

Environmental Legislation

Benefit or Burden

26 September 2003

Louis Duffy, Senior Engineer,
Cork County Council.

Why Regulate

- Protection of the Environment
- World Standards
- European Union requirements
- Irelands Green Image
- It helps to sell product

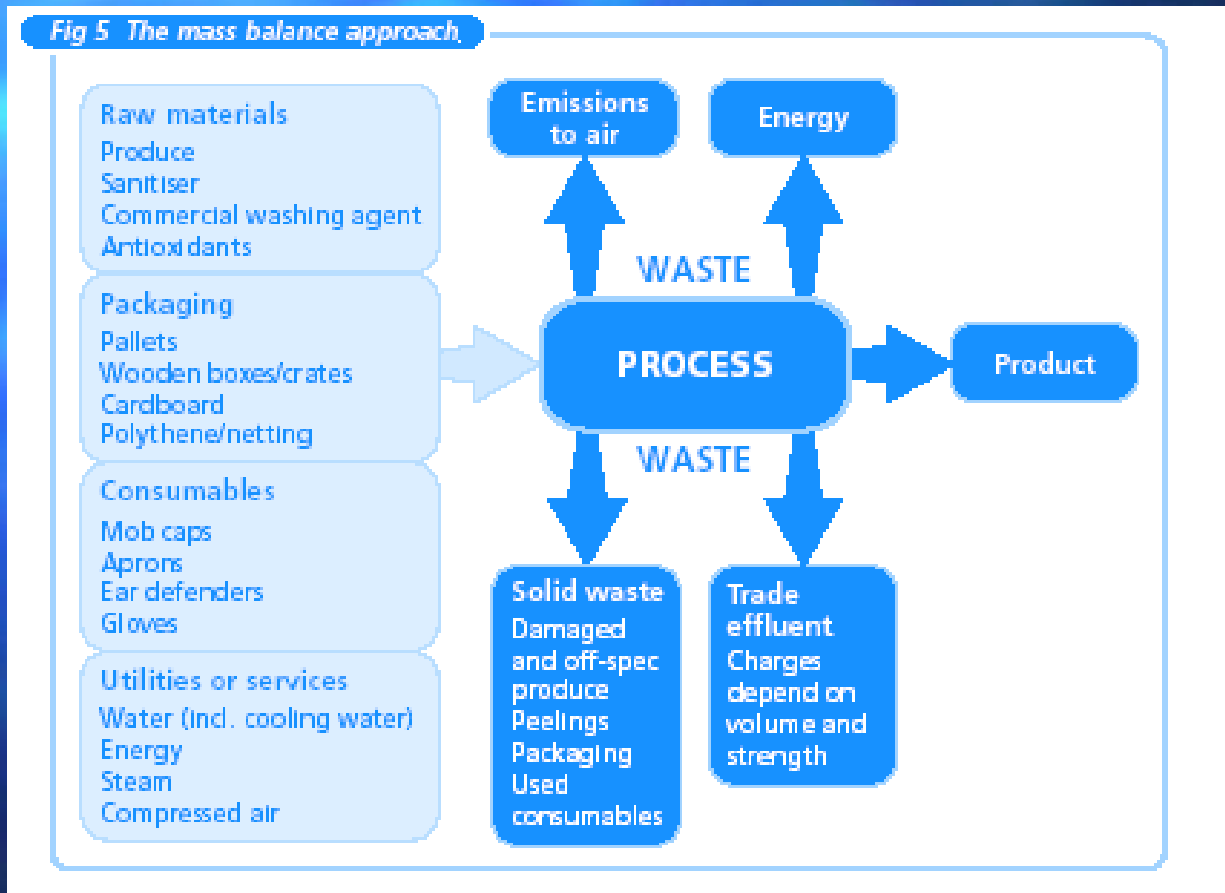
What is the Environment

- Human Beings, Flora and Fauna
- Soil, Water, Air, Climate, Landscape
- Material Assets, Heritage (Archaeological and Cultural)

What is a A Good Environment

- Clean Water
- Clear Air
- High Visual Amenity
- Quiet
- Light
- Radiation
- Somebody takes away our Waste

But I don't



Impacts on Environment

- CONTAMINATION

 - Impact on natural background levels.

- POLLUTION

 - Impact at objectionable levels .

