

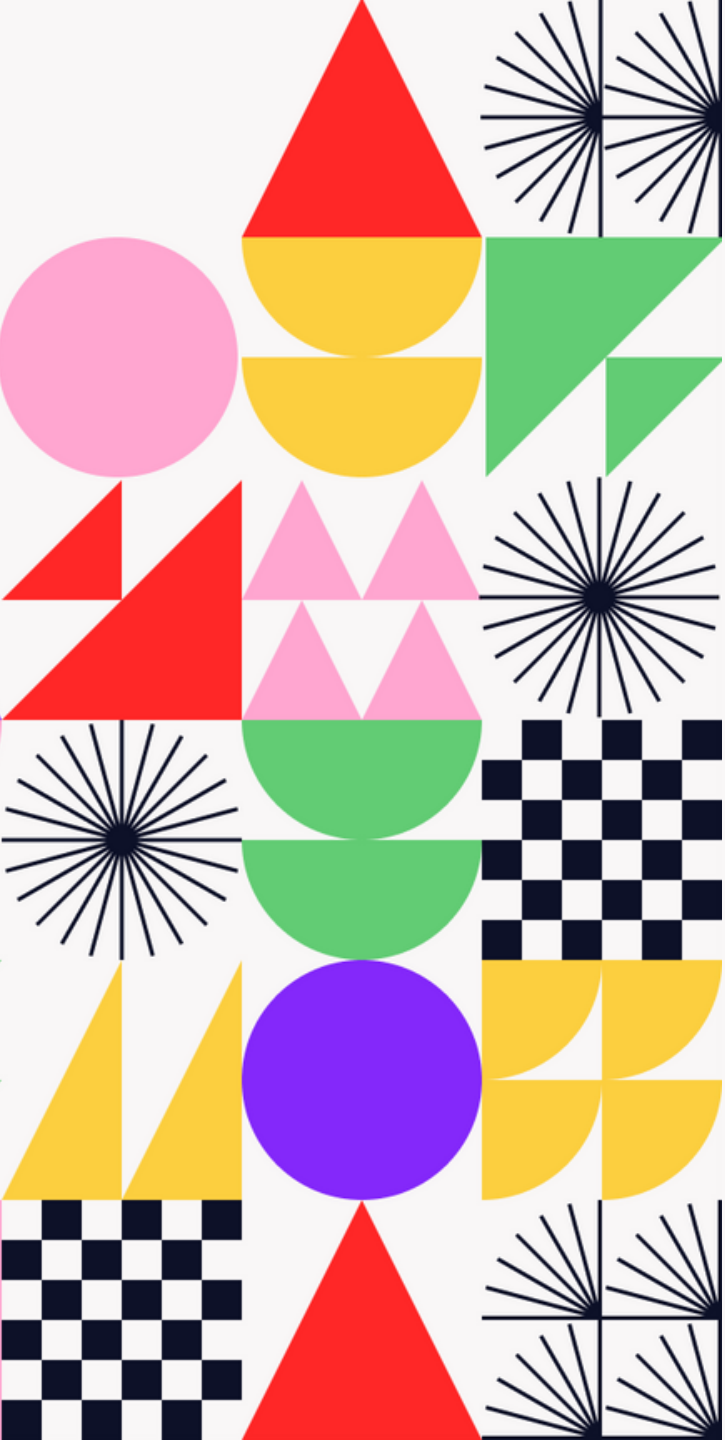


WEBINAR

Introducing Open Supply Hub

November 16, 2022





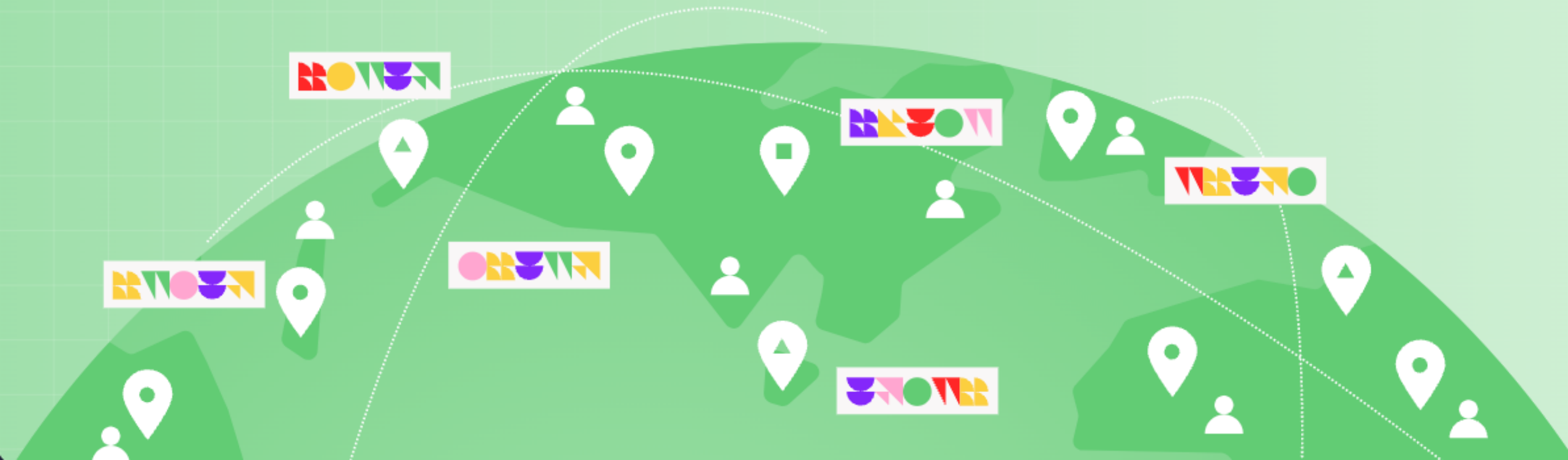
What we'll cover

AGENDA

- ✦ What is Open Supply Hub?
- ✦ How to Search
- ✦ How to Upload Data
- ✦ Making the Most of OS Hub
- ✦ Live Q&A

What is Open Supply Hub?

Open Supply Hub (OS Hub) is an accessible, collaborative, supply chain mapping platform, used and populated by stakeholders across sectors and supply chains.





OS Hub Provides...



**Open database of
hundreds of
thousands of facilities**



**Data quality
checks & balances**



**Deduplication
algorithm**



**Support from OS
Hub Managers**



Why does it exist?





Supply chains are complex and opaque





Lack of visibility is harmful

Modern Slavery

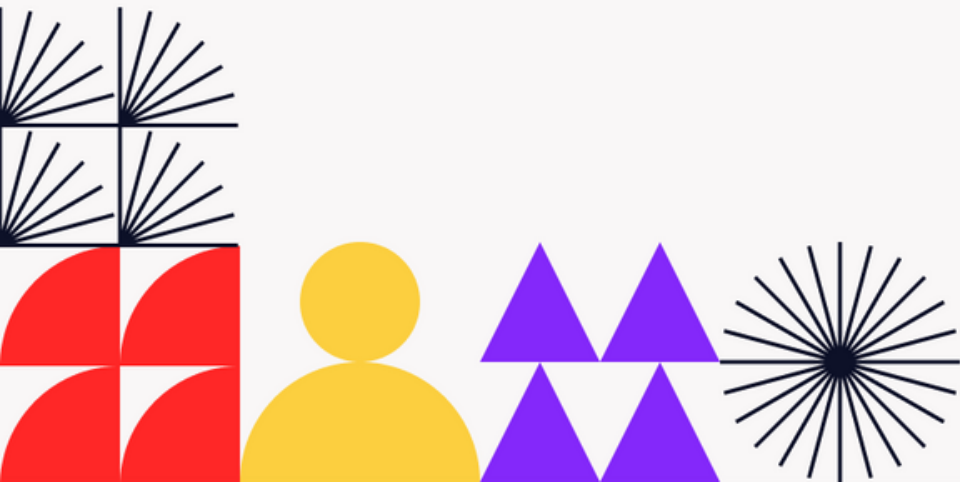
16 million people [↗] are exploited as forced labor in private sector supply chains, without means of remediation.

GHG Emissions and Climate Change

Eight global supply chains account for over 50% of annual greenhouse gas emissions [↗].

Deforestation

Commercial agriculture—providing raw materials for global clothing, furniture and packaging—is responsible for over 70% of forest destruction [↗] in tropical and subtropical countries.





What's keeping us from working collaboratively?



Messy data

Facility name and address data is not standardized and often full of errors. If you're comparing facility data, it's hard to know if you're even talking about the same place.



No universal facility ID

Current ID schemes are only available in certain systems and/or for a fee, preventing seamless data exchange between any platform or organization.



