Design and Development Module (DDM)

Tool/Program Synopsis:

What is the tool? DDM assesses early design concepts to provide directional guidance on how to reduce environmental impacts over the product lifecycle.

Who uses it? Product Designers and Developers

What does it do? DDM scores products based on material and design considerations using quantitative life cycle data for materials as well as qualitative information on chemicals, care/repair, end of use, and quality and lifetime.

Why should someone use it? DDM allows product Designers and Developers to baseline their products, benchmark against their peers' products, and identify cost-effective ways to improve within their design constraints.

Impact areas it measures:

- Materials
    - Climate Change
    - Eutrophication
    - Resource Depletion, Fossils and Minerals
    - Land Use
    - Water Scarcity
    - Chemistry
- Manufacturing
- Care & Repair
- End of Use
- Quality & Lifetime

Current Work:

DDM content and technology is currently being updated based on feedback collected during several months of pilot testing. The target release timeframe is Fall of 2016.

Timeline:

- Fall 2016 Release

> "Right now, evaluating environmental impacts of products is expensive and time consuming. We are excited about the potential for the Higg Design and Development Module to change this by providing a rapid scoring framework that pulls from environmental databases and will give users quick, accessible feedback for the various design choices they are making."
>
> **– Guru Khalsa, Columbia Sportswear**

Key Points:

The Design and Development Module (DDM) is planned to **launch in September**.

Assessing a product design is **quick and focuses on action** and education for designers and developers.

The output of this tool is an **internal-facing score**. Benchmarking and analytics will help make that score meaningful to users.

PLM integration will take place next so that use of this tool can be scaled within your organization.

Questions?

higgsupport@outdoorindustry.org

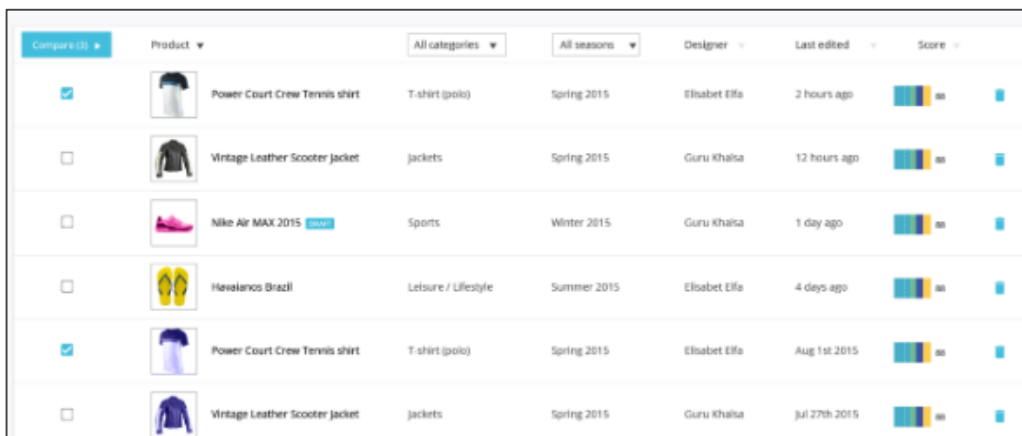## Tool Access:

Announced at launch

More Information:

http://apparelcoalition.org/product-tools/

Sustainable Apparel Coalition

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Snapshot:

DDM product library: filter, sort products, and view scores

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