

ZERO WASTE



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ZERO WASTE

- **A path, direction**
- **A target, process, way of thinking**
- **A Vision**
- **From waste management to resource management**
- **Redesigning products and processes for cleaner production**
- **Recognizes 71 tons generated “up-stream” for every ton MSW**



DEFINITION

- Zero Waste is a goal that is both pragmatic and visionary, to guide people to emulate sustainable natural cycles, where *all discarded materials are resources* for others to use
- Zero Waste means designing and managing products and processes to *reduce the volume and waste, conserve, and recover all resources, and not bury them*
- Implementing Zero Waste will eliminate all discharges to land, water, or air that may be a threat to planetary , human, or animal health



ZERO WASTE =

- **Reduce**
- **Redesign**
- **Reuse**
- **Donate**
- **Recycle**

Disposal Only As A Last Resort!!



ZERO WASTE & GLOBAL WARMING

- **Landfills are one of the largest sources of Greenhouse Gases (GHG), methane**
- **Recycling & composting all discards in CA equals eliminating all auto exhaust in CA**



IS ZERO WASTE ATTAINABLE?

- ***Nature is the model***
- ***Zero Waste or darn close (90%)***
- ***Businesses have achieved 90% waste reduction***
- ***Cities, Municipalities have achieved 80%***



WHY ZERO WASTE?

- ***Reducing waste saves \$\$***
 - *Trash service is expensive*
 - *Trash takes up valuable real estate*
 - *Waste resources can be a commodity*
- ***It's the right thing to do***
 - *Requirement for EMS policies*
 - *Gain of political capital with community by being "good" citizen*
- ***Reduces GHG***
- ***Opportunity to set standards and create foundation for future generations***



CONCLUSION

**If you're not for
Zero Waste
then how much waste
are you for?**