- Environmental Quality Objectives

- Emission Limit Values

Forms of Regulation

- European Regulations
- European Directives
- National Legislation

Who Regulates?

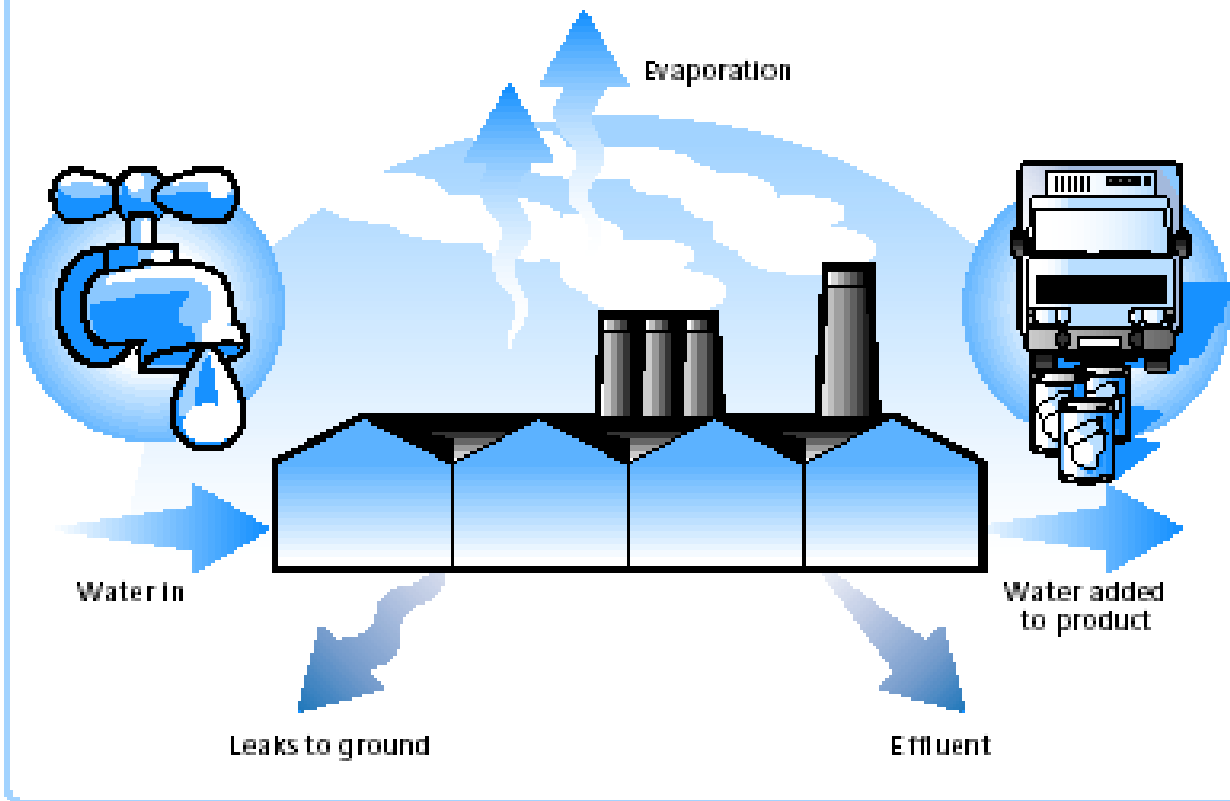
- Department of the Environment
 - Develops National Legislation
- Environmental Protection Agency
 - Licenses large scale 'Scheduled Industry'
 - Licenses Waste Activities
- Local Authority
 - Licenses or permits other activities

How does this affect me?

- Planning Application
- Water Discharges
- Air Emissions
- Waste
 - Storage,
 - Treatment (Disposal or recovery)
 - Transport

Water Pollution

Fig 6 Simple water mass balance



Water Legislation

- The European Communities (Quality of Water Intended for Human Consumption) Regulations, 1988 + (Amendment) Regulations, 2000

Water Pollution

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Water Legislation (2)

- LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977
- WATER QUALITY (DANGEROUS SUBSTANCES) REGULATIONS, 2001
 - Standards for Pesticides, Solvents and Metals

