



# Legislation and examples of good practice of waste prevention



**“Information Exchange Event on Landfill of Waste and Waste Prevention“**

**Brussels 14-15 May 2009**



# The new Waste Framework Directive

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The new Waste Framework Directive  
prioritises the **Prevention of Waste**  
and requires from the MS  
prevention activities and prevention programmes  
including efficient use of resources.



## The new Waste Framework Directive (Art. 29)

MS shall establish waste prevention programmes not later than **12 December 2013**.

**Waste prevention programmes** shall be integrated into

the waste management plan



other environmental policy programmes



they also can function as separate programmes





## Waste Prevention Programmes (Article 29)

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If included in WMPs or other programmes the waste prevention measures shall be clearly identified.

The programmes shall set out **waste prevention objectives**.

MS shall describe the **existing prevention measures** and **evaluate** the usefulness of measures.

MS shall determine appropriate specific **benchmarks** to monitor and assess progress of the measures.

COM shall create:

- **system for sharing information** on best practice
- **guidelines** for preparation of prevention programmes







## Annex IV: Examples affecting design, production and distribution of products

4

The promotion of eco-design and credible eco-labels.



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The provision of information on waste prevention techniques to support implementation of BAT.

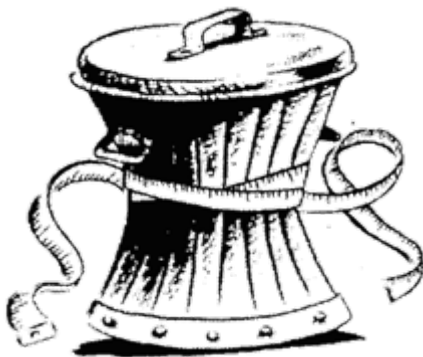


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Training of competent authorities as regards waste prevention requirements in permits.

7

Measures (assessments, plans) to prevent waste production at non IPPC installations.





## Annex IV:

# Examples affecting design, production and distribution of products

8

Awareness campaigns, financial, decision making or other support to business.

9

Voluntary agreements, consumer/producer panels or sectoral negotiations to set targets and provide information.

10

Promotion of creditable environmental management systems such as EMAS and ISO 14001.

