Education for Sustainable Development

- A Challenge and Opportunity!

“Everything is connected, we just don’t see how!”

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THE ROLE OF HIGHER EDUCATION IN THE NEW ECONOMY - “DEVELOPERS”
Obtaining a New Economy Job - The Sustainability Skillset Ladder!

1. Personal
2. Learning
3. Workplace
4. Industry
5. Occupation
6. Management

Marketplace
- e.g. ~3.5 MM “Green and Sustainability Jobs” Nationally

Leadership Skills

Basic “Soft” Skills

Values and Beliefs

Technical “Hard” Skills
- e.g. Sustainability Best Practices

Applied Skills
- e.g. Sustainability Best Practices

Academic Studies
- e.g. STEM

Source: [careeronestop.org](http://www.careeronestop.org); [www.bls.gov/green/](http://www.bls.gov/green/)
The Challenges for ESD!

- Plethora of Sustainability Standards for Selection
- Universality of the Sustainability Standard
- Sustainability Process versus Standard – can’t have one without the other!
- Need for Marketplace Reality and Acceptance
The Opportunity
- A New Recipe for ESD Success!

Examples

Frameworks + Processes + Standards and Certifications

- Design Thinking
- Circular Economy
- LCA
- DfE
- DfL
- DfD
- DfS
- LEED
- Energy Star
- ANSI/BIFMA e3 Furniture Sustainability Standard (LEVEL)
- ISO 14001
- Cradle to Cradle (C2C)
- GreenGuard
- Green Seal
- FDA Food Safety Modernization Act (FSMA)

Marketplace Mastery of Skillsets

- Case Studies
  - Building and Construction
  - Food and Beverage
  - Manufacturing

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