If you are not for Zero Waste... how much waste are you for?

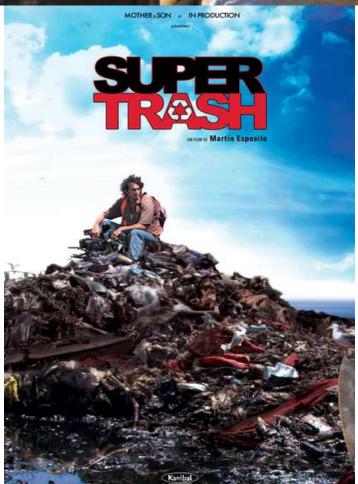


www.zerowasteeurope.eu

Facebook.com/zerowasteeurope @zerowasteeurope

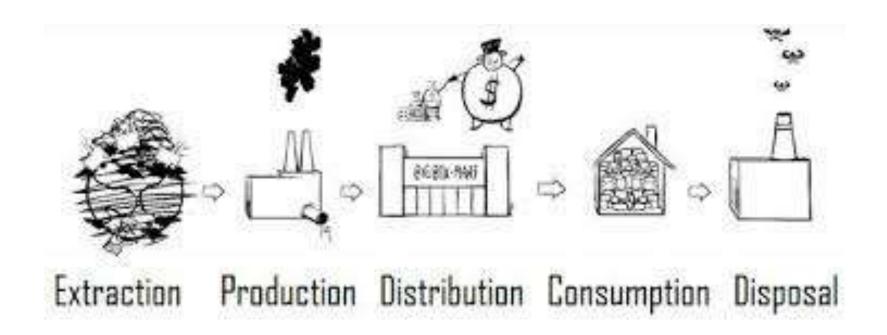
Joan Marc Simon
Executive Director
Zero Waste Europe



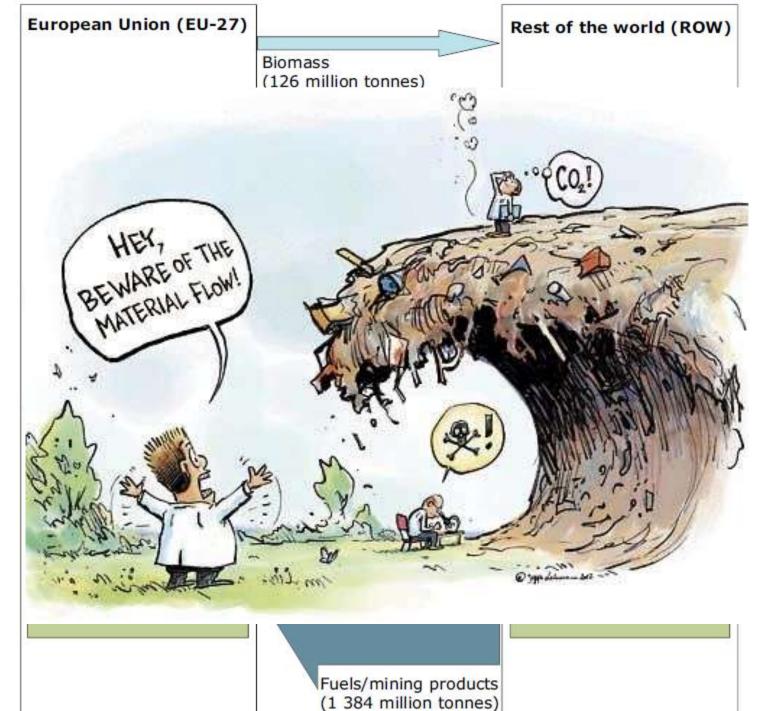




The linear economy is heating up the planet







Source: EEA

Waste policy is not about waste

SOCIAL POLICY

Job creation

INDUSTRIAL POLICY

Relocalising clean production

ENVIRONMENTAL

Reducing emissions & impact on Environment

HEALTH

Improving health reducing toxics

FOREIGN POLICY

Reducing dependency from foreign inputs

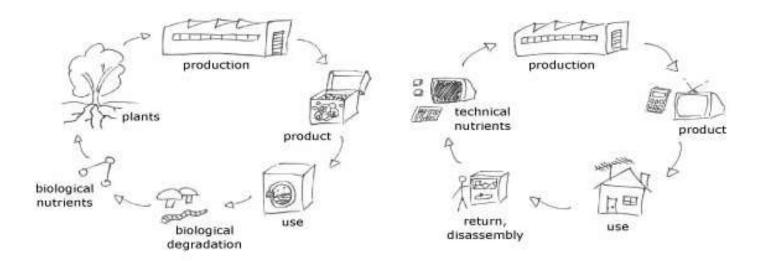
ECONOMIC POLICY
Shifting taxes

Zero Waste?

