Celebrating 10 Years of Sustainability

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PRISM Workshop
Oct. 20 – 21, 2015

Imagination at work.
2005 - 2014 Success
1. $15 billion invested in cleaner technology R&D
2. $200 billion in Ecomagination technology revenue
3. 31% reduction in GE’s GHG emissions from the 2004 baseline
4. 42% reduction in GE’s water use from the 2006 baseline

2020 Goals
• 20% reduction in water usage from 2011 baseline
• 20% reduction in GE’s GHG emissions from 2011 baseline
• $25B invested in cleaner technology R&D

http://www.gesustainability.com/
“At GE, sustainability means aligning our business strategy to meet societal needs, while minimizing environmental impact and advancing social development.”
Sustainability Priorities

**Social**
- Workforce Development & Inclusiveness
- Improving Health
- Human Rights

**Environment**
- Energy & Climate
- Resource Productivity
- Water

**Governance**
- Integrity & Compliance
- Doing Business in Emerging Markets
Sustainable Manufacturing
Treasure Hunts

• 1000’s of participants
• GE Sustainability experts paired with internal GE team or external supplier and customer teams
• 2 ½ day search for energy and GHG reduction opportunities
• Saved $millions
GE eco-Sourcing Star Awards

The goal of this supply chain program is to encourage strategic opportunities for environmental improvement along the supply chain that also make good economic sense.

GE believes there is no false choice between economic prosperity and environmental improvement.

Criteria:
- Overall eco-Sourcing
- Circular Economy & Reuse
- Resource/Material Efficiency

- Incentivize supply chain environmental /resource efficiency improvements
- Enhance collaboration-based relationships with suppliers
- Reward strategic, focused projects that are good for the environment and that create business value
Site Certification

Gold criteria

Maintain previous criteria requirements

Energy shutdown procedure
- Based on inventory of equipment, create a shutdown procedure for each piece of equipment
- Create site-wide goals
- Communicate goals and progress site-wide to all employees
- Develop visible metrics that can be shared and programs for entire site
- Work with IT to develop solutions and improve

Employee engagement
- Share Silver site recognition with all personnel
- Increase participation by 20% versus the Silver activities — awareness days and community outreach

Energy and water savings
- Upload Treasure Hunt and office findings/opportunities
- Demonstrate year-over-year reductions in water and/or energy

Silver criteria:

Maintain bronze criteria

Energy shutdown procedure
- Inventory all equipment that can be shut down
- Create a weighted scale to help measure effectiveness and impact
- Develop an audit process by area and facility to measure effectiveness of the shutdown procedure; recommend metrics
- Measure on a defined schedule
- Collect, consolidate, and communicate measurements
- Trend data and communicate results to site leadership

Employee engagement
- Share bronze site recognition with all personnel (i.e., print"
- Increase participation by 20% versus the bronze level awareness days and community outreach programs

Energy and water savings
- Host a Treasure Hunt for manufacturing sites (not least)
- Review specific opportunities in offices such as HVAC
- Demonstrate year-over-year reductions in water and/or energy

Bronze criteria:

1. Facility shall designate an ecomagination nation ambassador.
2. Facility shall ensure ecomagination nation poster/signage/banner is posted at site entrances.
3. Facility shall implement a defined energy shutdown plan for weekends, holidays, shutdowns, etc. in order to minimize energy usage. In addition, personnel should conduct quarterly off-hours electricity/FAC shutdown audits to verify the shutdown plan is effective.
4. Facility shall conduct at least two community outreach projects that involve ecomagination nation or environmental stewardship.
5. Facility shall host an ecomagination nation awareness day onsite to promote ecomagination nation and drive engagement.
6. Facility should encourage/support energy and water saving ideas (e.g., smart light bulbs, smart faucet, etc.) that pay back in one to two years.
Supplier Resource Efficiency

Three Principle Approaches:
1. Collaboration
2. Ecomagination
3. Guidance
The Broader Network
Open Innovation Challenges
Conflicted Minerals Challenge

Tin, tantalum, tungsten and gold (3TG) are critical to many of GE’s products

Verifying conformance to Rule 13p-1 of the Securities Exchange Act

- Supply chain estimated at 8,947 relevant suppliers, 2,347 significant suppliers and 258 smelters and refiners of 3TG

“We have not been able to establish the conflict status of our products, due to the continued unavailability of complete information across our broad and deep supply chain”, GE 2014 Conflict Minerals Report,
