

# Metropolitan Washington Council of Governments Recycling Committee

*January 23, 2014*  
*Scott Horne*  
*General Counsel & VP for Government  
Affairs*  
**ISRI**



## Overview



Institute of  
Scrap Recycling  
Industries, Inc.

Voice of the Recycling Industry

- ISRI
- Metals
- E-Scrap



**1,700**

Member  
companies

**7,000+**

Recycling facilities  
worldwide

**34**

Countries

Institute of Scrap Recycling Industries (ISRI)

- ISRI is an international trade association that represents more than 1,700 member companies that process, broker and consume scrap (ranging from small, family-owned businesses to large, multi-national corporations)
- Representing 7,000+ facilities worldwide - that process, broker & consume scrap metals, paper, plastics, glass, textiles, rubber, and electronics.



Ferrous &  
non-ferrous  
metals



Paper



Plastics



Glass



Rubber



Textiles



Electronics

**Industry Snapshot: \$90 Billion Industry in U.S.**



Institute of  
Scrap Recycling  
Industries, Inc.

**135,000,000**

Tons processed 2012

**2012 U.S. Scrap Exports**

**47.3**

Total exported  
(million metric tons)

**\$28B**

Value of materials  
exported

**160**

Number of countries  
exported to

## Electronics Recycling in US



**\$5+B**

Industry in U.S.

**4+M**

Tons processed annually in the U.S.

**400+**

E-scrap ISRI members

### Electronics Recycling

- ISRI has more than 400 member companies that process e-scrap for recycling

# Summary of Metals Prices



## Aluminum-a market in search of balance



Institute of  
Scrap Recycling  
Industries, Inc.





# Copper



Institute of  
Scrap Recycling  
Industries, Inc.

Voice of the Recycling Industry





## Is E-Scrap a Commodity?

- Yes
- But NO, not really
  
- It is a combination of materials, each of which can be processed into a specification grade commodity suitable for use in lieu of virgin materials

## ISRI Electronics Division



- **Fastest growing segment**
- **5 Committees**
  - Education and Training
  - Legislative and Regulatory
  - Certification and Standards
  - Reuse and Recycling Services
  - Specifications and Definitions
- **Electronics Recycling SUMMIT®**
- **Electronics Recycling Education Programs**

- **The ISRI Electronics Division has organized and been very active.**
  - **Many of the industry leaders are represented in the leadership of the Electronics Division.**
- **There are 5 committees of the Electronics Division:**
  - **Certification and Standards**
  - **Education and Conference Programs**
  - **Recycling Services**
  - **Definitions and Specifications**
  - **Legislative & Regulatory**
- **The Electronics Division organizes and sponsors a major program that is now held in conjunction with the ISRI Annual Convention – the “Electronics Recycling SUMMIT®”, which has been running successfully for 10 years.**
- **The Electronics Division also organizes and conducts electronics recycling education programs – short courses that have been offered in conjunction with the ISRI Annual Convention as well as the E-Scrap Conference – a large commercial event focused exclusively on the electronics recycling industry – as well as other industry events.**

## Electronics Recycling in US

### Most e-scrap processing occurs in the United States

#### Processed into specification grade commodities

- Copper
- Aluminum
- Steel
- Plastic

Balance of e-scrap, except for a tiny sliver of the total amount, is either dismantled and sold as usable parts (with the unusable materials processed as above) or refurbished

### Recycling Globally

- U.S. is the world's largest scrap exporter.
- 51 million metric tons exported.
- The value of exported materials is \$39 billion in 158 countries.

“By ...2025 the developing world will  
generate double the developed  
world’s used and EOL computers.”

Journal of Environmental Science  
and Technology, 2010

Thank You



**Scott J. Horne**

General Counsel & Vice President—Government Affairs  
Institute of Scrap Recycling Industries, Inc.

[ScottHorne@ISRI.org](mailto:ScottHorne@ISRI.org) +1 202 662 8513

[www.isri.org/certifyme](http://www.isri.org/certifyme)

