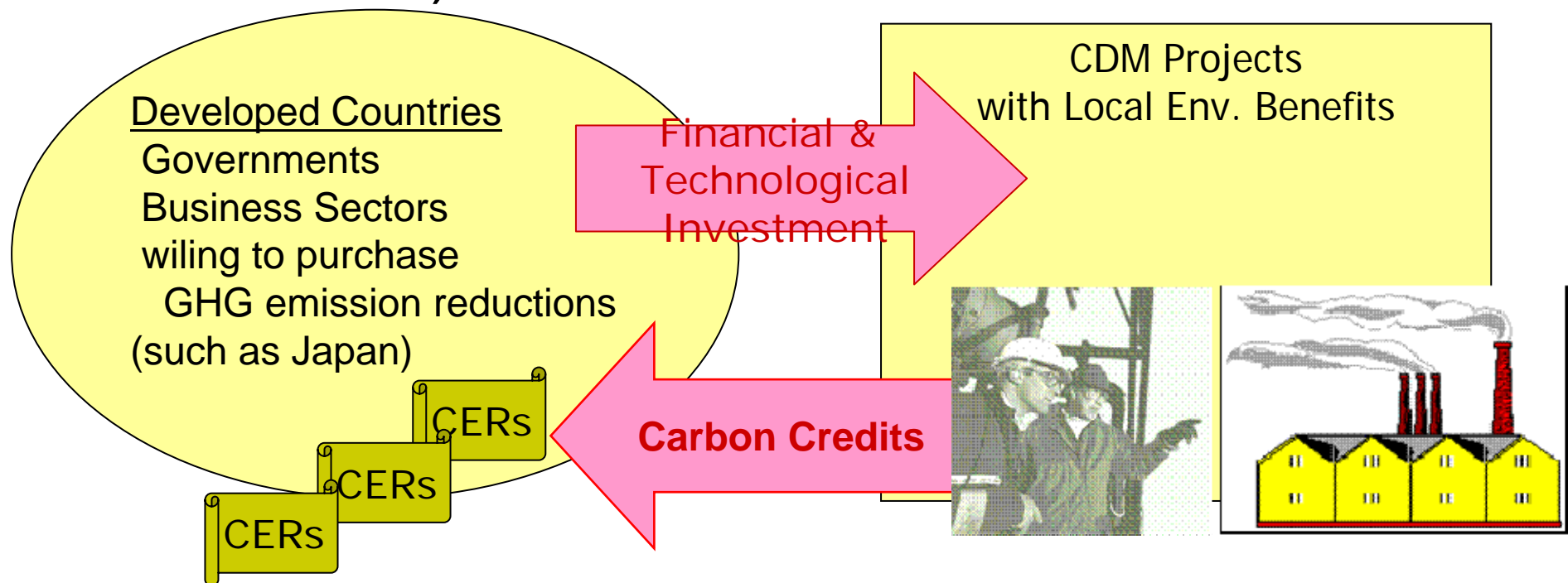
By working together, we may take double or triple benefits of different issues.

# Some Significant Interface



## Clean Development Mechanism (CDM)

CDM is a mechanism to encourage local GHG reductions and environmental improvement, by introducing Carbon Credits (GHG emission reductions) that are sold to Annex I countries!





# Examples of CDM Projects



- **Land Fill Gas (LFG) collection/avoidance**
- **Fuel Switch at local factories  
(coal to natural gas)**
- **Energy Efficiency at local factories**
- **Introduction of Renewable Energies (solar,  
biomass, wind or mini-hydro)**
- **Upgrading Local Public Transport**

Not all, but some of these may contribute to local environmental management activities

# Some Significant Interface



## Energy Efficiency is a good window for AQM

- Energy Efficiency may provide significant opportunity for cost saving  
→ Benefits for Business Operators, such as SMEs
- When EE measures are implemented, AQM activities can be integrated  
→ This may be real objectives for local administrators



# Catalytic/Promotional Roles played by National Governments



Efforts made by the Department of  
Environment and Natural Resources (DENR),  
Philippines

- Inter-Agency Committee on Climate Change (IACCC)

**Thank You Very Much**



**Terima kasih**

**For more information**

**[www.ap-net.org](http://www.ap-net.org)**

**[www.kyomecha.org/e](http://www.kyomecha.org/e)**

**[kato@oecc.or.jp](mailto:kato@oecc.or.jp)**