

Eco-Design Best Practices for a Circular Electronics Economy

Sustainable Electronics

Motivation:

- Drive use of eco-design methods across the industry
- Lack of large knowledge base for innovative eco-design and lack of eco design training
- Limited industry discussion and leadership around eco-design best practices
- Eco-design can have significant impact on product manufacturing, maintenance, packaging, branding, and end of life
- Pressure from consumers could move voluntary standards today to become mandatory standards in the future (product energy use with minimum efficiency)

Objective:

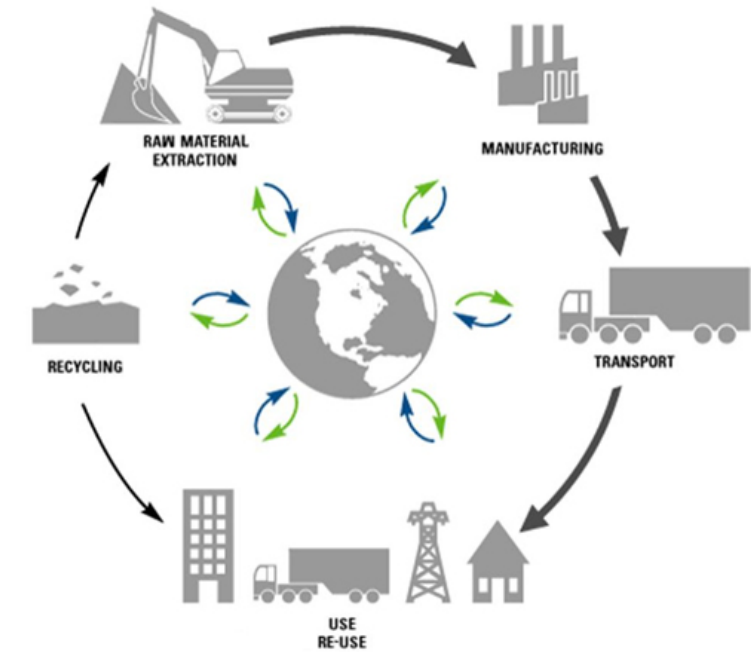
- Leverage eco-design to implement circular economy approach more efficiently
- Identify best practices that have the greatest impact by including a holistic view of the product in society and environment
- Mature the industry's ability to implement/practice eco-design best practices – share information at least with iNEMI membership

Strategy/Approach:

- Identify the current leaders around eco-design in the ICT industry
- Interview identified leaders and consolidate best practices and methodology for determining those best practices
- Make best practices available to other manufacturers

Longer Term:

- Develop method for updating and for thought leaders to share best practices and experiences
- Track impact of eco-design decisions taken by participating members
- Develop rating system for impact of design decisions
- Potential to feed into standards efforts



Status:

- Presented at EGG 2020 for feedback
- SOW in development
- Potential Q1 launch
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