



Local and Regional
Government Finland

Implementation of the Landfill Directive

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Implementation of the Landfill Directive/Tradition

- In Finland there is a tradition to take Legislation very seriously
- We trust in Legislation
- In our history our own legislation has secured our independence
- We are serious in implementing the EU-Directives

Implementation of the Landfill Directive/Tradition

- In Finland Waste Management has been strongly based on Landfills
- “at least one in every municipality”
- 1990 = 480
- 2000 = 190
- 2005 = 80
- 2008 = 50

Implementation of the Landfill Directive

- The Waste Act
- The Waste Decree
- Government Decision on Landfill Sites
- Government Decree on waste incineration
- National Waste Plan
- National Biodegradable Waste Strategy

Government Decision on Landfill Sites

- Implements the Directive
- Very thoroughly
- Has been amended six times

As the directive entered to force and for more detailed implementation

“Some difficulties in reading the decision”

Government Decision on landfill sites

- **Decision in to force:** 01.10.1997; partly 1.1.2005, see. 10 §, annexes 1-3
- **Has been amended six times**
 - 381/2008; into force 13.05.2008
 - 59/2008; in to force 01.02.2008
 - 202/2006: in to force 01.09.2006
 - 13/2002; in to force 01.02.2002
 - 552/2001; in to force 01.01.2002
 - 1049/1999; in to force 01.01.2002

Government Decision on Landfill Sites

- The Legal Requirements
(location, technical and engineering req.)
- Bind every Landfill /The Environmental Permits
- Many Landfills were closed in November 2007
- The requirements on the Base were not fulfilled
- Some Sites would have been proper on environmental bases
 - Economy? Sustainable Development?

The target to reduce the amount of Biodegradable Waste

- Government Decision on Landfill Sites
4.1.2 §
- Prohibited to dispose such Municipal Waste of which the most part of Biodegradable Waste has not been separately collected or other wise taken to recovery or treatment
 - Not very concrete ?
 - Some demand on stronger legislation
 - (The Solid Waste Association/ Municipal Waste Companies)

The target to reduce the amount of Biodegradable Waste

- Targets in the National Waste Plan
- Do not directly bind the Municipal Waste Management
- The Reporting has to be done on each WM- plant

Privatisation problems

- Municipal Waste Management Task was decreased 1.6.2007
- Waste from Enterprises excluded
- Management and Reporting of Municipal Waste incl. Bio Waste is in several hands

The Future

- The Association for Local Authorities
- The Solid Waste Association (Municipal Waste Companies)
 - Demand an Efficient New Waste Legislation & Organisation
 - All Municipal Waste to Municipal Waste Management

Bio Waste problems

- Producer Responsibility on Waste Paper works (on traditional bases)
- Producer Responsibility on Package Waste problematic
 - Shared Responsibility
 - Municipalities “have to take the rest”

Bio Waste problems

- EU Targets can be problematic
- The Wood Package Waste would be more use full in Energy Production than used as Material (chopped and used in Composting)

Bio Waste problems

Problems on composting other than Garden Waste

- Climate -> Plants don't work, smell
- Recycling the Material
- Permitting difficult/Animal By Product Legislation
- Agriculture does not want use it
- Bio Gas Production= solution?

Energy Recovery problems

- Waste Incineration has no Tradition
- Poor experiences, doubts from the Public, complaints on Environment Permits
- Tens of plants have been planned, but not so many will be built
- Now 2 Energy Recovery plants, soon one more
- Municipal Waste Management negotiates of Energy Recovery with Energy Companies, Industry

Waste Sorting

- Local Waste Charge –Politics
- “Good Economic Measures”
- Urge to sorting
 - “mixed waste costs more”
 - “bio waste is compensated”
 - “hazardous waste for free”

Waste Sorting

- Local Regulations on Waste
 - “An Efficient Tool”
 - In every Municipality/Region
- Regulations on Separate Collection
 - Biodegradable Waste
 - Glass, metal, carton (waste paper on producer responsibility)
 - Hazardous waste