# **Green Philippines Island** of Sustainability





### The Challenges

Green Philippines Islands of Sustainability (GPIoS) is an ambitious initiative that aims to reduce the pollution level caused by SME's located in Metro Manila and the linked CALABARZON region.

The challenges addressed are:

- Huge Energy deficit in country
- Heavy dependence on fossil fuels

### The Path to Improvements

The key objectives of GPIoS are to minimize the environmental impacts caused by SME's in the target region by adopting preventive environmental production and to integrate sustainable growth, social progress and environmental protection with the business of the participating companies.

The main activities include:

- Establishing a GPIoS Training Center
- Training and consulting 500+ companies under Eco Profit programs (Eco Bonus, Eco Focus and Eco Sense)
- Consulting about 180 companies who have already gone through one of the above
- Low level of enforcement by government on environmental compliance of companies

programs through successive CLUB programs to further improve their eco-performance Designing & developing self assessment toolkit based on ECOSENSE approach

Validating and awarding best performing companies



## **Green Philippines Island of Sustainability envisions**

- Reduced pollution level and to increase resource efficiency levels in specific companies in Metro Manila and its linked region CALABARZON
- Increased awareness and use of environmentally friendly technologies and practices
- Implementation of legal compliance and safety instruments leading to improved resource efficiency and increased



## In a Nutshell

The SWITCH-Asia "Green Philippines Island of Sustainability" project is a regional partnership, capacity building and training programme approach for the industries within Metro Manila and CALABARZON region, which aims to address the increased pollution level caused by the SME's in this region.

#### **Contact**:

RNDr. Alena Labodova, PhD VSB – Technical University Ostrava, 17.listopadu 15 708 33 Ostrava-Poruba, Czech Republic

- working standards in participating SME's
- Improved micro climate of the target region

Main Activities	
Training/Workshops	Consulting
<ol> <li>Introduction into Cleaner production and consumption</li> <li>Material flow analysis and consulting</li> <li>Waste, water, and air management</li> <li>Energy analysis and consulting</li> </ol>	<ol> <li>Conduct of initial audit</li> <li>Creation of tailor-made solutions</li> <li>Support on the implementation of modern management tools</li> <li>Recommend state-of-the-art</li> </ol>
<ul> <li>5) Legal compliance</li> <li>6) Ecological purchasing, supply chain, and handling of hazardous material</li> <li>7) Eco-indicators, Eco-Controlling</li> </ul>	technologies // // * * * * * * * * * * * * * * * *

## **Outreach Strategy**

**GPIoS** reaches out to the industries through the industrial chambers it has

	City		
D R	legion		
0	Country		



Energy conservation up to 70%

**Reduction of raw and material input up to 10%** 

**Reduction of waste up to 50%** 

**Reduction of waste water up to 40%** 

**Reduction of industrial emission up to 45%** 

**Return of investment by >1:5** 

Payback period between 6 months to 2 years!

Tel: (+420) 59 699 5540 Fax: (+420) 59 6918589 Email:

Alena.labodova@vsb.cz

Web: <u>http://en.vsb.cz/</u>

Local Project Office: Level 5, A&V Crystal Tower, 105 Esteban Street, Legaspi Village, 1229 Makati City, Philippines

Tel: (+632) 403 1890 Fax: (+632) 403 8358 Web: www.greenphilippines.com Email: alena@greenphilippines.com.ph dielacher@greenphilippines.com.ph



partnered with. Through this network and through the SME's that have participated in a similar successful initiative (Green Philippines Project), GPIoS spreads the awareness and encourages the more companies to switch to cleaner production.

Some of the outreach strategies are

- Promotion through industry associations
- Engaging the companies continuously though CLUB programs
- Providing Self assessment Tool kit to SME's
- Creating GPIoS Centre of Excellence







Μ

M F A