Inaccessible information

Data is not open or easily accessible to all parties and stakeholders, leaving glaring inequities in who is invited to work on supply chain improvements.



Gaps in coverage

Data lives in many different places. These siloed datasets make it difficult to get a complete picture of global supply chains.



Open Supply Hub solves those problems





Together we are building...



A reliable, interoperable dataset

All data contributed to the platform is cleaned and deduplicated by a matching algorithm and then assigned an industry-standard ID that is free and accessible to all.



Living in one common registry

Using an open data model, anyone wishing to share or search supply chain data can do so in a single place.



That enables global collaboration

The user-generated dataset gives visibility into which organizations are connected to which facilities, accelerating collaboration.



What happened to the Open Apparel Registry?



OS Hub has replaced the OAR



OAR data brought over to Open Supply Hub

- Log in details for OAR users remain the same
- API keys also brought over



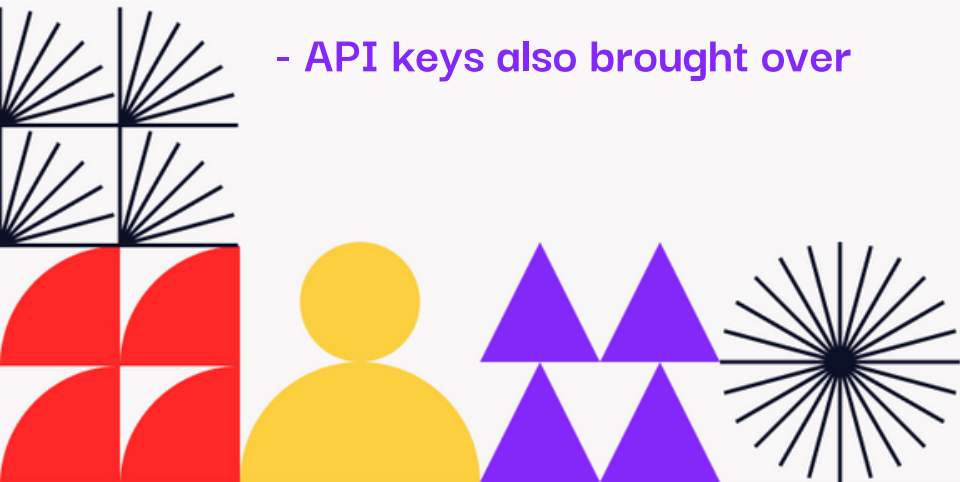
OAR data forms the base dataset of OS Hub

- Facilities from the OAR were automatically allocated apparel as their sector type

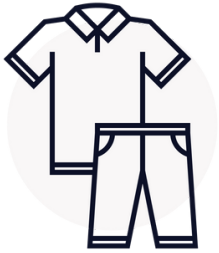


Look out for cross sector overlaps

- As new contributors share data on Open Supply Hub, we can expect to see cross sector overlap at facilities, which will be essential data to enable powerful collaborations



Which sectors can you find in OS Hub?



