Open Footprint™ Forum Global Event
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Open Footprint™
Demonstration of MVP

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Agenda

» Introduction

» Demonstration

» Next steps

» Q&A
Importance of Open Footprint Data Model & MVP

Calculate the carbon footprint for a company and/or product is made much easier.

Share information across organizations and customers with respect to the carbon intensity of your products.

Visualize the company’s carbon footprint in a consistent and harmonized manner to measure performance.

Report information to external stakeholders and industry groups.
Open architecture to drive co-development for sustainability
Today’s Objectives

» Follow the carbon life-cycle of a product within our MVP

» Understand the capabilities of the current MVP and the future aspirations
A day on a life of … a bed ;-) 

The story begins when the bed has been produced …

Global manufacturing sites include warehouses from where shipment of beds starts to the markets …

The bed travels using various means of transport …

In the meantime, Mary gets inspired by a new bed and plan her visit to store …

In the store, the Mary picks up her bed and prepares for last transport step of the bed to her home …

Finally, customer success manager Dan is able to view the report of footprint of the bed in the total ecosystem …
Set up the product footprint by defining the organization, facilities, and processes

The story begins when the bed has been produced …
Capturing GHG emissions along the end-to-end supply chain of the ACME Bed

The bed travels using various means of transport …
Open Footprint allows capturing all domains of emissions and have a full view of their impacts.

In the meantime, Mary gets inspired by a new bed and plans her visit to the store …
Live Demonstration
So what does this mean for you…

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What’s Next

» Continue to validate reference implementation against test data sets to ensure that it represents the footprint

» Develop a calculation engine to allow companies that want to calculate impacts within reference implementation (or can continue to leverage their own solution)

» Publish APIs to facilitate the sharing of information across organizational boundaries
Credits

» Thanks to the following organizations for contribution to the online platform
  – Infosys
  – Wipro
  – IBM
  – Shell
Appendix
Technical scope and high-level Architecture

1. Blue: We do not compete in this space but all work together. Focus on Infrastructure, Data Platform and some Common Apps services.

2. Grey: We do compete in this space: We all will be developing / selecting our own applications.

3. (Commercial) Business services (examples)

Open Footprint™ main characteristics:

1. Data access using public APIs.
2. (Near) Realtime focus.
3. Large user numbers connecting using own apps → OpenID Connect based.
4. Machine to machine focus.
5. Micro Services based.
6. Orchestration services focus.
7. Third party apps via Marketplace.
8. Open Source Driven (LSF)
Thank You!