



**SIMS**  
RECYCLING  
SOLUTIONS



**GLOBAL100** Most Sustainable Corporations in the World

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# NORTH AMERICAN LOCATIONS

Sims Recycling Solutions provides numerous electronics recycling centers conveniently located throughout North America:

- Toronto, Ontario
- Columbia, SC
- Franklin Park, IL
- San Francisco, CA
- Nashville, TN
- Los Angeles, CA
- Reno, NV
- Sacramento, CA
- Tampa, FL
- Tucson, AZ
- Edison, NJ
- West Chicago, IL (North American Headqu



# WHY IS E-WASTE RECYCLING SO IMPORTANT?

Hazardous waste can be found inside your electronics. This is one reason why the proper disposition of e-waste is so important. The following list of electronic items shows examples of the types of hazardous components that each item contains.

## Cathode Ray Tubes (CRTs)

- Are made up of 20% lead (4-8lbs per unit)
- Devices that contain a CRT are generally computer monitors and televisions (TVs)

## Cell Phones

- Coatings are often made of lead
- Batteries are made up of nickel and cadmium. Cadmium is a human carcinogen that causes lung and liver damage. Alternatives contain potentially explosive lithium or toxic lead.

## Printers/Scanners

- Scanners contain mercury bulbs
- Both contain lithium button-cell batteries
- The ink/toner cartridges can be harmful to humans and the environment due to metallic compounds and the particle size of carbon black

## Circuit Boards

- Contain mercury, lead and cadmium
- Include batteries made of mercury as well as mercury switches

## LCD

- Contains several fluorescent bulbs that contain mercury
- Circuit boards contain lead

**The nation now dumps between 300 million and 400 million electronic items per year, according to estimates from the EPA and the TakeBack Coalition.**



# THE WORLD'S #1 ELECTRONICS RECYCLER

## 1. Environmental Leadership

- All e-waste is recycled domestically within North America and waste electronic equipment is never exported or land filled
- Sims Recycling Solutions is a business of Sims Metal Management
- Sims Metal Management has been listed as one of the world's Global Top 100 Most Sustainable Corporations' two years in a row
- Physical Downstream auditing and accountability with full client disclosure
- R&D in carbon footprint and recycling technologies
- Publicly traded (SMS) and listed on the Dow Jones Sustainability Index
- A registered Responsible Recycler (R2) at 2 sites in North America

## 2. Security

- Witness destruction services available on or offsite
- NIST compliant data wipe and NAID-compliant destruction
- 24/7 video surveillance is undertaken at all sites
- Criminal background checks for all employees

## 3. Global Footprint

- Sims Recycling Solutions has 13 sites in North America: Chicago, IL (2); Columbia, SC; Los Angeles, CA; Nashville TN; Reno, NV; Sacramento, CA; San Francisco, CA; Tampa, FL (2); Toronto, ON; Tucson, AZ; Edison, NJ
- Sims Recycling Solutions' North American recycling facilities total about 1,500,000 sq-ft for processing capabilities
- Processes IT and assets at multiple ISO 14001 and OHSAS 18001 certified facilities globally
- Sims Recycling Solutions is a part of 19 industry affiliations listed at <http://us.simsrecycling.com/about-us/affiliations>
- State of the art shredding and recycling machinery from one site can process up to 12,000 lbs of electronic waste in one hour



# INDUSTRY CONCERNS:

## Data Security:

- Data on your hard drives
- Identity theft - 9.9 million U.S. residents were victims of identity theft in 2007
- In addition to PCs, printers, copiers, scanners and cell phones all hold sensitive data. To view recent media on how much photocopiers know about you, [click here](#).

No electronics leave a Sims Recycling Solutions facility unless hard drives have been shredded or wiped up to NIST SP 800-88 Government Standards.

## Export of Waste Electronic Equipment:

The countries where much e-waste ends up lack any e-waste recycling infrastructure. The e-waste therefore ends up being dumped where it is mined often by young children, for the precious metals it contains. This creates toxic waste dumps which poison the local environment.

In some countries discarded computers are worth more for the data they contain than the metals and organized criminal gangs buy hard drives to recover personal or confidential information

[Click Here](#) to learn more about the data disasters that some companies have experienced.

[Click Here](#) to learn more about the environmental disasters that some companies have faced.



## BIOGRAPHY: STEVE SKURNAC

Steve Skurnac is the President of Sims Recycling Solutions, Inc., the North American based electronics recycling arm of Sims Metal Management. Sims Recycling Solutions, Inc. operates 13 recycling facilities in North America and has grown to include three of the e-scrap industry pioneer companies – United Recycling Industries, Noranda Recycling and Global Investment Recovery. Sims Recycling Solutions, Inc. is the world's largest processor of e-scrap materials.

Prior to joining the Sims Group in May, 2007, Mr. Skurnac was the President of Noranda Recycling (now Xstrata Recycling) and he spent 24 years with Noranda Inc. in various international metals and recycling capacities. He is a graduate of the University of Toronto with an Engineering degree in Mining and Metallurgy.

Mr. Skurnac has been directly involved with electronics recycling since 1991 and has served as a board member on numerous industry associations; participated as a stakeholder in all major cooperative e-scrap policy groups including the EPA Common Sense Initiative, the National Electronics Product Stewardship Initiative (NEPSI) and UN Basel Workgroup standards development and spoken on the topic of e-scrap recycling at many conferences around the world.

**Steve Skurnac**  
President, Sims Recycling Solutions



## BIOGRAPHY: GRAHAM DAVY

Graham Davy graduated from Imperial College London in 1988 with a Bachelor of Engineering (Total Technology) degree having won a scholarship to study there.

He followed this up with an MBA at Cardiff Business School in 1994, specializing in strategic management and logistics. He has spent all his working life in industry within the engineering, steel manufacturing and recycling sectors, performing roles including procurement, sales, business and strategic development and operations at senior levels.

The past eight years has seen Graham grow Sims Recycling Solutions' waste electrical and electronic equipment (WEEE) recycling business from concept to the world's largest electronics recycling company employing over 1,000 people across Australasia, Asia, Europe and North America.

Graham specializes in business and strategic development and places strong emphasis upon new technology to continually improve the recycling rate of materials contained within end of life products. Other responsibilities include the overall direction of the Sims Metal Management metals recycling business in the UK.



**Graham Davy,**  
CEO Europe and Sims Recycling Solutions Global



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**Media contact:** Stephanie Souza Oden  
stephanie.souza@simsmm.com • 916.746.7326 • [www.us.simsrecycling.com](http://www.us.simsrecycling.com)