

**The 10th Asian EPS Recycling Conference**  
**October 24, 2008, in Seoul, Korea.**

# **Country Report**



***TAIWAN***

**Chinese Taipei Expanded Polystyrene Recycling Association**

# CTEPSRA Chinese Taipei EPS Recycling Association

● Established : June 27, 1994

● Objective :

1. To promote EPS recycling for reusing the resources.
2. To disseminate the correct understanding of EPS and contribute to the solution of environmental problems.
3. To develop the applications for recycled EPS.
4. To collaborate with overseas EPS recycling organizations and exchange information on EPS recycling.

## Members (as of Dec.2007)

Category	CTEPSRA	Overall
Material Supplier	8	10
Molders	55	n.a.
Private Recyclers and Others	11	n.a.
Total	74	n.a.

# EPS Consumption

Tons



Year

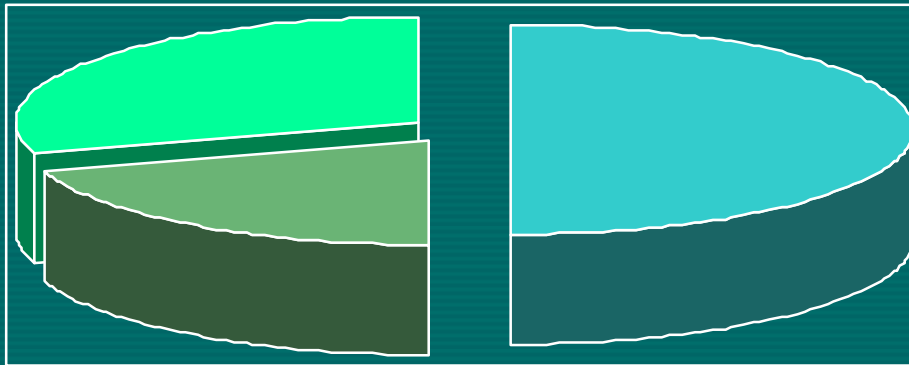
2004

2005

2006

2007

# EPS Application 2006-2007



■ Packaging and Others 50%

■ Container and Box 20%

■ Block and Sheet 30%

# EPS Material Recycled



# EPS Recycling Rate

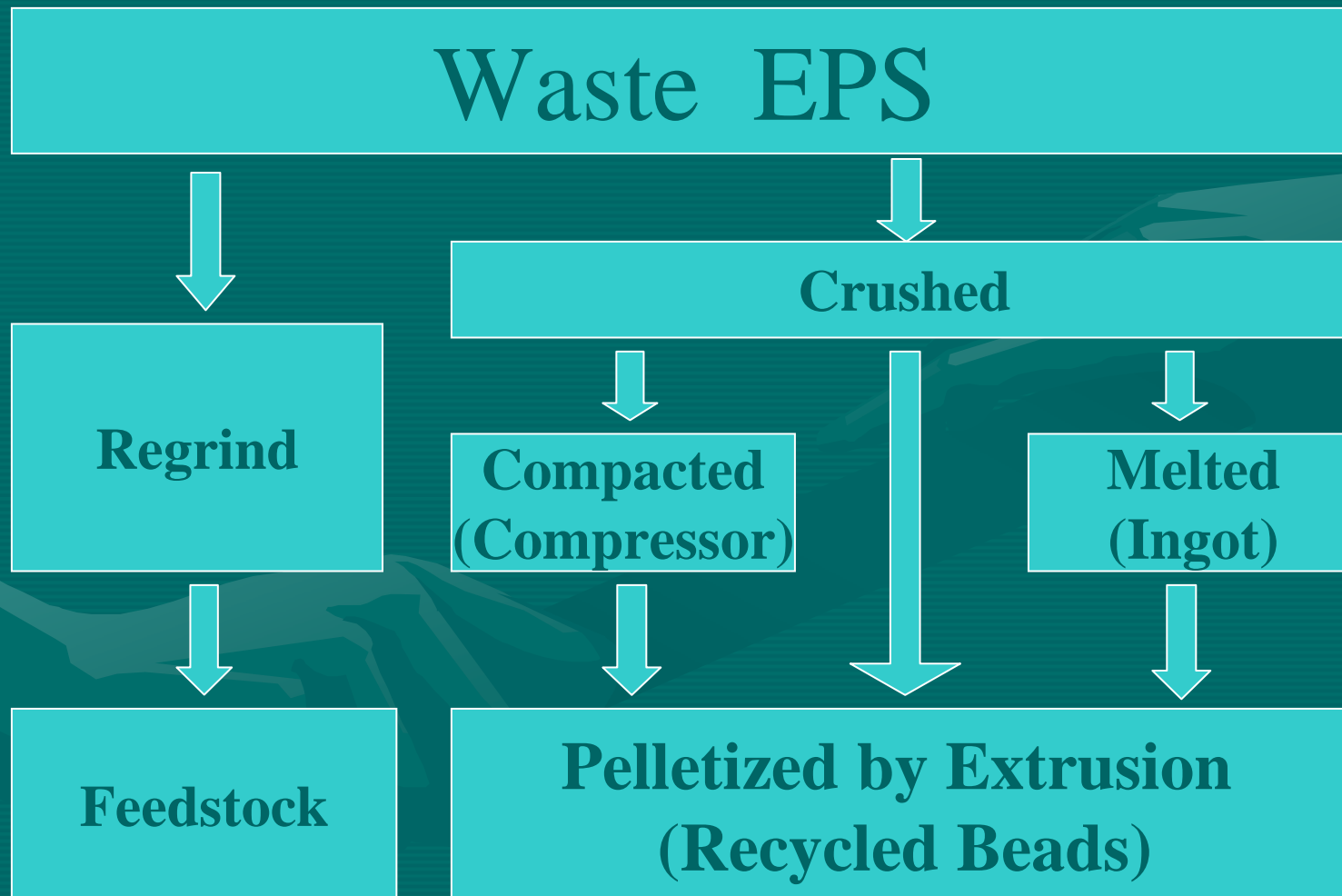


【 According to AMEPS Recycling Rate Formula 】

