

# SWARMPlan

## NEWS

The Official Newsletter of the Solid Waste Reduction Master Plan for Metro Manila

Vol. 1 Issue No. 1

October 2005



**WASTE WATCH**  
Where do your wastes go after segregation?



**MARKET! MARKET!**  
A look at what has happened two years after the SWM workshop for supermarkets



**SWARMPlan A-B-C**  
Learning the basics of the Solid Waste Reduction Master Plan for Metro Manila



Office of the President  
REPUBLIC OF THE PHILIPPINES  
Malacañang  
Manila

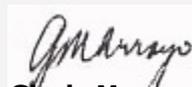
### MESSAGE

Protecting our environment is not just the responsibility of the government. To be successful, the government needs partners and the support of our civil society.



That is why I fully support the Solid Waste Reduction Master Plan for Metro Manila or SWARMPlan in their campaign to educate schools, industries, commercial establishments, subdivisions, wet markets, barangays on solid waste management, through trainings and workshops. This program is commendable.

I therefore enjoin our teachers, students, parents, proprietors, entrepreneurs, and consumers to be aware and share in our social responsibility to protect our environment. Let us all help in implementing RA 9003, the Ecological Solid Waste Management Act.

  
**Gloria Macapagal-Arroyo**  
President

## GEARING UP FOR SWARMPlan MODEL SCHOOL AWARDS

Good news!! All public and private schools that have undergone the SWARMPlan training on Ecological Solid Waste Management (ESWM) have the opportunity to showcase their program through the SWARM Plan Model School Awards.

Last October 2004, teams composed of representatives from the Department of Education (DepEd), Department of Environment and Natural Resources (DENR) and SWARMPlan monitored at random the progress of participating schools. Upon observing laudable programs, SWARMPlan was emboldened to set up a recognition system that will encourage schools to sustain commendable ESWM programs and stir into action those that have not started. Thus, the SWARMPlan Model School Awards was conceptualized. It will not only highlight noteworthy ESWM programs but it will also underscore best practices that can be shared and replicated by other schools.

Materials that can enhance the school's learning facilities and ESWM programs will be given as prizes. Three Outstanding ESWM programs per level (elementary, secondary, and tertiary) will be chosen totaling to nine major awards. So read on and find out the mechanics and criteria for judging. Your school might just have that outstanding ESWM Program that SWARM Plan is looking for. *(continued on page 2)*

DEADLINE	ACTIVITY	RESPONSIBLE GRP.
	1a. All principals of public schools do self-rating.	Respective Schools
	1b. Deans of public school universities and private school Principals and Deans who would like to enjoin the search will likewise do self-rating.	
Sept. 1, '05	2. Principals/Deans submit entry form to respective Division Supervisor of DepEd.	School Principals / Deans
Oct. 3, '05	3. District Committee, headed by the DepEd District Supervisor evaluates and chooses top 3 schools for each level (Primary, Secondary, and Tertiary). Semifinalists are submitted to the Division Superintendent for approval.	DepEd Division Supervisors
Oct. 17, '05	4. Division Superintendent approves and endorses division level entries to SWARMPlan Task Force.	DepEd Division Superintendents
Nov. 15, '05	5. SWARMPlan Task force evaluates and decides on the Top 3 ESWM Program for each level - Primary, Secondary and Tertiary Schools.	SWARMPlan Taskforce