Integrated Pollution Control

- ENVIRONMENTAL PROTECTION AGENCY ACT, 1992

Solid Waste Management

- WASTE MANAGEMENT ACT, 1996
 - WASTE MANAGEMENT (PERMIT) REGULATIONS, 1998
 - WASTE MANAGEMENT (COLLECTION PERMIT) (AMENDMENT) REGULATIONS, 2001

Solid Waste Management (2)

- WASTE MANAGEMENT (PACKAGING) REGULATIONS, 2003
- WASTE MANAGEMENT (ENVIRONMENTAL LEVY) (PLASTIC BAG) REGULATIONS, 2001

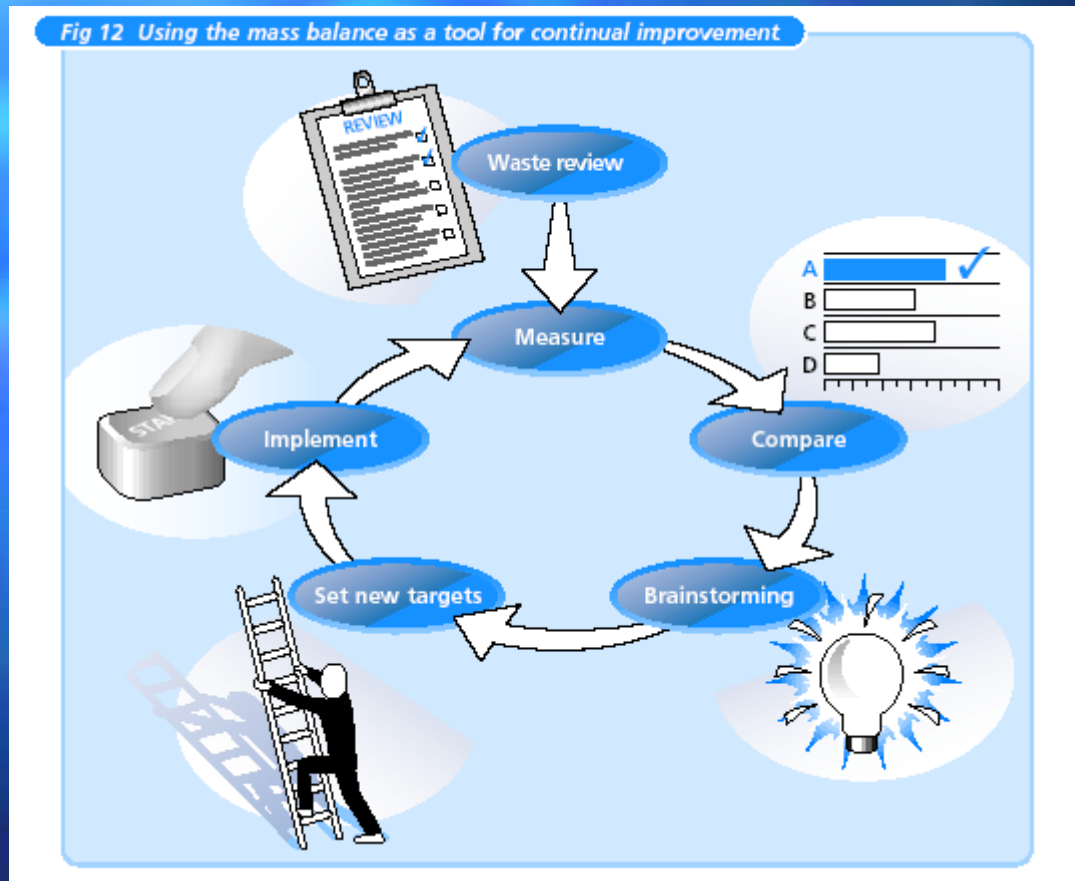
Air Pollution

- AIR POLLUTION ACT, 1987

Planning and Development

- PLANNING AND DEVELOPMENT ACT, 2000.

Whats in it for me



Cost of Solid Waste

- Landfill Charge € 230 per tonne
- Recycling €0-80 per tonne
- Reduction € free

Other Savings

- To reduce water discharge, reduce water intake. You also reduce chemical use
- To reduce noise from Compressors, reduce cooling loads and discharge rates.
- Plan from the start, but always improve.
- Lateral thinking helps

Further Advice

- Cork County Council
Environment Department
County Hall
CORK