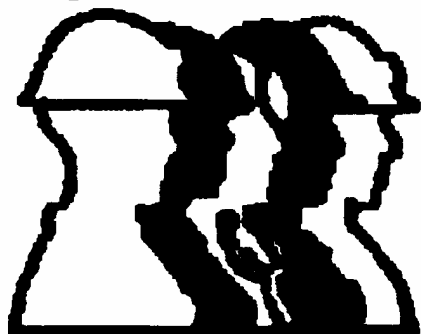


*GESTIONE DEI RIFIUTI: IMPATTI  
SULL'AMBIENTE E LA SALUTE, ALTERNATIVE*

**Milano – 18 aprile 2009**

**MOVIMENTO DI LOTTA PER LA SALUTE COOP. A R.L. e O.N.L.U.S.**



**Medicina  
Democratica**

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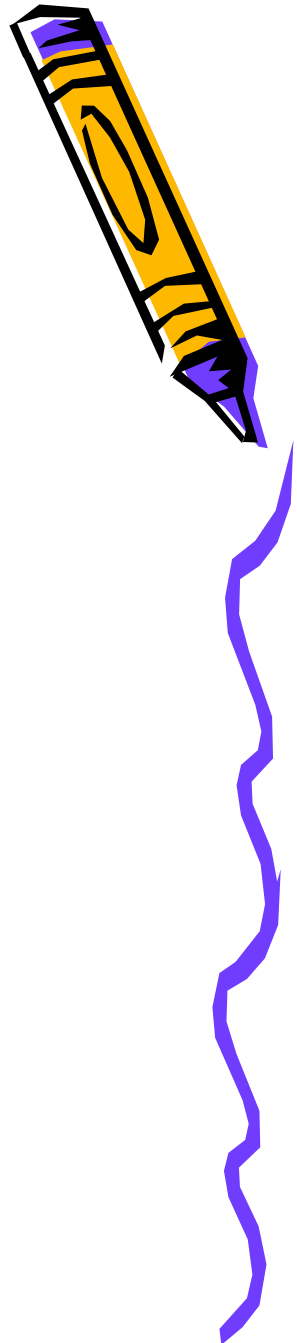
**Tel. 02 498.46.78 Fax 02 480.14.680 - 0331 501792**

[www.medicinademocratica.org](http://www.medicinademocratica.org)

# Qualche numero per gradire

- Produzione rifiuti urbani Italia 2007  
32.547.543 t/a

Produzione procapite (media) 2007  
546 kg/ab/anno  
Lombardia 512  
Basilicata 414  
Toscana 694



# Raccolta differenziata (%)

- Media Italia 2007 = 27,5 %
- Trentino 53,4 %
- Veneto 51,4 %
- Piemonte 44,8 % Lombardia 44,5 %
- Toscana 31,3 %
- Sardegna 27,8 %

# Gestione rifiuti urbani 2007

- Incenerimento 10,7 %
- Trattamento organico 6,7 %
- Altre forme di recupero 10,5 %
- TMB 22,7 %
- Discarica 46,7 %
- Ecoballe campane 2,6 %

# Gli imballaggi

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□ Immessi al consumo : 12.377 t  
(2.194 materie plastiche)

Riciclo 2007 = 7.135 t

(da superfici private 4.208 t)

“Recupero energetico” 2007 = 1.268 t

(da superfici private 0 t)

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# I rifiuti speciali (2006)