**Criteria for Judging:**

CRITERIA	WEIGHT
<p><b>1. Waste Segregation</b></p> <ul style="list-style-type: none"> <li>- Appropriateness of trash bins for the different kinds of waste generated.</li> <li>- Strategic location of trash bins</li> <li>- Clarity and prominence of trash bin labels</li> <li>- Following of waste segregation by teachers, students and other personnel</li> </ul>	15%
<p><b>2. Collection and Recovery</b></p> <ul style="list-style-type: none"> <li>- Collection of residuals and recyclables</li> <li>- Cleanliness of recyclables</li> <li>- Cleanliness and orderliness of Materials Recovery Facility</li> <li>- Recording system for recyclables</li> </ul>	15%
<p><b>3. Composting</b></p> <ul style="list-style-type: none"> <li>- Presence of composting pit</li> <li>- Recording of sales of compost, if applicable</li> <li>- Record or evidence of school use of compost</li> </ul>	10%
<p><b>4. Information &amp; Education</b></p> <ul style="list-style-type: none"> <li>- Training program for old and new teachers on ESWM</li> <li>- Training program for other personnel, students and parents on ESWM</li> <li>- Availability of IEC materials to all school personnel and students</li> <li>- Appropriateness of IEC materials for students and school personnel</li> <li>- Display of reminders on ESWM</li> </ul>	20%
<p><b>5. Monitoring &amp; Extent of Success</b></p> <ul style="list-style-type: none"> <li>- Program &amp; effectiveness of ESWM Committee in overseeing the implementation of the program</li> <li>- Dissemination of internal monitoring system to school community</li> <li>- Clarity of guidelines for paper re-use and recycling</li> <li>- Clarity of guidelines on reducing use of residual waste</li> <li>- Existence of waste reduction programs</li> <li>- Extent to which ESWM objectives are met</li> </ul>	20%
<p><b>6. Sustainability</b></p> <ul style="list-style-type: none"> <li>- Existence of policies, clarity, completeness</li> <li>- Internalization of ESWM in the daily lives of school community</li> </ul>	20%

**SWARMPlan: THE WET MARKET SECTOR**

The initial sharing workshop held last May 23, 2003 at the Department of Environment and Natural Resources' Visitors Center intended to invite 60 officials of public and private wet markets in Metro Manila.

It is notable that representatives from the private sector, i.e., EDSA Central, Farmer's Market and Cartimar Market, were more interested than their counterparts from the government. A good number of those invited from the public wet markets did not make it to the workshop.

The output was outstanding. There was a common resolve, intensely put forward by the private sector representatives, to initiate waste management in their respective areas. Although rather late, as the said initiative has long been imposed by law, the resolution seemed like a flickering light at the end of the tunnel.

And nearly two years after the workshop, the wet market sector, save for the private operators who participated, still remains in the same predicament – unsegregated waste hauled by government to dumpsites daily.

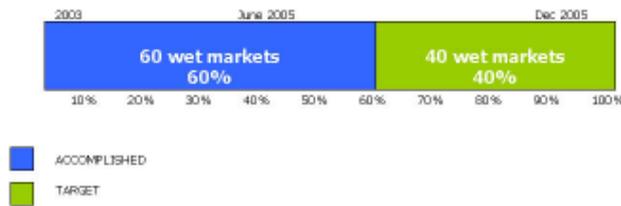
Apart from having to continue the workshop to cover the remaining officials of the sector, it has been realized that it may also be more prudent and wiser to educate and empower the real stakeholders of the sector – the vendors.

There is a plan to hand down the waste management of a wet market to cooperativized vendors to benefit from the sale of recyclables and organic vegetables grown in-situ from the compostables. Initial talks with private wet markets proved worthy as appropriate space, if not the roof, is being planned for the project.

**Rene Pineda, Jr.**  
President, Concerned Citizens Against Pollution (COCAP)

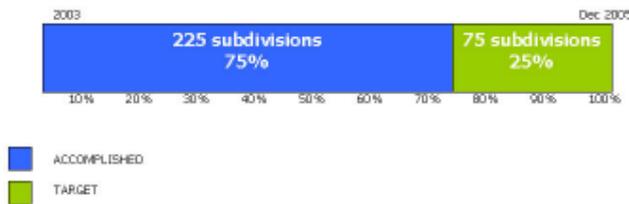
**SWARMPPLAN WET MARKET SECTOR REPORT**  
**Concerned Citizens Against Pollution**