Apparel



Beauty



Consumer Goods



Electronics



Furniture



Sporting Goods

**AND
MORE!**

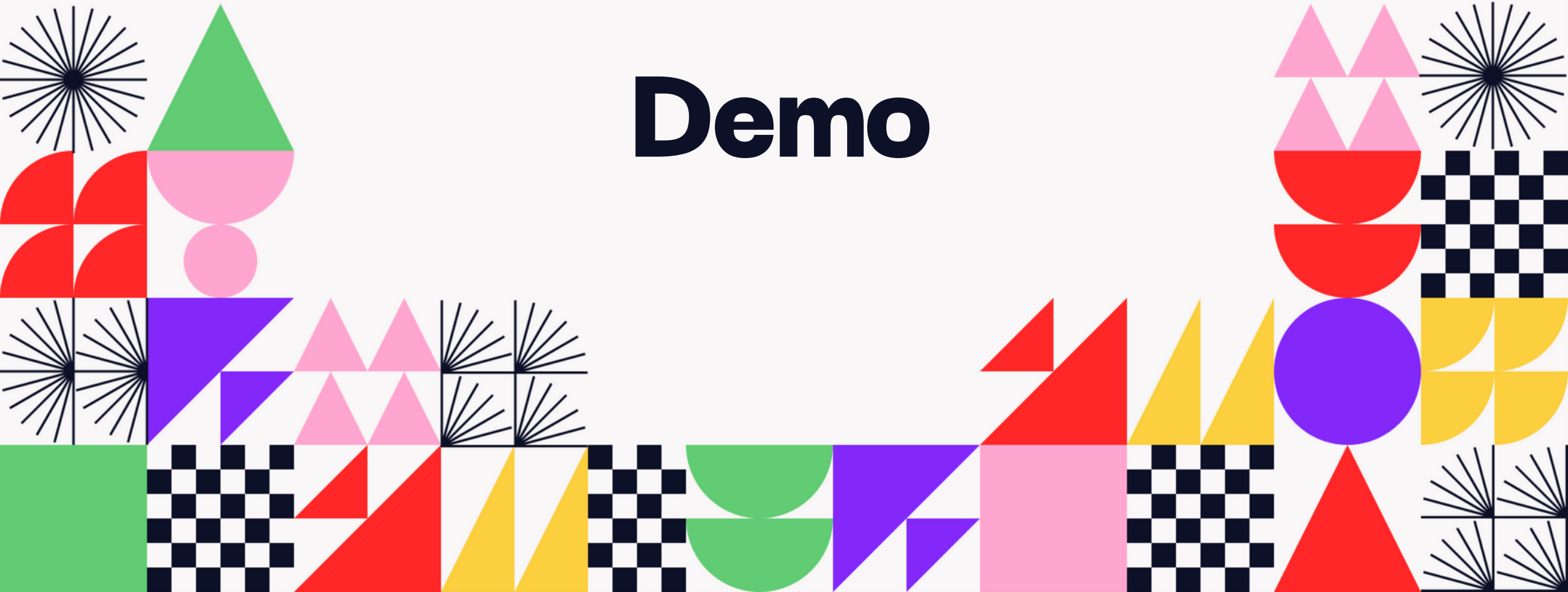


How to Search Open Supply Hub





Demo





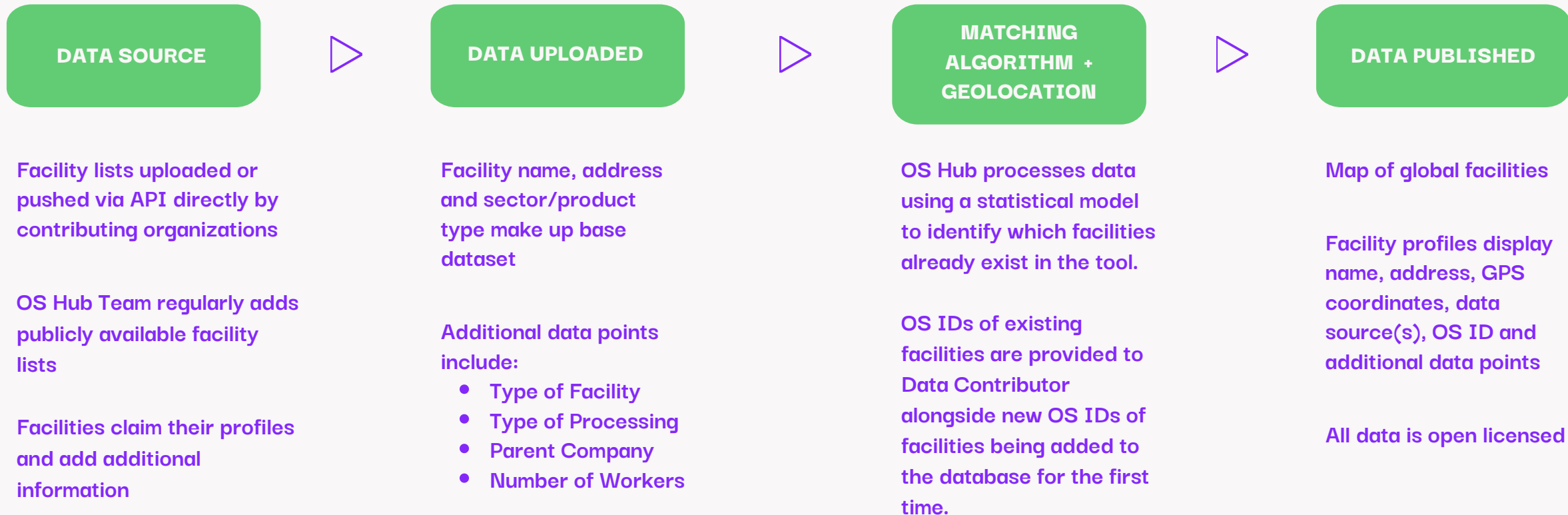
How to add data to OS Hub





How does data move through OS Hub?