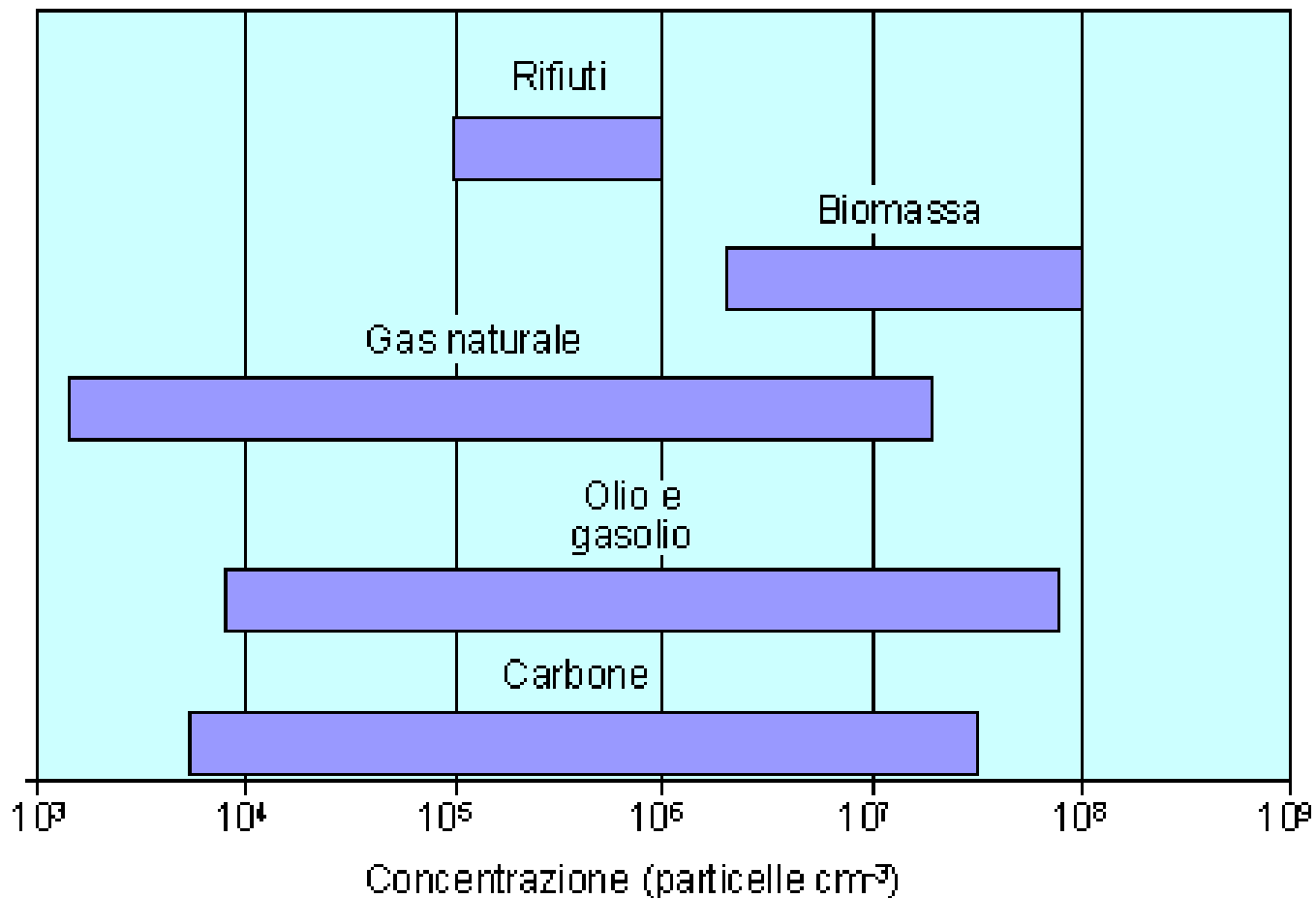
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- Totale Italia : 134.727.465 t  
(di cui : 52.082.805 da costruzione/demolizione;  
9.235.407 t pericolosi di cui 778.561 t derivanti  
dal trattamento dei rifiuti)

# La gestione dei rifiuti speciali

- Attività di recupero ( R ) = 60.398.575 t  
49,3 % del “gestito”  
(di cui R1 “recupero energetico” = 2.693.000 t)
- Attività di smaltimento (D) = 43.268.578 t  
(di cui D10 incenerimento = 1.076.000 t)
- Totale gestito 117.025.259 t, quindi mancano all'appello 17.702.000 tonnellate circa

# *Intervalli indicativi delle presenze emissive di Particelle ultrafini da attività di combustione fissa*





# INCENERITORI DI RIFIUTI URBANI

Fonte: Jay K. and Stieglitz L. (1995). *Identification and quantification of volatile organic components in emissions of waste incineration plants*. Chemosphere 30 (7):1249-1260.

