

Summary of Results for Phase 1 Project Implementation (2010-2011) *

ITEM	ACTUAL SAVINGS	% SAVINGS	AMOUNT SAVED (Php)
Electricity	8,907,445 Kilowatt Hour	7%	80,185,117
Fuel	877,852 Liter	13%	24,020,075
Hazardous Waste	15,277 Kilogram	63%	1,045,213
Solid Waste	315,464 Kilogram	76%	29,525,153
Water	640,662 Cubic Meter	39%	9,066,215
TOTAL AMOUNT OF SAVINGS			143,841,776

* These values are proven savings until August 2011, overall performance for phase 1 is more than twice.



- ROI = 0.8 with a payback period of 9.6 months
- Total energy savings can light up 47,367 Street lamps for one whole year 12 hours each day!
- The amount of water savings can fill 256 Olympic sized pool!
- The amount of waste avoided can fill up 23 garbage trucks!

GPloS makes it possible to simultaneously gain significant environmental and economical benefits!

HOW TO JOIN?

Interested companies are requested to fill up the company data sheet which can be downloaded from the website: www.greenphilippines.com.ph

And submit to:

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Go Green and Save Costs!

Implementing Partners

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Asia Society for Social Improvement and Sustainable Transformation, Inc (ASSIST)

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Philippine Chamber of Commerce and Industry (PCCI)

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Project Associates

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Department of Environment and Natural Resources (DENR)

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Project Sponsor

European Union (EU)

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GreenPhilippines Islands of Sustainability



ECOSWITCH

A regional partnership, consultation and training programme attempting to **switch** the micro climate through sustainable production for the industries within Metro Manila and CALABARZON in the Philippines.



This project is funded by



The European Union's SWITCH-Asia Programme

A project implemented by



VSB, GrAT, AREC, ASSIST, PCCI, ECCP, PBE, STENUM Member of GrAT

Project Background

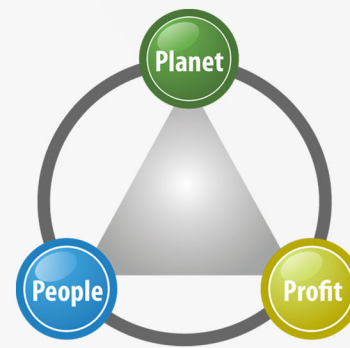


Green Philippines Islands of Sustainability (GPIoS) is an initiative funded by the European Union's SWITCH Asia Program to contribute to an improved environmental and sustainable industrial development of Metro Manila and CALABARZON region.

The project* aims to enable participating companies generate economic profit by simultaneously increasing resource efficiency and minimizing the environmental impact. This approach has proven that being green and generating profit need not be mutually exclusive. Enterprises made it possible to cut their costs into operational environmental protection and increase their economical and ecological efficiency.

** The project is based on the ECOPROFIT approach originated in Austria.*

Benefits of the participating companies



Participants will receive ECOSWITCH Certification with **free training and consulting** which is built on the triple bottom line philosophy of balanced social (People), economic (Profit), and environmental benefits (Planet).

Project Title: Green Philippines Islands of Sustainability
Project Duration: 48 Months 2009-2013
Project Location: Metro Manila & CALABARZON
Primary Target Groups: SMEs from both manufacturing and services sector within Metro Manila, CALABARZON, and some companies from Clark & Subic

BENEFITS OF THE COMPANIES

Profit - Financial Benefits

- Reduced production / maintenance cost
- Improved energy efficiency
- Optimized resource utilization
- Substantial financial savings



Planet - Improved Environmental Performance

- Better waste management
- Improved environmental performance
- Reduced air emission
- Complementary to ISO 14001 and other environmental standards