TOTAL = 100 wet markets  
 TOTAL Wet Markets Given Training = 60 wet markets



**SWARMPPLAN SUBDIVISION SECTOR REPORT**  
**Zero Waste Recycling Movement Philippines**

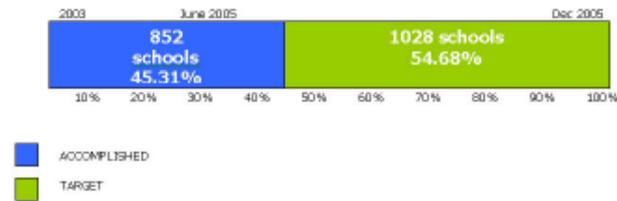
TOTAL = 300 subdivisions  
 TOTAL Subdivisions Given Training = 225 subdivisions



**SWARMPPLAN SCHOOL SECTOR REPORT**  
**Environmental Studies Institute, Miriam College**

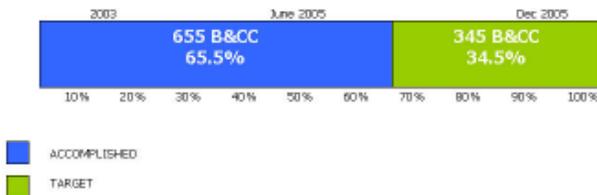
TOTAL = 1,880 schools  
 Public schools = Total of 693 schools  
 633 schools given training  
 Private schools = Total of 1,187 schools  
 214 schools given training

TOTAL Schools Given Training = 852 Public and Private Schools



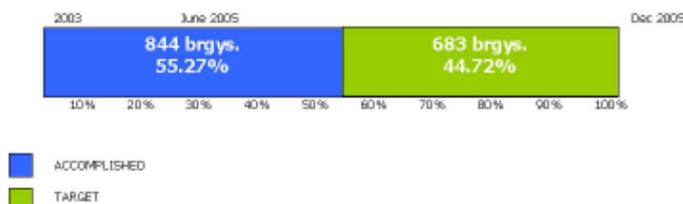
**SWARMPPLAN BUSINESS AND COMMERCIAL CENTERS SECTOR REPORT**  
**Ayala Foundation and Polystyrene Packaging Council of the Philippines**

TOTAL = 1,000 businesses and commercial centers  
 TOTAL Businesses and Commercial Centers Given Training = 655 businesses and commercial centers



**SWARMPPLAN BARANGAY SECTOR REPORT**  
**Mother Earth Philippines**

TOTAL = 1,527 barangays  
 TOTAL Barangays Given Training = 844 barangays



Republic of the Philippines  
**Department of Environment and Natural Resources**  
 Visayas Avenue, Diliman  
 Quezon City

**MESSAGE**

Metro Manila generates a mountain of garbage amounting to 6,000 tons each day. With an over-increasing population and rising consumption, the current garbage generation is expected to dramatically expand in the coming years. While finding an area to dispose our trash is already a big headache at present, handling tomorrow's trash will be a nightmare, unless we do something today.



The Solid Waste Reduction Master Plan (SWARMPPlan) is dedicated in preventing possible garbage crisis. It will do so by conducting informational and educational activities from wet market to business centers, barangay halls to schools, on ways to minimize the impact of solid waste on the environment. We are confident the seminars and trainings will make the citizenry more responsive to environmental issues.

This joint undertaking of the Miriam College-Environmental Studies Institute, Ayala Foundation, Polystyrene Packaging Council of the Philippines, Mother Earth Foundation, Zero Waste Recycling Movement of the Philippines, and Concerned Citizens Against Pollution is a commendable endeavor that must be supported by anyone who cares for the environment.

We look forward to a stronger partnership with SWARMPPlan for the protection of our environment, particularly on the proper management of solid wastes.