principles



Make waste visible to design it out of the system



biological cycle for Products for Consumption technical cycle for Products for Service





BUSINESS INSIDER

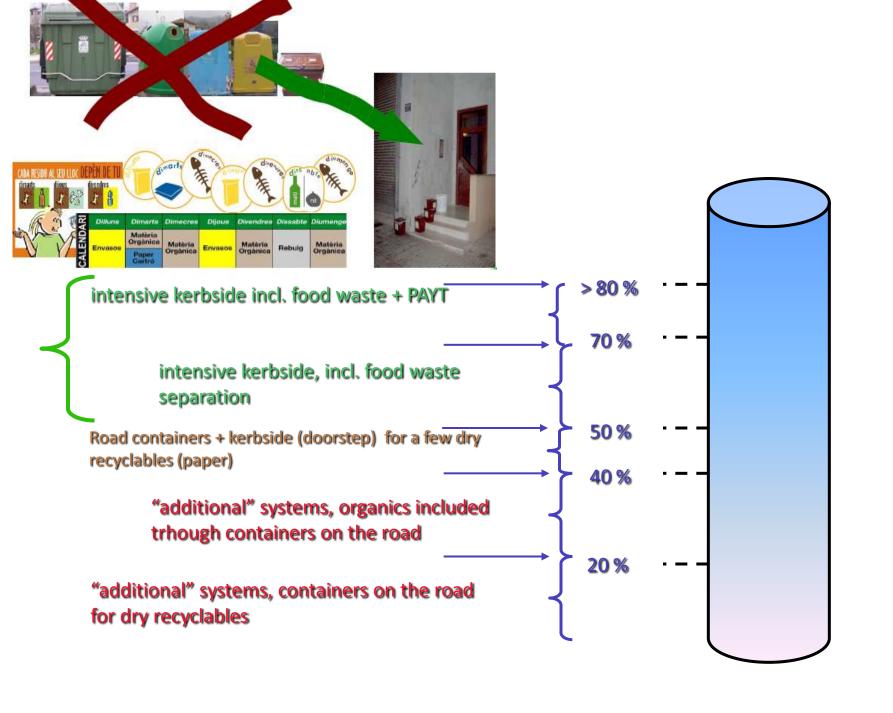


"If a product can't be reused, repaired, refurbished, recycled or composted it it needs to be redesigned or taken out of the system"

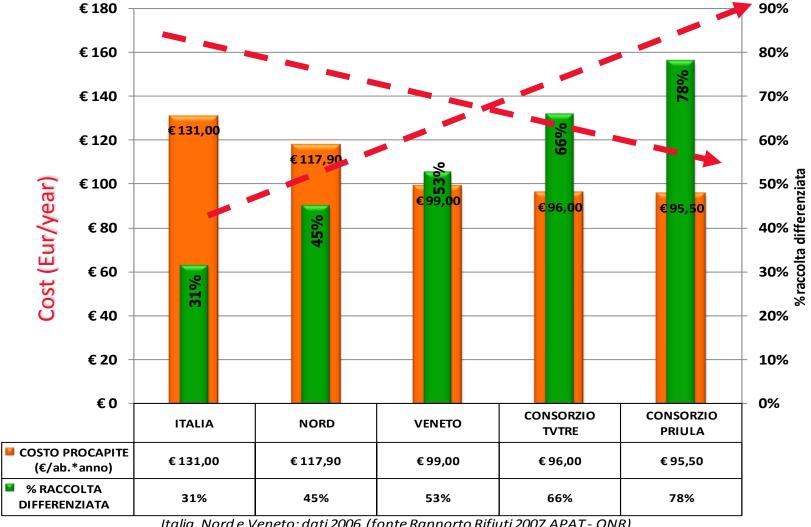
Excellent separate collection

No recyclables or compostables can end up in disposal facilities





Separate collection - more expensive?



