

Eco Commerce Review



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Eco Design Challenge (EDC) 2013-16

Eco-Inspired Materials

When you look at innovation in materials today, many are incremental, not disruptive. When you go into the disruptive area, it comes down to chemistry. And when you go into the chemistry industry, textiles are a small part of the materials business. The amount of R&D chemists put into materials is minute.

EcoRunway showcases the latest in **Eco Innovation in the fashion industry**, such as material prototypes and chemical compounds that can transform the system of fabrics, and have a positive environmental and social impact:

- Materials, such as multi-purpose synthetic and bio-synthetic materials; smart and/or self-healing materials; fabrics that efficiently and effectively enable recycling; and applications that eliminate toxins in fabrics.
- Processes for manufacturing fabrics that use low or positive environmental impact approaches.
- Solutions that increase energy, water and raw material efficiency in the manufacturing process.
- Manufacturing processes and technologies that enable maximum conversion of materials and minimum consumption of natural resources.
- Zero waste or closed-loop systems that eliminate waste.
- Scalable innovative business models that are sustainable.
- Manufacturing processes that reuse waste.
- Programs that support local micro, small and medium enterprise inclusion across the system of fabrics.

- Information and data exchanges that build entrepreneurial capacity and worker inclusion, enabling greater participation in value chains.
- Data generation and capture technologies and mechanisms to increase transparency across the value chain.

The EDC is open to individuals and teams. The scalable ideas will be selected by September 2013 and their creators will be showcased in EcoRunway.com **Virtual Showcase & Workforce Training** portal.

[Technology Submittal Form \(TSF\)](#)

[Project/Initiative Submittal Form](#)

Mission, Vision, Value

Our mission is to educate audiences how to reduce the carbon footprint that comes from materials and help eliminate all releases of hazardous chemicals across global supply chains.

EcoRunway's online portal delivers FREE access to workforce training programs that help industry professionals learn and find the most sustainable materials available today.

Virtual Showcase and Workforce Training Portal

The EcoRunway online Showcase and Learning portal will launch in September 2013. The portal was designed to find solutions to sustainability challenges in the fashion industry and share these solutions with industry professionals around the world. EcoRunway.com