

# Tarlac Agricultural University

## *Ecological and Solid Waste Management Program*

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*Presenter*



# Vision

Tarlac Agricultural University as a garbage-free, smoke-free, and a model ecological community in the Province.

# Mission

The ESWM Program seeks to enhance the quality of environment in TAU campus through sustainable ecological solid waste management projects and activities.

# Goals and Objectives

Establish a garbage-free, smoke-free and a model ecological campus;

Create awareness among the TAU populace on the importance and need for proper waste disposal and environmental conservation;

Establish an effective and efficient reduction, segregation, collection, recycling, processing and disposal of wastes;

Institutionalize a system enforcement of ESW policies; and

Establish the ESWM unit of the University.

# Program Components

## 1. Planning and Programming Policy of ESWM

a. Environmental Scanning and Profiling

b. Proposal Preparation and Formulation of IRR

c. Preparation of ESWM Plan

# Program Components

## 2. Mass Information and Education Campaign

a. Preparation of IEC, Posters and Sign Boards

b. Fabrication and Installation of Posters and Sign Boards

# Program Components

## 3. Training and Capability Building

a. Seminar-Workshop on ESWM

b. Training on ESWM-Related Projects

# Program Components

## 4. Provision of ESWM Facility

- a. Design, Fabrication and Innovation of ESWM facilities
- b. Maintenance of Material Recovery Facility



# Program Components

## 5. Comprehensive Ecological Solid Waste Management

- a. Waste Reduction
- b. Waste Segregation
- c. Collection, Transport and Handling of Solid Waste
- d. Waste Recycling, Composting and Other Related Projects
- e. Disposal and Marketing of Products
- f. Selection of ESWM Best Implementing Unit
- g. Enforcement and Monitoring of ESWM Policies

# Program Components

## 6. Monitoring and Evaluation

### 1. Monitoring of the program (Monitoring, Inspection and Sanitation Team)

- To monitor the implementation of the ESWM Program
- To formulate monitoring scheme and guidelines

### 2. Evaluation of the program (Planning Assessment and evaluation Team)

- To evaluate the implementation of the ESWM Program
- To identify problems and recommend possible solutions in order to improve the program implementation.
- To formulate evaluation scheme and guidelines

# Program Components

## 7. Penal Provision and Incentives

### Imposition of Fines to Offenders

Violation	Fines/Penalty		
	1 <sup>st</sup> Offense	2nd Offense	3 <sup>rd</sup> Offense
Littering	P 100 or 4hrs CS	P200 or 8hrs CS	P 300 or 12hrs CS
Smoking	P 100 or 4hrs CS	P200 or 8hrs CS	P 300 or 12hrs CS
Burning	P 200 or 8hrs CS	P400 OR 16hrs CS	P 600 OR 24hrs CS
Dumping of Waste	P 200 or 8hrs CS	P400 OR 16hrs CS	P 600 OR 24hrs CS
Causing Unsorted Waste	P 200 or 8hrs CS	P400 OR 16hrs CS	P 600 OR 24hrs CS
Non-Segregated Waste	No collection of waste + the head of the unit will be reprimanded		

# Program Components

## Mechanism:

\*All violators will be apprehended by the deputized enforcers. IDs of student violators will be confiscated and turned over to the security officers for the issuance of temporary gate pass which is valid for two (2) days. The confiscated IDs shall be turned over by the security officer to the ESWM Secretariat for record and billing and collection of fines or community service.

# Program Components

## Mechanism:

\*In the case of employees, business stall operators, tricycle drivers and outsiders the name of the violators will be reported to the security officer or to the ESWM Secretariat for recording, billing and collection of fines or community service. In case of refusal to pay or conduct community service, it will be reported to the University President for proper action.

\*Community service will be supervised and monitored by the ESWM personnel to the designated places in the University.

## Incentives

\*At the end of the calendar year, fifty percent (50%) of the collected fines will be given to the apprehending unit/organization or individual.

# Program Components

## 8. Research and Public Information

- a. Collaborative research in waste management, waste disposal, waste segregation, technology waste (e-waste), food waste, green environment, ecological sustainability other related studies.
- b. Paper presentation (Local and International)
- c. Paper publication (Scopus, World of Science and other CHED recognized journals)

# Program Components

## 9. Waste Recycling, Composting and Other Related Projects

a. Recycling of wastes will be done involving the faculty and students.

b. An Eco-learning Park/Garden will be established

c. Composting Projects (Business and Auxiliary Services)



# Program Components

## 10. Disposal and Marketing of Products

- a. Disposal and Marketing shall be coordinated to the Business and Auxiliary Services
- b. Disposal of e-wastes shall be coordinated to the Supply Office.
- c. Residual wastes will be stored temporarily in the TAU MRF and weekly, it shall be disposed in Capas Sanitary Landfill thru Camiling.

# Program Components

## 11. Enforcement and monitoring of ESWM Policies

a. Security Force, SSC and CSC Officers, Deans, Chairs, Unit/Office Heads, and ESWM Team are deputized to enforce and monitor.

# Program Components

## 11. Selection of ESWM Best Implementing Unit/Office/College

- a. To be selected by the Monitoring and Evaluating Team
- b. To be awarded monthly and overall during Foundation Day Celebration

**Thank you for listening!**