Organizations from across retail sectors can add data to the tool





Preparing Data



Data Formatting 101

 **country (required)**

Full country name in English

or ISO alpha-2

or ISO alpha-3

 **name (required)**

Complete facility name & incorporation details (Pvt., Ltd., etc.).

 **address (required)**

Complete address information for the facility. Use of the facility's local address convention is recommended. Commas are the standardized punctuation to separate address details.

 sector/product type(s)

Select value(s) that represent a brand's product categories, the facility's production activities and/or the final products being produced. Use vertical bar (|) to separate values.

 facility/processing type

Select value(s) that represent the facility's production activities. Vertical bar (|) as separator.

 number of workers

Submit raw values or ranges for the number of workers

326 OR < 500

 parent company

If known, you can enter parent company information. If unknown, leave blank. No N/A.

Helpful Tips to Prep Your Data



- No quotation marks (“ ”). Single quotes only, if needed.
- Remove any [N/A] text in concatenated cells.
 - Find & replace [N/A]
- Blank columns can be processed, [N/A] or [Unknown] values are not necessary and will become a data point on the platform.
- Utilize single commas to separate address elements.
 - **EX:** Proostwetering 24J, 3543 AE Utrecht - Netherlands
 - **EX:** Av. Faria Pereira 3945, Distrito Industrial, Patrocinio/MG, Cep - Brazil
- One address per row. Unique address records aid in identifying facility groups.
- For geolocation purposes, facilities located in Hong Kong, Macau, & Taiwan do not process correctly when China is listed as the country.
- The vertical bar (|) is necessary for any cell with multiple inputs.
 - **Product_type** **EX:** PowerEdge Servers|PowerProtect|Precision Desktops|Inspiron Desktops|PowerStore
 - **Sector** **EX:** Beauty|Chemicals|Multi-category

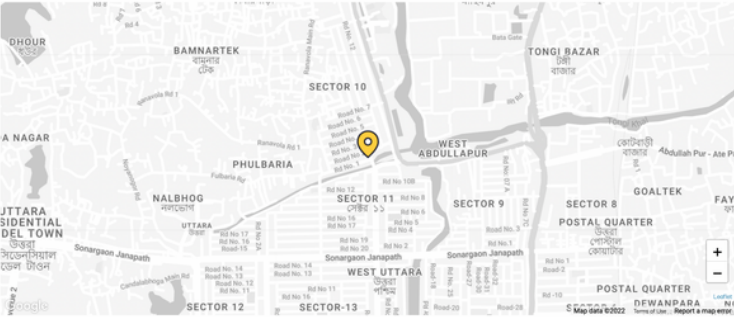
Arunima Sportswear

Report

Copy Link

Limited

OS ID: BD2020204K53K0Y



ADDRESS

Holding-08/163/4, Road-01, Ward-08, Block-D,Zirabo, Ashulia, Savar, Dhaka 1341, Bangladesh - Bangladesh

November 13, 2022 by Arunima Group

[5 more entries](#)

GPS

90.3902644, 23.8798823

[5 more entries](#)

NAME

Arunima Sportswear Limited

November 13, 2022 by Arunima Group

[5 more entries](#)

PARENT COMPANY

DMC Apparels Ltd

August 11, 2022 by Kontoor Brands, Inc. (KTB)

FACILITY TYPE

Final Product Assembly

October 24, 2022 by Target Corporation

[2 more entries](#)

SECTOR

Apparel

November 13, 2022 by Arunima Group

[6 more entries](#)

PROCESSING TYPE

Final Product Assembly

October 24, 2022 by Target Corporation

[2 more entries](#)

PRODUCT TYPE

5 pockets basic Pants

Cargo Bottoms

Denim Wears

Fancy Dresses

Shorts

Tshirts

November 13, 2022 by Arunima Group

[2 more entries](#)

NUMBER OF WORKERS

4200

November 13, 2022 by Arunima Group

[1 more entry](#)

Facility Upload Details

country	name	address	sector_product_type
Bangladesh	Arumina Sportswear Limited	Holding-08/163/4, Road-01, Ward-08, Block-D,Zirabo, Ashulia, Savar, Dhaka 1341, Bangladesh - Bangladesh	Apparel T shirts Fancy Dresses 5 pockets basic Pants Cargo Bottoms Shorts Denim Wears

facility_type_processing_type	number_of_workers	parent_company
Cut & Sew Final Product Assembly Finished Goods Ironing Manufacturing Packaging Product Finishing Ready Made Garment Sample Making	4200	



NOTE: The use of vertical bars (|) as a separator.



