

Incineration versus the Alternatives

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OUTLINE

- 1. Waste and the Big Picture
- 2. The arguments against incineration
- 3. The Zero Waste 2020 strategy
- 4. The Key Step Forward
- 5. Zero Waste Initiatives Around the World
- 6. Back to the Big Picture

5. Progress towards Zero Waste around the world

- www.zwia.org
- www.GRRN.org
- www.no-burn.org (GAIA)

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Over 70%
of communities
have declared
a Zero Waste
strategy



Prince Edward Island, Canada

- Whole island has door to door collection of recyclables and compostables

California

- As a result of a state law passed in the early 1990's hundreds of California cities exceeded over 50% diversion from landfills and incinerators by 2000
- Some communities said why stop at 50%, why not 60%, 70%...
- Why not aim for Zero Waste?
- 30 cities over 70%

Solid Waste Integrated Resources Plan

All of us together can make Zero!

Media Breakfast Briefing

January 23, 2007

Reina Pereira, Project Manager, SWIRP and
Senior Environmental Engineer,
Los Angeles Bureau of Sanitation



ZERO
WASTE PLAN
Solid Waste Integrated Resources Plan

What is Zero Waste?

- **Zero Waste**

- Recognizes that “waste” is not inevitable
- Discarded materials are potentially valuable resources
- Goes beyond “end of pipe” strategies
- Maximizes recycling and composting
- Reduces consumption
- Designs “waste” out of the system

Envision a world without waste

Mayor's directives

Phase out of Urban Landfills

RENEW LA

No wasted resources

Optimize City's
collection programs

70% diversion by 2015

90% diversion by 2025

Alternative Technology

**ZERO
WASTE**

Convert the City's 750+ collection
trucks to clean-burning LNG by 2010

Sustainable waste resources/biosolids management

City of Los Angeles Tons by Sector

Sector	Total Generated	Diverted	Disposed	Diversion Rate
Single Family	1,483,363	619,723	863,640	42%
Multi-family	551,650		551,650	0%
C&D	1,937,232	1,468,335	468,897	76%
Yard trimmings	75,034	43,841	31,193	58%
Commercial/ industrial	5,216,686	3,587,455	1,629,231	69%
Other	315,011		315,011	0%
Total	9,578,976	5,719,354	3,579,622	60%

Italy

- Over 2000 communities in Italy are achieving over 50% diversion using “door to door” collection systems
- Over 200 communities achieving over 70% diversion

Italy

- **Novara** - (a city near Turin, population = 100,000) achieved **70% diversion** in just **18 months!**

Italy

- The **Treviso** region - 22 communities averaging **76% diversion** (Priula consortium)
- 4 communities **> 80%**

Italy

- **Villafranco d'Asti**
(Piedmont, population
30,000) has reached **85%**
diversion

Zero Waste

Zero Waste

Yes We Can!

Zero Waste

Yes We Must !!

Zero Waste

Yes We Will !!!

Conclusions

- We do not need mega-landfills or incinerators!
- There is a better alternative
- The **ZERO WASTE strategy** is
- **Better for our health,**
- **Better for the economy,**
- **Better for our children, and**
- **Better for the planet!**

Three final messages

- 1. **To citizens** - don't let the experts take your common sense away
- 2. **To politicians** - put your faith back in people
- 3. **To activists** -
- HAVE FUN!!!!!!!!!!!!!!!!!!!!!!



**God
recycles,
The devil
burns**