**Michael T. Defensor**  
 Secretary

## WHERE DO YOUR WASTES GO AFTER SEGREGATION?

At home, in school or at work, segregated biodegradable wastes can become pig feeds or part of your composts for healthier garden soil. On the other hand, non-biodegradable wastes can be sorted into bottles, papers, aluminum cans, styrofoam, doypacks, plastics and then sold to the junk dealers who buy this kind of materials. But here is an interesting part. Did you know that there are lots of things that we can do from these wastes products if properly segregated? Banana peelings from "saba" can actually turn into a burger patty without noticing the difference in taste. Styrofoam can actually turn into floor tiles, and doypacks can turn into attractive bags and sandals, which are durable and waterproof. These are just examples that we can do to our wastes after segregation. Segregation is the first step in converting these wastes into something usable. If everyone will be cooperative and participate in proper waste segregation, very minimal residual wastes will go to our landfills or dumpsites. Many will also benefit from having new jobs in converting these wastes into products, which can have a high market value but are very minimal in required capital.



## SCHOOLS MONITORED

### Identified Private and Public Schools with Materials Recovery Facility

The information provided here is not complete as public schools are currently being monitored, and the private schools are being followed up.

- 1 Miriam College
- 2 Immaculate Concepcion Academy
- 3 St. Anthony School
- 4 Poveda Learning Center
- 5 Adamson University
- 6 Sacred Heart Academy of Novaliches
- 6 Assumption College
- 7 College of the Holy Spirit
- 8 Claret School of Quezon City
- 9 Holy Spirit School
- 10 Marist School
- 11 Holy Family School
- 12 College of the Holy Spirit
- 13 Lourdes School
- 14 St. Joseph's College
- 15 Stella Maris College
- 16 North Fairview Elementary School (Q.C.)
- 17 Nemesio Yabut Elementary School (Makati)
- 18 Don Alejandro Roces, Sr. - Science Technology High School (Q.C.)
- 19 Jose Rizal Elementary School (Pasay City)
- 20 Rizal High School SAGAD (Pasig/San Juan)
- 21 Pasig Elementary School
- 22 Marikina High School
- 23 Marikina Elementary School
- 24 Makati High School
- 25 F. Benitez Elementary School (Makati)
- 26 Caloocan Elementary School
- 27 Caloocan High School
- 28 F. Serrana, Sr. Elementary School (Paranaque)
- 29 PNHS - Baclaran Annex
- 30 F. Guerrero Elementary School (Manila)
- 31 Las Pinas National High School
- 32 Canumay West Elementary School (Valenzuela)
- 33 Valenzuela National High School
- 34 Ninoy Aquino Elementary School (Malabon)
- 35 Kaunlaran National High School (Malabon-Navotas)

## 4 SWARMPlan

### What is SWARMPlan?

SWARMPlan stands for Solid Waste Reduction Master Plan for Metro Manila. It is civil society's integrated response to President Gloria Macapagal-Arroyo's request for a rationalized solid waste management program.

### What are its goals?

- 1) to reduce the waste that ends up in dumpsites, landfills, canals, and streets;
- 2) to maximize the return of recyclables to factories and of compostable to soil.

### What is its work plan?

- 1) It coordinates the education and training efforts of various NGOs for greater efficiency and effectiveness; and
- 2) It monitors the progress of these coordinated efforts through uniform coordinating scheme.

### Who funds SWARMPlan?

The President's Social Development Fund has given P4,000,000 to cover education and training for the entire Metro Manila in two years. However, it raises additional funds from other sources including donations, training fees, and others.

### Can any group avail of the education and training services of SWARMPlan?

Definitely yes. You may call over-all Coordinator Nina Galang or Tessa Oliva. You may call the other Task Force members if your group can be clearly classified as a unit in one of the segments mentioned.

### What fees are charged for training?

The fees depend on the capability of the beneficiary organization.

### Who are involved?

Non-governmental organizations that have been active in solid waste management advocacy compose the Task Force of SWARMPlan. Specific NGOs have been tasked to focus on respective segments of the public.

Government institutions such as the Environmental Management Bureau of the Department of Environment and Natural Resources, through the Environmental Education and Information Division, and the National Solid Waste Management Commission, EMB-NCR, Department of Education-NCR also help in SWARMPlan's advocacies.

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