

Intro (30sec)

- briefly outline presentation

Environmental Impacts (1min)

- 3 Issues
- High Consumption, High Landfill Use
- Manufacturing Unsustainable
 - utilizes fossil fuels
- Death of Wildlife
 - a million birds die annually
 - marine life mistake plastic bags to be jellyfish
 - 100,00 die annually
 - leatherback turtle found dead with 57kg of plastic bags in its innards (1998)
 - Minke whale was similarly found dead with 800kg of plastic bags (2002)

Biodegradable, Bioerodable, Recycle (2 min)

- differentiate biodegradable & bioerodable (slide)
- point out why PE bags are used (table)
- point out why biodegradable & bioerodables need to be separated (table)
- “recycled” around the home for various purposes
 - not quite recycling, endpoint still landfill (graph)

Australian Efforts (2 min)

- consumer awareness & levy-free (ie. “Clean Up Australia” campaign)
- No Implementation (pamphlets, website, staff)
- 303 bags per capita (2002)
- 192 bags per capita (2005)
- Bag Reduction Potential Unknown
 - possibly reached its limit
 - if not, how much more can it reduce usage by? Unknown

Irish Plastic Tax (2 min)

- originally addressed litter problem
- cover content on slide
- simple implementation
 - collection procedures can be like sales tax
 - cash registers just need software update
 - government must have staff in place to answer questions, appeals, etc

Bangladeshi Plastic Bag Ban (2min)

- cover content on slide
- briefly explain potential public unrest (people used to having PE shopping bags)
- briefly explain new problems (ie. garbage bin liners)

Chinese Free Plastic Bag Ban & Conclusion (30 sec)

- 3 billion bags per day
- quickly run over slide, stress unknown
- wrap up findings