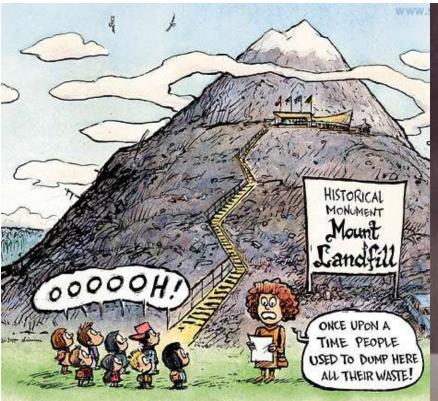
Italia, Nord e Veneto: dati 2006 (fonte Rapporto Rifiuti 2007 APAT - ONR) Consorzio Priula e Consorzio TvTre: costi dati 2008 - % RD stima anno 2008

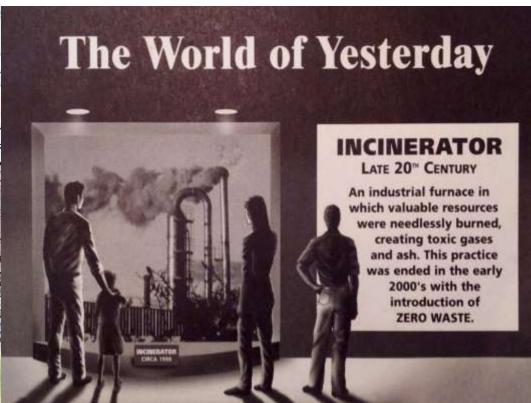


zerowaste

NO BURN

NO BURY

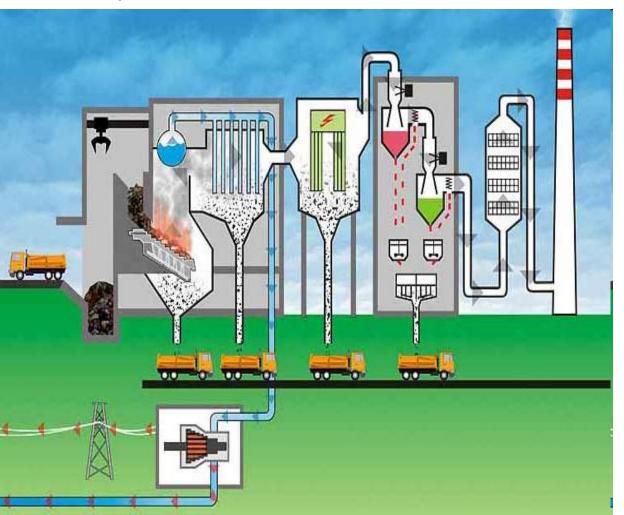




Mass Burn Incinerator

Advantages: no methane emissions, generates heat

and power



Problems

- Cost
- Innefficient source of energy
- Corruption
- Air emissions
- Fly and bottom ash
- GHG emissions
- Destroys resources
- Competes with recycling
- Needs auxuliary fuel



Stop superfluous waste => reduce resource & product use



PLASTIC BAGS



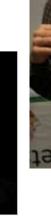




"The problem of plastic bags will not be cured without the political will to do so."

