

# Changing Practices: Technical Assistance to Citizens' Groups Facing Toxic Hazards

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Presented by  
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# TA organizations

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- 24 in 1992-3
- 16 in 2007



# Communities need to

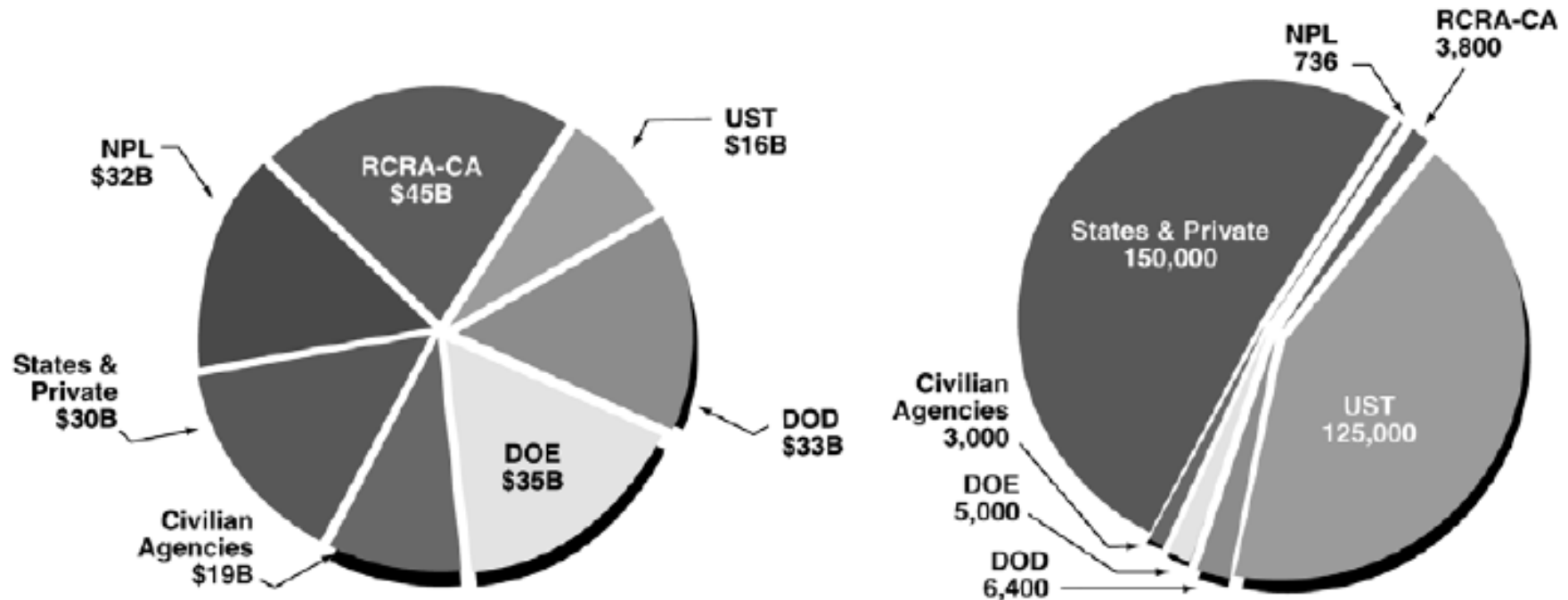
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- record their experiential and local knowledge
- understand it in a scientific context,
- transform it into data, testimony, reports

## Estimated Number of Hazardous Waste Sites and Cleanup Costs: 2004-2033

**Total = \$209 Billion**

**Total Sites = 294,000**



These estimates are derived from judgements regarding the most likely scenarios within a range of estimates. The estimates described in the report, include a number of assumptions such as the average cleanup cost per site, number of new site discoveries, and future additions to the NPL.

NPL: National Priorities List, or Superfund; RCRA-CA: Resource Conservation and Recovery Act Corrective Action program; UST: Underground Storage Tanks; DOD: Department of Defense; DOE: Department of Energy; Civilian Agencies: non-DOD and non-DOE federal agencies; and State & Private: state mandatory, voluntary, and brownfields sites, and private sites.

Totals may not add due to rounding.



# Product related hazardous discharges 1991 and 2002

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- >26 billion pounds/per year (2002)
- Total down less than 10% since 1991
- Releases to air down 2.8 billion pounds to 1.6 billion pounds
- To water, down 336 million pounds to 230 million pounds
- Discharges to land up 1.1 billion lbs to 2.2 billion pounds



# What has changed

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- Issues
- Tools
- Funding
- Role of academia
- Bush administration



# Issues

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- Some unchanged
- Move up the pipeline from waste sites to on-going sources of pollution
- Global warming
- Precautionary Principle



# Tools

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- Internet
- GIS
- Monitoring equipment





# Funding

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- Government funding has strings
- Less general support
- Fewer labs



# Conclusion

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- Moved to continuing sources of pollution
- New tools are usefull but not universaly available
- Harder to do movement building
- Less support for grassroots group