Driving Safer Design with Information and Policy

Wes Sullens
Green Building Program Manager, StopWaste

BCGC 2014: Challenges and opportunities at the intersection of health, materials, and the built environment
February 20, 2014
Leadership in Energy & Environmental Design
220,000 projects are currently participating in LEED®, comprising more than 10.4 billion sq. ft. of construction space.
Everyday, 1.5 million ft² of building space certifies to LEED

1.5 million ft²

International projects are more than 1/3 of new LEED registrations.

1/3 international
147 COUNTRIES AROUND THE WORLD
CERTIFICATION TRENDS

- Platinum
- Gold
- Silver
- Certified

Gross Square Footage

- 2005
- 2006
- 2007
- 2008
- 2009
- 2010
- 2011

3K
2K
1K
0
500M
400M
300M
200M
100M
0
LEED v4
FOCUS ON PERFORMANCE
MATERIALS AND RESOURCES
Single Attributes of Green Products

- Environmentally Friendly
- Certified Formaldehyde Free! See Certificate
- Lead-free
- Pesticide free
- BIOBASED™ Plant Derived
- ZERO VOC
- BPA Free: NON-TOXIC PLASTIC, NO BISPHENOL A, NO PHthalates
- Made in USA
What’s the greenest option?
Signed, Sealed... Delivered?
Behind Certifications and Beyond Labels
Carbon footprint of nylon carpet

- Responsible sourcing
- Recycling
- Resources: Water energy etc
- Regional materials
- Recycled content

Source: Interface Global
What’s missing?

Full Supply Chain Impacts

Human Health
LEED v4 Credit Restructure

Product Specific LCA (EPDs)

Corporate Sustainability Reports

Materials Ingredients

Full Supply Chain Impacts

Human Health

Disclosure + Optimization
INFORMATION = IMPACT
BIM
Building Information Modeling
Wes Sullens
StopWaste
Oakland, CA
510-992-3636
wsullens@stopwaste.org