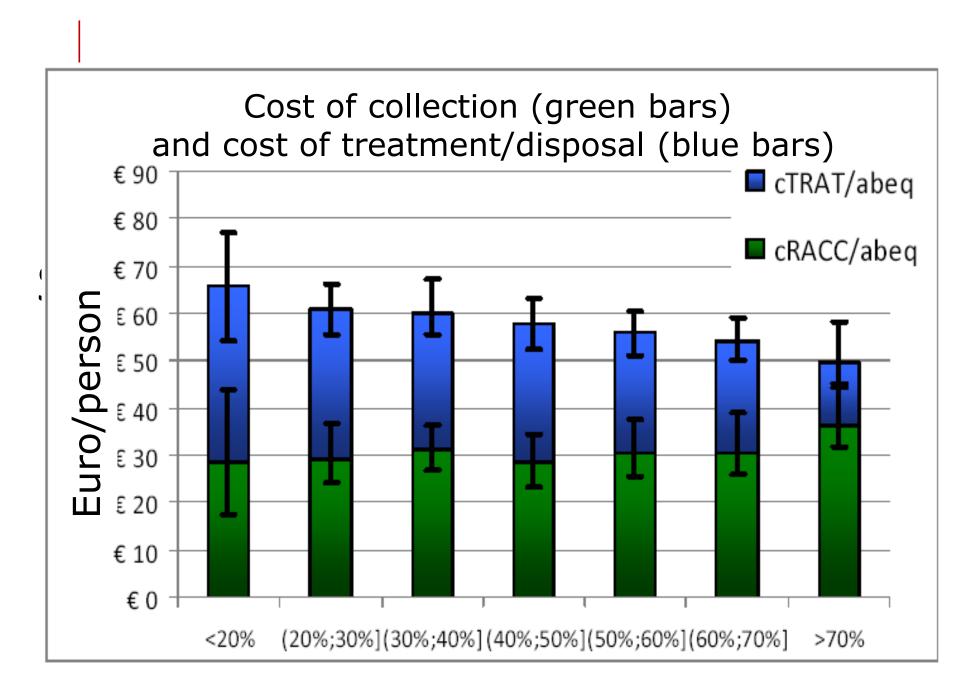
Jeremy Irons, Oscar winning actor





KILLS





D.

Recycling is good!

Exploiting the urban gold mine – a comparison

Primary production

≈ 5 g/t Au in ore

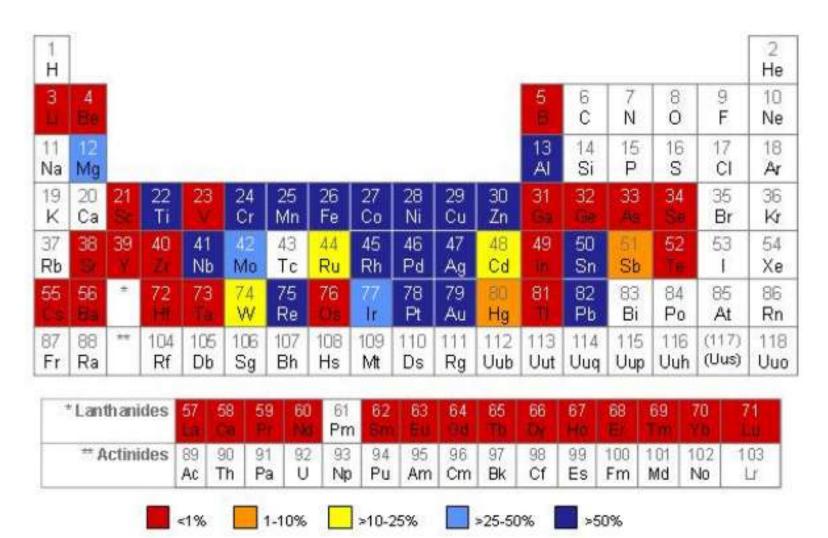


Secondary production

≈ 250 g/t Au in computer circuit boards



Reuse is a lot better than recycling





or knick-knacks and household goods







Reuse of construction materials.