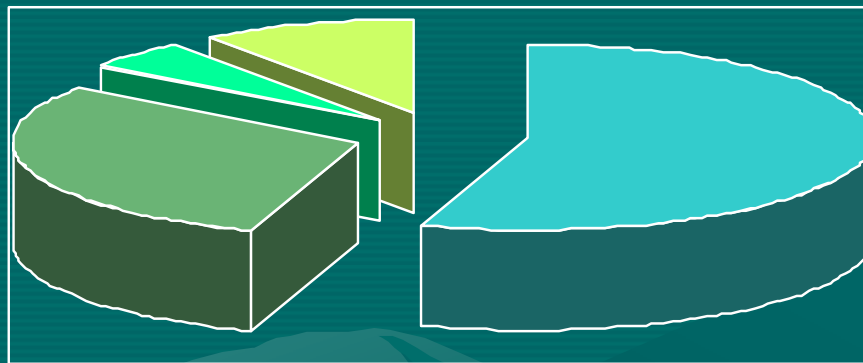
$$\frac{\text{Numerator (Total amount of EPS recycled)}}{\text{Denominator (Total amount of EPS generated)}} = \frac{e}{a - b - c + d} \times 100$$

- a = total EPS production / consumption
- b = amount of EPS used in "durable" goods
- c = amount of EPS exported
- d = amount of imported EPS
- e = amount of EPS recycled

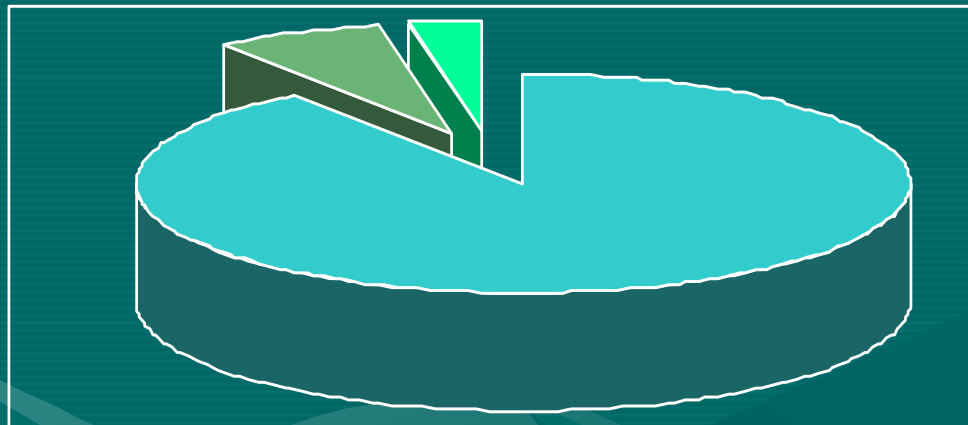
# Recycling Methods



# Material Recycling 2006-2007



# EPS Recycling & Disposal 2006-2007



■ Material 90%  
■ Incineration 7%  
■ Thermal 3%

# Recycled Applications

- **Crushed Material :**  
Feedstock, Mortar Admixture, Drainage Material, Light-weight Brick, Lintel, Flooring, etc.
- **Recycled Pellet :**  
Synthetic Wood, Foothold for Bathroom, Video Cassettes, Picture Frame, Window Frame, Flower Pots, Stationery, etc.

# Legislation & Regulation on EPS

- No ban on the use of EPS or waste.
- CTEPSRA proposed a voluntary recycling program, and entered into a contract with Environmental Protection Administration (EPA), Government of Taiwan.





***Thank you***

CTEPSRA ( Taiwan )