pentane	pentanecarboxylic acid	octanoic acid	dodecanecarboxylic acid
trichlorofluoromethane	propyl benzene	2-bromo-4-chlorophenol	3,3'-dimethylbiphenyl
acetonitrile	benzaldehyde	1,2,5-trichlorobenzene	3,4'-dimethylbiphenyl
acetone	5-methyl-2-furane carboxaldehyde	dodecane	hexadecane
iodomethane	1-ethyl-2-methylbenzene	bromochlorophenol	benzophenone
dichloromethane	1,3,5-trimethylbenzene	2,4-dichloro-6-methylphenol	tridecanoic acid
2-methyl-2-propanol	trimethylbenzene	dichloromethylphenol	hexachlorobenzene
2-methylpentane	benzotrile	hydroxybenzotrile	heptadecane
chloroform	methylpropylcyclohexane	tetrachlorobenzene	fluorenone
ethyl acetate	2-chlorophenol	methylbenzoic acid	di-benzothiofene
2,2-di-methyl-3-pentanol	1,2,4-trimethylbenzene	trichlorophenol	pentachlorophenol
cyclohexane	phenol	2-(hydroxymethyl)benzoic acid	sulphonic acid m.w.224
benzene	1,3-dichlorobenzene	2-ethylnaphthalene-1,2,3,4-tetrahydro 2,4,6-	phenanthrene
2-methylhexane	1,4-dichlorobenzene	trichlorophenol	tetradecanecarboxylic acid
3-methylhexane	decane	4-ethylacetophenone	octadecane
1,3-dimethylcyclopentane	hexanecarboxylic acid	2,3,5-trichlorophenol	phthalic ester
1,2-dimethylcyclopentane	1-ethyl-4-methylbenzene	4-chlorobenzoic acid	tetradecanoic acid isopropyl ester
trichloroethene	2-methylisopropylbenzene	2,3,4-trichlorophenol	caffeine
heptane	benzyl alcohol	1,2,3,5-tetrachlorobenzene	12-methyltetradecacarboxylic acid
methylcyclohexane	trimethylbenzene	1,1'bi-phenyl (2-ethenyl-naphthalene)	pentadecacarboxylic acid
ethylcyclopentane	1-methyl-3-propylbenzene	3,4,5-trichlorophenol	methylphenanthrene
2-hexanone	2-ethyl-1,4-dimethylbenzene	chlorobenzoic acid	nonedecane
toluene	2-methylbenzaldehyde	2-hydroxy-3,5-dichlorobenzaldehyde	9-hexadecene carboxylic acid
1,2-dimethylcyclohexane	1-methyl-2-propylbenzene	2-methylbiphenyl	anthraquinone
2-methylpropyl acetate	methyl decane	2-nitrostyrene(2-nitroethylbenzene)	di-butylphthalate
3-methylheptane	4-methylbenzaldehyde	decanecarboxylic acid	hexadecanoic acid
paraldehyde	1-ethyl-3,5-dimethylbenzene	hydroxymethoxybenzaldehyde	eicosane
octane	1-methyl-(1-pro-pernyl)benzene	hydroxychloroacetophenone	methylhexadecanoic acid
tetrachloroethylene	bromochlorobenzene	ethylbenzoic acid	fluoroanthene
butanoic acid ethyl ester	4-methylphenol	2,6-dichloro-4-nitrophenol	pentachlorobiphenyl
butyl acetate	benzoic acid methyl ester	sulphonic acid	heptadecanecarboxylic acid
ethylcyclohexane	2-chloro-6-methylphenol	m.w.192	octadecadienal
2-methyloctane	ethyl dimethylbenzene	4-bromo-2,5-dichlorophenol	pentachlorobiphenyl
dimethyldioxane	undecane	2-ethylbiphenyl	aliphatic amide
2-furanecarboxaldehyde	heptanecarboxylic acid	bromodichlorophenol	octadecanecarboxylic acid
chlorobenzene	1-(chloromethyl)-4-methylbenzene	1(3H)-isobenzofuranone-5-methyl	hexadecane amide
methyl hexanol	1,3-diethylbenzene	dimethylphthalate	docosane
trimethylcyclohexane	1,2,3-trichlorobenzene	2,6-di-tertiary-butyl-p-benzoquinone	hexachlorobiphenyl
ethyl	4-methylbenzyl	3,4,6-trichloro-1-methyl-phenol	benzylbutylphthalate
benzene	alcohol	2-tertiary-butyl-4-methoxyphenol	aliphatic amide
formic acid	ethylhexanoic acid	2,2'-dimethylbiphenyl	diisooctylphthalate
xylene	ethyl benzaldehyde	2,3'-dimethylbiphenyl	hexadecanoic acid hexadecyl ester
acetic acid	2,4-dichlorophenol	pentachlorobenzene	cholesterol.
aliphatic carbonyl	1,2,4-trichlorobenzene	bi-benzyl	
ethylmethylcyclohexane	naphthalene	2,4'-dimethylbiphenyl	
2-heptanone	cyclopentasiloxanedecamethyl	1-methyl-2-phenylmethylbenzene	
2-butoxyethanol	methyl acetophenone	benzoic acid phenyl ester	
nonane	ethanol-1-(2-butoxyethoxy)	2,3,4,6-tetrachlorophenol	
isopropyl benzene	4-chlorophenol	tetrachlorobenzofurane	
propylcyclohexane	benzothiazole	fluorene	
dimethyloctane	benzoic acid	phthalic ester	

# Il filosofo .....

- *Ogni uomo s'ingegna di procurare all'altro uomo un nuovo bisogno, per costringerlo a un nuovo sacrificio, per ridurlo a una nuova dipendenza e spingerlo a un nuovo modo di godimento e quindi di rovina economica.....*

- *Con la massa degli oggetti cresce quindi la sfera degli esseri estranei, ai quali l'uomo è soggiogato, ed ogni nuovo prodotto è un nuovo potenziamento del reciproco inganno e delle reciproche spoliazioni.*

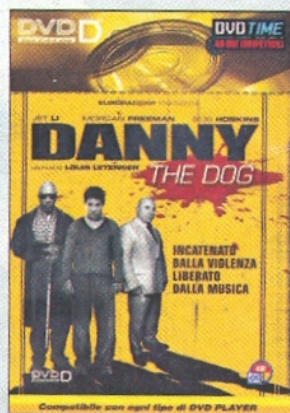
*Karl Marx*

*Manoscritti economico-filosofici del 1844*

# Uso, “consumo”, abuso ...

**GUARDALO 48 ORE, POI GETTALO!**

**Li acquisti, li apri e hai 2 giorni per vederli!**



**DVD TIME**  
**48 ORE IRREPETIBILI**

**6,90€**  
**CAD.**



**ECOACQUISTI**

Campagna per la riduzione  
dei rifiuti urbani

# Dalla responsabilità condivisa alla responsabilità estesa



*Nota: Applicazione del principio che il produttore provveda allo smaltimento degli imballaggi dei prodotti forniti*

# La soluzione è nella tecnologia ..... ?

