



Towards a Green/Greener Philippine Economy

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What Most of Us Know:

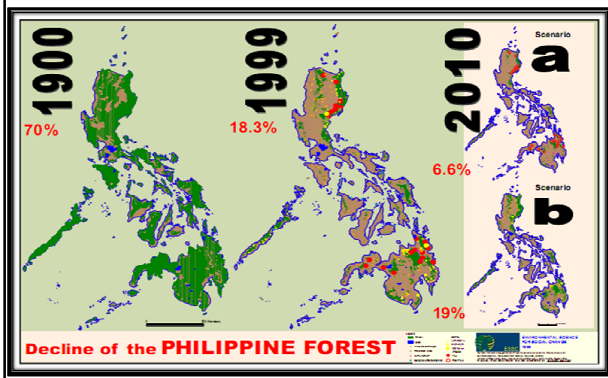
Phl facing 2 key enviro problems

1st, General environmental degradation

- RP's forest cover gone
(1521: 90%, 1900: 70%, 2010: 6% [Ateneo study])
- Poisoned soil (decades/centuries of chemical farming)
- Loss of biodiversity
- Marine/coastal degradation (mangroves 1/10th remaining)
- Air and water pollution
- Mountains of wastes all over the country
- Clogged/missing rivers, creeks, esteros, etc.

Biggest victims: The poor

RP's disappearing forest



2. Climate Change Risks

Dire forecasts 4 world/Phl - life unsustainable in 50 years

Phl – 4th most vulnerable according to global climate risk index

- coastal towns/cities to be inundated
- extremes in weather, alternating El Nino/La Nina episodes, hot days/hot nights, strange weather behavior
- new disasters lurking
- poor at greatest risk

60% popul'n in coastal areas, yet highlanders not risk-free too

RP joins the world's battle against CC

1992 UN Framework Convention on CC – ratified 1994

1992 Convention on Biodiversity – ratified 1993

1997 Kyoto Protocol – ratified 2003

PLUS:

Clean Air Act (1999), Biofuels Act (2006), REnergy (2009) + +

Monday, September 28, 2009

Jose-Fly Reporter Chapter 4
The Mystery in the Corner

Education: The way
of the future for Baguio

Chinese newspapers
don't fear extinction

PDI relief drive

LEARNING / F4

BUSINESS / B2-4

ANALYSIS / A2

PHILIPPINE DAILY
INQUIRER
BALANCED NEWS, VIEWS

Metro mired in mud

'Ondoy' death toll now 73; classes in Metro, Rizal suspended

By the Inquirer Staff

AS MANY AREAS OF METRO MANILA REMAINED without power yesterday, rescuees piled bodies from muddy floodwaters and scrambled to save themselves as raindrops fell from "Ondoy" left 73 people dead in a strife across the region.

Some 300,000 people were affected by the storm, including those in Metro Manila and other areas. The death toll rose to 73, with 10 more reported missing. The storm hit the Philippines on Sept. 26, leaving a trail of destruction. The death toll rose to 73, with 10 more reported missing. The storm hit the Philippines on Sept. 26, leaving a trail of destruction.



**Reality: Phl no option but
to go 'green' and 'greener'**

For –

- resiliency & survival (minimize CC risks through **adaptation/anticipation measures**)
- nation's contribution to global **CC mitigation**
- **job creation thru greening programs**. CC adaptation, mitigation, anticipation & environmental restoration programs, including community renewal, are all labor-intensive

To rebuild enviro & fortify vs CC, Phl

- Has large forest lands & watersheds to renew.
- Has large coastal marine resources to renew.
- Has numerous rivers to clean up and rehabilitate.
- Has air and water to clean up.
- Has mountains of wastes to segregate and dispose.
- Has poisoned soil to revive all over the archipelago.
- Has communities to rebuild nationwide

But are these not job-creating?

- **Community renewal alone can create one million + jobs**

And can we not build a decent and sustainable economy based on inclusive & sustainable industry, agriculture and services? BUT HOW?