Återbruket – for those looking for used construction materials

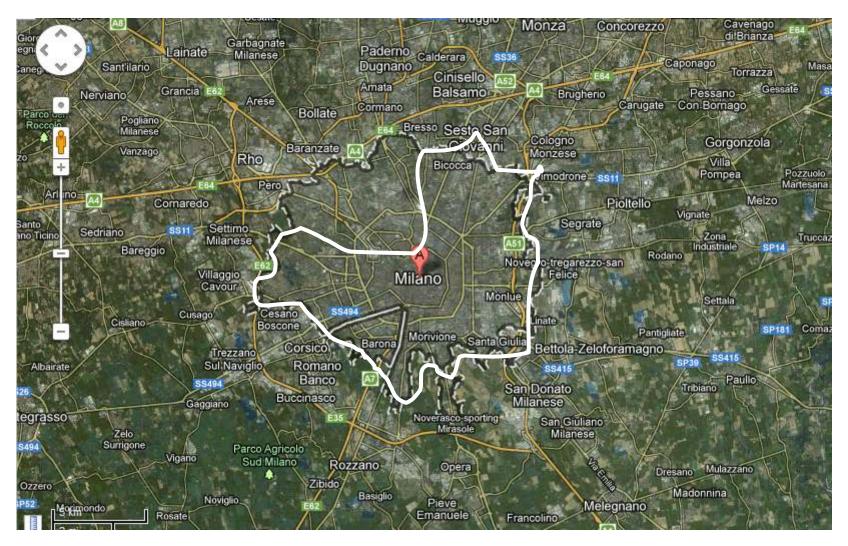








Milan — ¾ of town, now covering 1 M people









Intensive source separation of foodwaste at high-rises in Milan









In Gipuzkoa – 48 municipalities for ZW

Hernani, Basque country

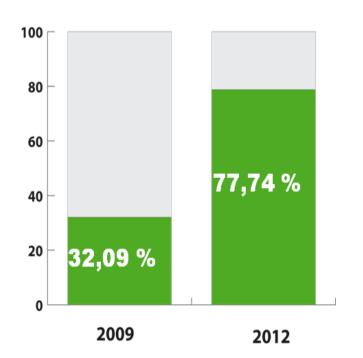


Evolution of separate collection

250 Refuse Glass 200 Light packaging 150 Paper **BIOwaste** 100 50 2009 2010 2011 2012

Variation of collection

SEPARATE COLLECTION VS. RESIDUAL WASTE





Experiences in 40 municipalities

Home-composting



Community

























TRADITIONAL WASTE MANAGEMENT





Incineration (WtE, gasification, pyrolisis...)

Co-incineration (Cement kilns, biomass plants...)





ZERO WASTE SCENARIO – RESOURCE EFFICIENT EU



Residual 10-20%





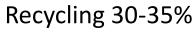




Prevention 10-20%



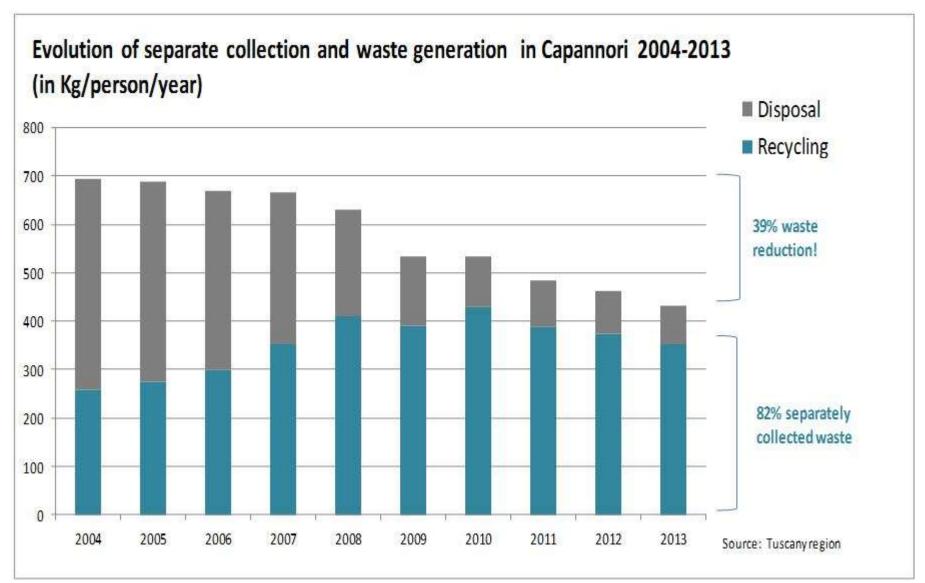
Repair & Reuse 10%







How does this look in practice?





European Zero Waste municipalities

More than 300 municipalities: 3 % EU population







Retweeted by Enzo Favoino and 1 other

Janez Potočnik @JanezPotocnikEU - 5 Apr 2013

Good waste management needs good will and good organisation: "zero waste" is completely possible

#EUDeb8

Expand





Retweeted * Favorite ••• More









Message: Yes we can!



But good political will doesn't come alone...



Obrigado!



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