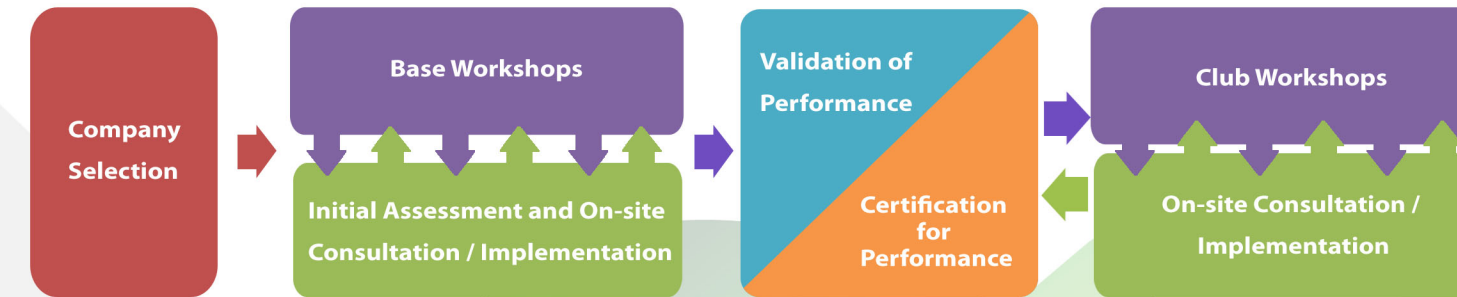


People - Social benefits

- Better working conditions
- Better cooperation with authorities
- Enhanced image
- Better legal compliance
- More responsible and motivated employees
- ECOSWITCH Certification
- Safeguarding of jobs and labour through successful performing companies



General Structure of the Project



ECOSWITCH: Program towards Sustainability

Integration of ecological advancement and economic benefits achieved through well designed capacity building progress along with technical consulting and coaching approach. Promote a shift from end-of-pipe thinking to cleaner production and consumption along with material use efficiency.

Program Categories

Particulars	ECOBONUS	ECOFOCUS	ECOSENSE	ECOCLUB
Size of the Company	Large & Medium	Medium & Small	Micro Enterprises	ECOSWITCH Certified Companies
No. of Employees	> 100	10 – 100	< 10	N / A
No. of training sessions *	6	4	2	3
Direct Consulting *	5 – 6 days	3 -4 days	1 Initial Assessment + Self Monitoring tool kit	3 days

** The number of training sessions and direct consulting are based on the past experience of previous participants. These numbers can vary as the project is tailored to the needs of the clients.*

Main Topics:

- Cleaner Technology
- Waste Reduction, Reuse, Recycle and Management
- Industrial Energy Efficiency
- Energy Analysis and Mass Flow Analysis
- Eco-friendly Purchasing
- Environment Cost and Environmental Controlling
- Environmental Accounting and Environmental Marketing
- Economic and Legal Requirements
- Sustainable Production and Consumption
- Environmental Team
- Motivation
- Environmental Policy
- Creativity and Innovation
- Hazardous Materials
- Project Management
- Communication and Marketing

Simple Examples of Improvement



Scraps sold after 5s program implementation



Revenue: PhP 13,066,514



Use of sprayer for cleaning



Savings: PhP 83,864.85 / yr.

SOME PROJECT PHOTOS

On-Site Visits



On-site visit at Globe Telecom



On-site visit at Lufthansa Technik



Initial Assessment at PAL-Inflight Center



Brainstorming of all participants



Creative thinking exercise



Dr. Thomas Dielacher, Project Leader, GRAT Stenum presents the project highlights



Video message from PCCI Vice President for Environment & GMA CEO Atty. Felipe Gozon



Energy Analysis Exercise through Coffee Making



Participants reading the exercise sheet regarding eco controlling



Dr. Alena Labodova, Project Director - VSB University of Ostrava awards the ECOSWITCH plaque



Mr. Matthieu Penot from EU Delegation on his congratulatory message



Exercise on Risk Calculation



ECOSWITCH Workshop participants



DENR representatives support the GPIoS project



GPIoS core Project Team in the Philippines

Interactive Workshops

Certification Ceremony