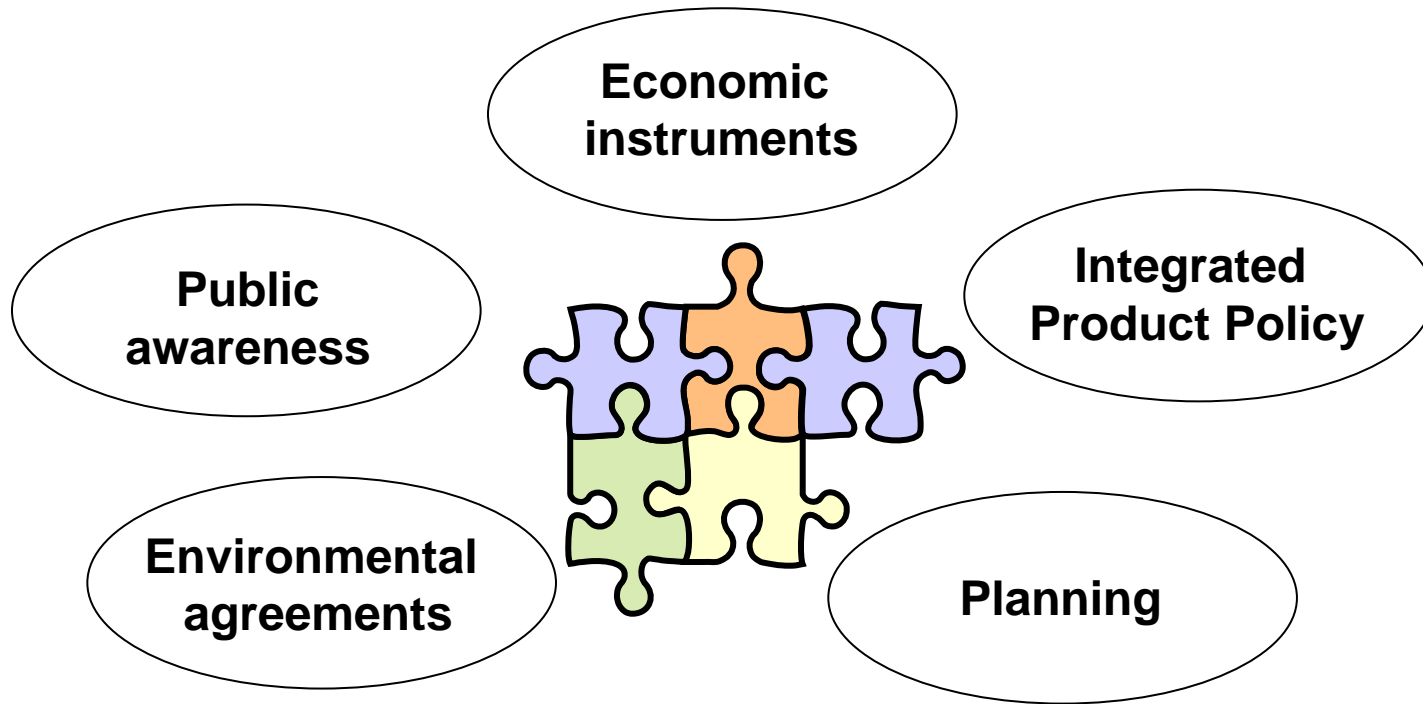






# Summary on implementation of waste prevention

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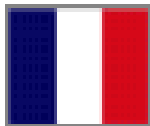




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# Exemplary measures promoting the efficient use of resources

Annual savings  
several thousand Euros



1. Programme “Objectif déchets: -10% en 2 ans”  
reduced waste production in SMEs by at least 10% within two years
2. Exclusive production & use of biodegradable plastic bags in retail markets  
from 2010 on
3. Campaign against printed advertising including free distribution of  
„stop-pub“ stickers for mailboxes



Initiative for sustainable « low waste » construction



Mandatory waste audits in industry

## Examples for R&D into the cleaner & less wasteful products & technologies

### SUSCHEM

- Nanofoams to reduce to <50% material needed for isolation
  - Electronic paper for repeated reuse
  - R&D in electronic information technology
- Bioplastics



« Fabrik der Zukunft » <http://fabrikderzukunft.at>

- Application of rape seed oil as solvent for asphalts
- Application of ZERMEG method to existing galvanizing plants (hazardous waste by 40 %-90%).



PRESTI programs (1-5)

studies and pilot-projects to gain information on waste prevention in SMEs



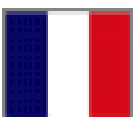
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# Examples for waste related eco-design, eco-labels, EMS



Develop and test new environment friendly design of plastic packaging and increased use of recycled plastics, including dissemination of technical information.

Weight reductions 10 – 65%



Eco-design manuals for various industry sectors  
Standards and norms for product life-times



Organisation of « Convoys » of about 10 enterprises (mainly SMEs) or authorities to facilitate EMAS certification procedures



Athens – Subsidy system to implement mandatory EMAS requirement for all medium and high impact industrial activities in Athens and the harbour area



5

6

## Exemplary activities for information and training on waste prevention



Helsinki metropolitan area waste prevention strategy  
identification and dissemination of best practice for the business sector  
installation of a waste benchmark system  
waste reduction projects within the public sector  
information campaigns for households  
waste prevention as part of school and vocational training schedules;



1. « Project ReRe »  
Local public information campaign on waste reduction and recycling, survey of prevention preferences in households, promotion of 5 % fee reduction for home composting, promotion of ecoefficient products with retailers
2. « Prevention dossier »  
catalogue of best practise in packaging waste prevention







1. Local repair guidelines with lists of contact data of shops for the repair, share or resale of used goods.  
Special repair centers organized with the support of municipalities
2. Reuse of bulky waste items (second-hand furniture markets) in cooperation with public waste disposal authorities (e.g. civic amenity sites), and social welfare offices (recipients of social welfare get subsidised jobs in repair and upholstery from second-hand furniture markets)



Local project for use of food grease and oil as fuel.  
Production of Bio-Diesel from kitchen residues from tourist industry for use in municipal public transport.

1.3 million liters per year



Thank you for your attention

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Project results & background material

<http://www.bipro.de/waste-events/wmp/prevention.htm>