



The Landfill Directive

**Council Directive 1999/31/EC on the landfill
of waste**

**[http://europa.eu.int/comm/environment/waste
/landfill_index.htm](http://europa.eu.int/comm/environment/waste/landfill_index.htm)**



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Objectives

To prevent or reduce as far as possible negative effects from the landfilling of waste on

- the environment
- the global environment
- human health



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Key elements

3 classes of landfill: (No co-disposal !)

- **landfills for hazardous waste**
 - **landfills for non-hazardous waste**
 - **landfills for inert waste**
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- **Obligation to treat waste before landfilling**



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Key elements (continued)

- **Permit, control and monitoring requirements:**
 - **content of authorisation request**
 - **conditions for authorisation**
 - **financial security**
 - **monitoring of water and gas emissions (operation phase/after-care phase)**



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Key elements (continued)

○ ban of certain wastes:

- 2003 whole tyres, 2006 shredded tyres
- liquid waste
- explosive, corrosive, oxidising, flammable waste
- infectious hospital and veterinary waste
- waste not meeting acceptance criteria



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Key elements (continued)

Reduction targets* for the landfilling of biodegradable waste (based on data for 1995):

- 75 % by 2006
- 50 % by 2009
- 35 % by 2016

○ **MS to draw up national strategies**

(*Possibility of 4 year extension for MS landfilling over 80% MW in 1995)



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Technical Annexes

- **Annex I: General requirements (location, protection of media)**
 - **Annex II: Waste acceptance criteria for landfills (general principles, preliminary criteria)**
 - **Annex III: Control and monitoring (water, leachate, gas)**
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Decision on waste acceptance criteria and procedures (2003/33/EC)

- **Objective:** landfill only waste that is compatible with the protection afforded by each landfill class
- **Acceptance procedure:** what information to collect, when to test
- **Acceptance criteria:** limit values and/or lists of waste acceptable at a specific landfill class
- **List of test methods to be used (developed by CEN)**



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Waste acceptance criteria (continued)

Procedure

- Basic characterisation
 - Compliance testing
 - On-site verification
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- Criteria for three landfill classes, including underground storage
 - Higher limit values may be authorised for some parameters under certain conditions (case by case decision, no additional risk)



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Waste acceptance criteria (continued)

- for landfills for inert waste
- for landfills for non-hazardous waste
- for landfills for hazardous waste in non-hazardous landfills (special requirements for asbestos waste)
- for landfills for hazardous waste
- for underground storage