

Environmental Waste Management: A European Perspective



SOLID WASTE IN ROMANIA: MANAGEMENT, TREATMENT AND POLLUTION PREVENTION PRACTICES

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Abstract

The paper analyzes some aspects of waste management in Romania and, in particular, in Iasi County, in view of the European perspective. Urban and rural waste management is considered and collection, transport, processing, recycling or disposal of waste materials is discussed relative to the National Waste Management Strategy and the National Plan for Waste Management, as well as European and national legislative framework. It was showed that land disposal will continue to be a disposal option but due to stricter regulation. Also, some problems with reference to waste management hierarchy and pollution prevention practices that reduce or eliminate the amount and/or toxicity of generated wastes released to the air, land or water before any management practices, treatment or disposal are explored. Local and regional authorities are heavily and increasingly involved in the management of waste. In most cases, they are responsible for developing and implementing municipal waste management plans based on the medium to long term. Solid waste management is regarded much more than a technological issue and usually involves managing a large workforce and working together closely with the public.

Keywords: landfill, management, pollution prevention, solid waste

1. Waste management in European perspective

1.1. Overview

Since the mid - 1980s it has been recognized that waste, as with other environmental problems, is a *global* issue. Waste is now not only a danger to the environment, but it is increasingly a threat to human health and the way of life. Article 8 of the Sixth Action Programme sets down proposals relating to the sustainable use and management of natural resources and waste.

Waste generation is increasing in the EU, and amounted to about 3.5 tonnes of solid waste per person in 1995 (excluding agricultural waste), mainly from manufacturing, construction and demolition and mining (Fig. 1) (EEA, 1998).

Waste management includes all the waste collection, transport, treatment, recovery and disposal (Eriksson et al., 2005). Responsibilities for waste management activities shall be assigned to waste generators, according to the *polluter pays*

principle or, as the case may be, to waste producers, according to the *producer responsibility* principle.

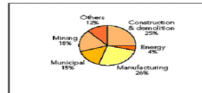


Fig. 1. Waste generation by sector

Organising the collection, transport and disposal of municipal waste is one of the obligations of local public administration.

Most communities use an integrated approach to waste management, meaning they use a variety of ways to handle the trash produced by their citizens. Some of these include pollution prevention, landfilling, recycling, composting,

This work identifies and reviews current research on important topics in modern waste management. Legislation and its impact is included in the book which.livingwithsheep.com: Environmental Waste Management: A European Perspective (): Nigel Horan: Books.livingwithsheep.com: Environmental Waste Management: A European Perspective () and a great selection of similar New, Used and Collectible.Environmental waste management: a European perspective by N J Horan. Environmental waste management: a European perspective. by N J Horan;Environmental legislation regulating litter is primarily taking place at the national level. When . Main focus is now on collecting and recycling household waste.EU legislation on waste, including recent proposals for environmental option from a climate perspective: disposal, in landfills or through.A European Perspective on Nuclear Power Generation There are currently some operational reactors in Europe producing some 35% of the electricity.Sustainable waste management is an area of governance can be highly divisive. . environmental problem of European cities at the same time, Union cities.environment and in the daily operation of solid waste management aims to reach . For comparison the latest EU directives on Hazardous Waste Incineration.Plastic waste. Waste hierarchy. Recycling. Environmental impacts the preferred plastic waste treatment option from an LCA perspective and identify the main.of packaging waste management systems in Europe: the perspective of Journal of Environmental Planning and Management, 60 (5). pp.Management of industrial waste--a European perspective. Schneider T(1). Author information: (1)National Institute of Public Health and Environmental. There had previously been signs of a new environmental consciousness within passages to the problems of environmental pollution, waste management, and.The main characteristics of the European environmental policy are reviewed. waste, the paper presents the principles in which EU waste management is.(vehicules hors d'usage) Collection and transport of toxic waste liability of Environmental coordinators Waste processing facilities Waste disposal.benefits of packaging waste management systems in Europe: the perspective of local authorities. Journal of Environmental Planning and Management. pp. .An Operations Management Perspective on Waste Management The EU waste framework directive and several other adjoining laws have put a lot of .. leadership role in the drive to limit the environmental impact of production activities.environmental sociological Treadmill of Production (ToP) theory to examine waste management policies in the Czech Republic, Germany, and . Such views have clear implications for waste management policy. Europe-.Municipal solid waste (MSW), commonly known as trash or garbage in the United States and rubbish in Britain, is a waste type consisting of everyday items that are discarded by the public. "Garbage" can also refer specifically to food waste, as in a garbage disposal; In the European Union, the semantic definition is 'mixed municipal waste,'.EU target for recycling 65% of municipal waste by not only as an important environmental issue but also positive, proposals-based perspective for achieving.Beyond A European. Perspective on Sediment The

Future of Sediment Management in Europe .. E Waste classified as hazardous in U.S., Europe. & Japan.waste facility treatment, chemical plants or landfill and of the brings us directly to the European perspective on environmental justice and.Polar Pollutants Entry into the Water Cycle by Municipal Wastewater: A European Perspective .. of pharmaceuticals and additives in personal care products in waste water, sludge, Journal of Environmental Management , The management of radioactive waste in Europe and elsewhere has been the subject of both in court rooms and by environmental groups and NGO's in the field. Waste and its Transport in European and International Legal Perspective' in.Ireland in Comparative European Perspective. Third Report of Table 1. Sort Household Waste for Recycling and Cut Back on Car Usage for.

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