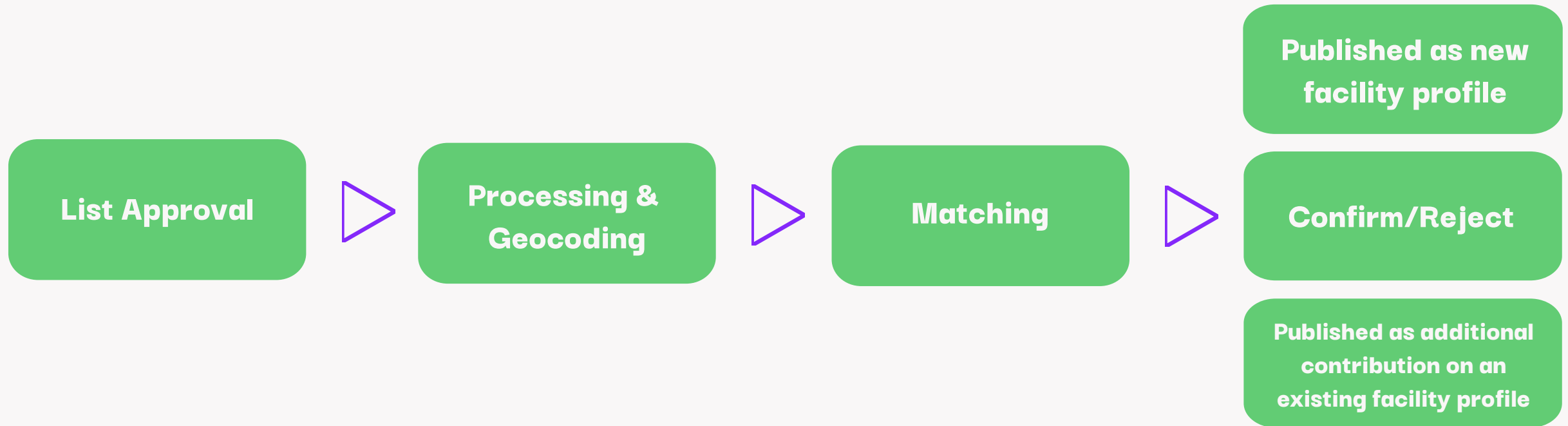
Uploading Data



Data Upload Workflow

After you press "Upload" what happens to the data?

Click: Upload ▶



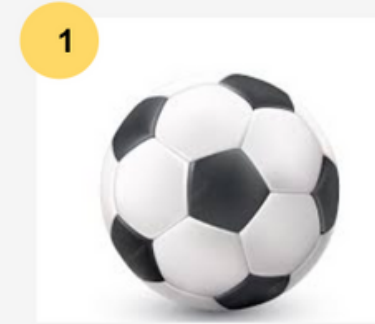
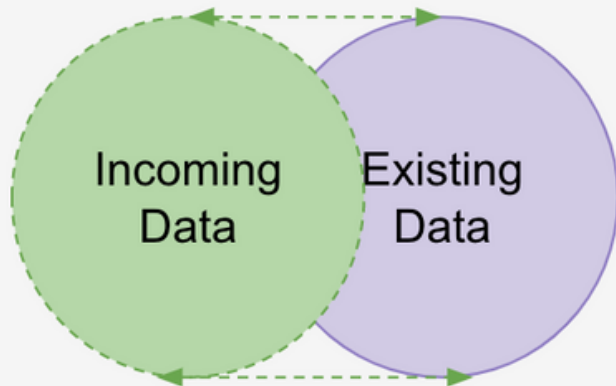
How does the OS Hub match facilities?

At the core of OS Hub is a matching learning algorithm that makes decisions about whether an incoming facility should be associated with an existing facility in the database. This type of algorithm is a predictive model.

The way that predictive models like this work is that they generate an output that attempts to answer some form of the question: "Is X true?"

X could be address data, faces, soccer balls/footballs, etc...

How easy it is to answer the question "is X is true?" will vary.





