

# Eco-Design Leadership Best Practices for Sustainable Electronics

## Sustainable Electronics

### Motivation:

- Consistent best practices are needed to drive industry's circular economy goals
- Design teams lack large knowledge base for innovative eco-design
- Limited formal eco-design training in academia
- Limited industry discussion and leadership around eco-design
- 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:

- Identify and collect the best practices, including how those best practices were determined by industry leaders in eco-design
- 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:

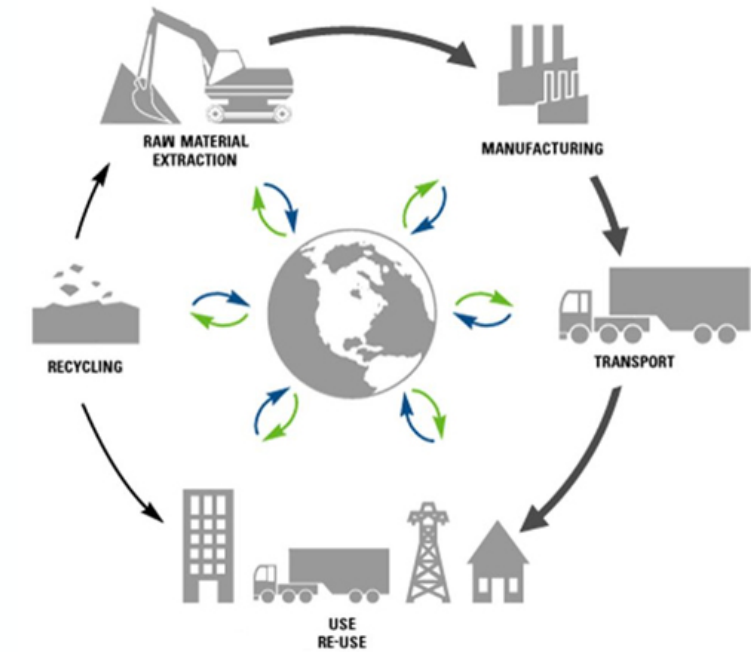
- Identify the current leaders around eco-design in the ICT industry
- Interview identified leaders and consolidate best practices and methodology for determining those best practices
- Make best practices available to other manufacturers

### 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

### Benefits

- Drive use of eco-design methods across the industry
- Leverage eco-design to implement circular economy approach more efficiently



### Status:

- Presented at EGG 2020 for feedback
- Sustainable Electronics TIG will review EGG feedback in September
- Potential Q4 SOW development
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