Metropolitan Washington Council of Governments Recycling Committee

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



Overview



- ISRI
- Metals
- E-Scrap



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.



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



135,000,000

Tons processed 2012

2012 U.S. Scrap Exports

47.3

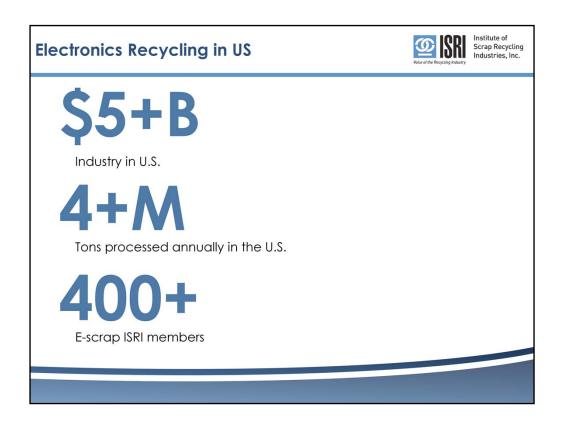
Total exported (million metric tons)

\$28B

Value of materials exported

160

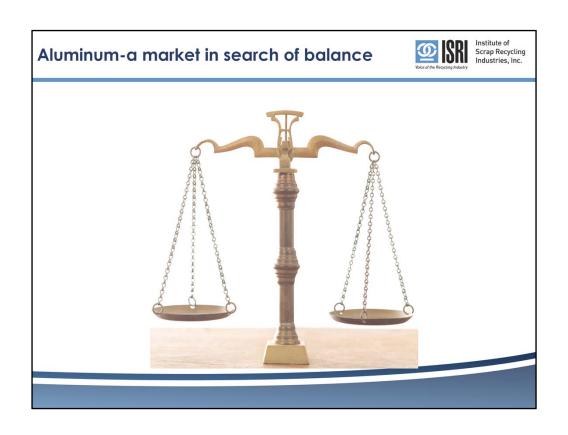
Number of countries exported to



Electronics Recycling

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









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

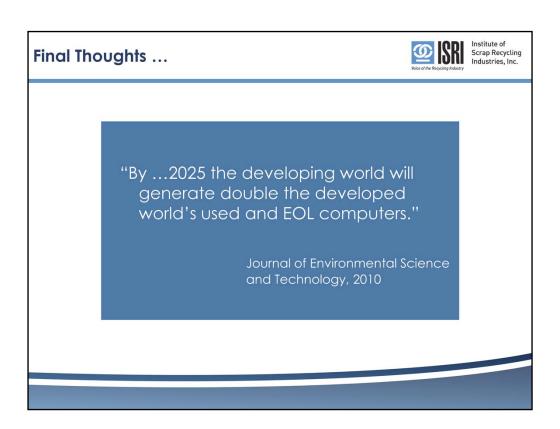
Processed into specification grade commodities

- 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.



Thank You



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