**Rethinking eco development
in context of CC & env. crisis**

1521-1940s – Colonial era, forests reduced by plantations, population expansion, general underdevelopment

1950s-1960s – Era of import substitution, but we used our forests and minerals to support ISI economy

1970s-present – Era of labor-intensive export orientation, failure of economy to take off led to OFW phenomenon, rapid urbanization, population expansion and resource extraction deepened environmental degradation

With CC and ECrisis

- option to use natural resources in development not an option (in the first place, RP has limited resources now)
- option to go heavy industry mode also not an option – capital limitations, heavy CO2 emissions, etc.

**At the moment, greening focus on
mitigation – Yes, why not?**

- Energy – renewables, co-generation, etc.
- Transport – hybrid vehicles, public transport, etc.
- Manufacturing – clean production, pollution control, etc.
- Buildings – green bldgs., solar houses, retrofitting, etc.
- Materials mgmt – recycling, de-materialization, etc.
- Retail – eco-labeling, stores closer to residences, etc.
- Agriculture – organic farming, soil conservation, etc.
- Forestry – agro-forestry, reforestation, etc.

**But don't forget
greening the whole economy**

Industry – scale value chain, add more values/jobs per chain, pursue fair trade, reengineer existing industries to go greener, develop green industries

Agriculture – adopt integrated approach to agriculture, promote sustainable agriculture, transform small farmers as leaders, etc.

Services – transform service industries into green/greener ones, e.g., eco-tourism, green buildings & malls, greener fast-food chains, etc.

**Also, great growth & job potentials in
community renewal & DRRM**

Community readiness vs CC threats

Community renewal/rebuilding for resiliency

Via

Community contracting of labor-intensive adaptation measures (e.g., drainage/river dredging, housing fortifications, pathway concreting, near site dev't, etc.)

Community contracting can also be used in rebuilding other eco-systems (corrals, forestry, etc.) and pursuing integrated water management systems



However, we need to put environmentalism at the center of national dev't vision & programming

At PDP 2011-2016 enviro treated as last chapter

- Many enviro problems identified
- Varied adaptation & mitigation measures identified (e.g. reforestation, dredging, etc.)
- Legislative agenda on national land use, protected areas, marine pollution, hazardous/e-waste disposal, etc.
- Confused on what to do w/ mining

PDP declares blueprint inclusive – yet, relies on 3 major strategies -- PPP (trickle-down economics) CCT (for the excluded) & borrowings to finance gov't

Hence, big challenge: making e-e policies coherent

Green Development Plan not yet in place

- review of mining & resource extraction program
- coherence in adaptation, mitigation, anticipation & renewal measures
- Example of incoherence in E-E programs.
DA-DAR-DENR converging to promote agribusiness (2 M targets still reflected in PDP). Where is CARP? Where is Organic farming (may funding ba?)?
- Example of indifference to enviro & eco – unchecked smuggling of 2nd-hand vehicles, goods killing local industry & environment

Need to overhaul PDP, overhaul budget!

To repeat, we need to build green economy & society

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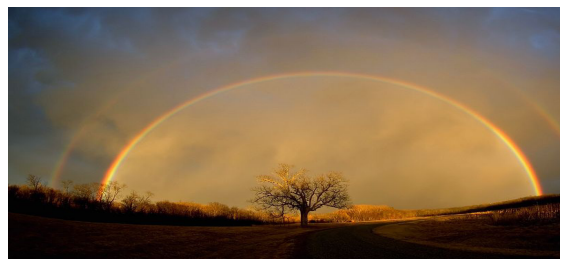
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Build Green Eco...

Natural resources – rebuild the forests via 'rainforestation', rebuild marine/coastal resources (mangroves), re-think mining program ("green mining"?), sustain biodiversity programs, etc.

Habitat/community – rebuild cities, towns, barangays based on SD, community contracting on adaptation measures, etc.

Implement varied environmental programs – clean air, solid waste disposal, etc.



"Ang buhay na hindi ginugugol sa isang malaki at banal na kadahilanan ay kahoy na walang liliim, kundi damong makamandag." (A life not spent for a higher noble cause is like a tree without shades, like a poisonous weed) – Emilio Jacinto