

# GREEN PHILIPPINES

Greening the Philippine Industries with the **ECOPROFIT** Approach



A project funded by  
The European Union's Asia-Pro Eco Programme

## The Fun Factory



**STENUM Ltd.**

[www.stenum.com](http://www.stenum.com)



## Actual Situation

- Your team represents a **plastic producing** company
- Your philosophy is:  
"Quality is our success"
- **Raw materials:** Yellow, Blue, Red plastic  
The **yellow** material is **non hazardous**.  
The **red and blue** materials are **hazardous**.

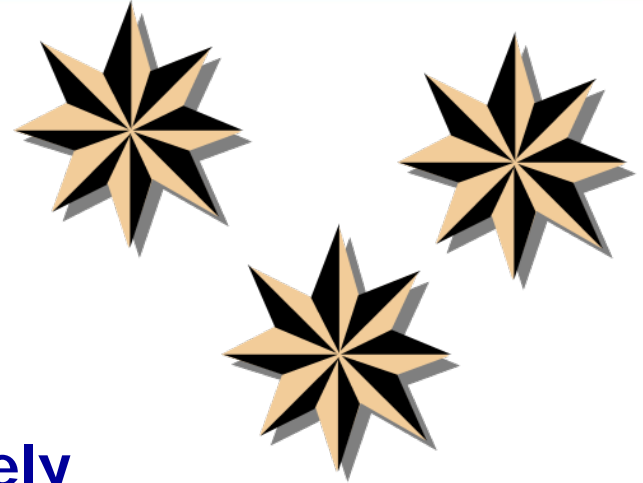


## Team member

- **Manager:** knows the process not exactly
- **Plant Engineer:** responsible for raw material
- **Storage Shed Manager:** responsible for waste separation, storage and disposal
- **Line Operator:** works with the machine (plus cleaning)
- **Regulatory Compliance Co-ordinator:** responsible for controlling of legal and quality requirements

## Your Task

- **Produce:**
  - three yellow stars (1 cm)
  - three blue stars (1 cm)
  - six red ropes (7 cm)
- **Collect the resulting waste separately** (quality control, process, cleaning waste)
- **Collect options for improvement:** be creative!
- Prepare a short **presentation of your company** (name, policy, team),  
the process and your **products**
- **Present your results to the management**





## Your Resources

- **30 minutes** for production
- **30 minutes** for group discussion and preparation of the presentation
- **5 minutes** for presentation
- **1** exercise form
- **1** flip chart
- **4** markers



**Good luck!**

## Options for improvement

- **Good housekeeping**
  - Efficient use of raw material
  - Proper measuring tools
  - Proper cutting tools
  - Better quality control
  - Indicators
  - Feedback
  - Safety equipment: gloves, masks, ...
  - Working instructions
- **Raw materials**
  - Entrance control
  - Prepare by warming



## Options for improvement - 2

- **Technology**
  - Automatic cutting
  - Automatic feeding
  - 3 machines
  - Cooperation
  - Automatisation
- **Internal recycling**
- **External recycling**