Data matching 101



Confidence Score :
1.0 - 0.80

Result: **Automatic Match**

The uploaded data is matched to an existing OS ID and will join the additional data contributions within the facility profile.



Confidence Score :
0.79 - 0.50

Result: **Confirm/Reject Moderation**

The OS Hub Data Moderation team will review the suggested matches aggregated by the algorithm. Confirmation matches to an existing OS ID. Rejection will create a new OS ID.



Confidence Score :
0.49 and below

Result: **New Facility Created**

The uploaded data is below the matching thresholds and will therefore, generate the creation of a new OS ID and facility profile page.



Making the Most of Data in OS Hub





Find Collaboration Opportunities



**At the facility
level**



**Between
organizations**

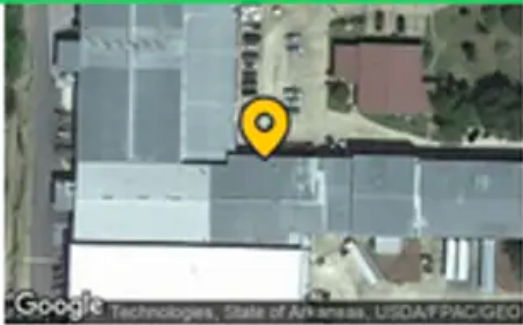


**With your supply
chain data**



FIND COLLABORATION OPPORTUNITIES

At the facility level



ADDRESS

210 Carpenter Dam Rd Hot Springs AR 71901 - United States

January 27, 2022 by Worker Rights Consortium

[2 more entries](#)

GPS

-93.0221553, 34.4690571

NAME

Alliance Rubber Co.

January 27, 2022 by Worker Rights Consortium

[2 more entries](#)

PROCESSING TYPE

Final Product Assembly

October 24, 2022 by Target Corporation

SECTOR

Hard Goods

3 organizations have uploaded data for this facility



Organizations (3)

[Target Corporation](#)

Target Factory List Oct 2022

[Worker Rights Consortium](#)

[Amazon](#)

Amazon Facility List 2022



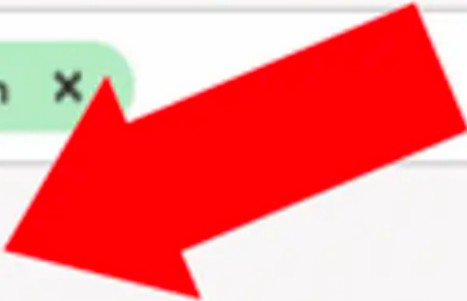
FIND COLLABORATION OPPORTUNITIES

Between organizations

Data Contributor ⓘ

Amazon X Target Corporation X X ▼

Show only shared facilities





FIND COLLABORATION OPPORTUNITIES

That most overlap with you

Facility Name or OS ID

Data Contributor

Fair Trade Certified X

Contributor List

Select

Facilities

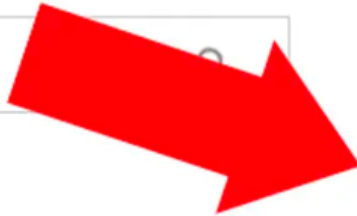
108 results

[Download](#) [Copy Link](#)

Accurate Weave PVT LTD (Unit - 1)

OS ID: IN2021082WNNFB6

Village Tikra Nakahara Road Mirzapur (UP) 231001





WWF needed a way to understand which brands were connected to facilities in the regions in which it most wanted to accelerate its conservation work. WWF now uses OS Hub to **match apparel facilities with key conservation regions**, and supplements this data with tools like the Water Risk Filter, to **proactively target brands and their suppliers in those regions**.

Data in OS Hub enables WWF to efficiently find and form transformational partnerships with the brands it most needs to reach in order to deliver effective conservation of the world's biodiversity.





When issues arise in regions of the world (the 2022 crisis in Ukraine, for instance), they are able to understand **which other organizations are connected to their suppliers in those regions and work together to address concerns.** This includes both collective monitoring and the implementation of solutions.



asos





Worker Rights Consortium is an independent monitoring organization that investigates cases of labor abuses in garment factories. By searching the facilities involved in these cases through Open Supply Hub, **they are able to quickly see which brands are sourcing from which factories.** This helps them to begin the process of engaging brands in finding a resolution for these cases.



W R C

WORKER RIGHTS
CONSORTIUM





Share your data



As a link on your website



In publications and/or reports



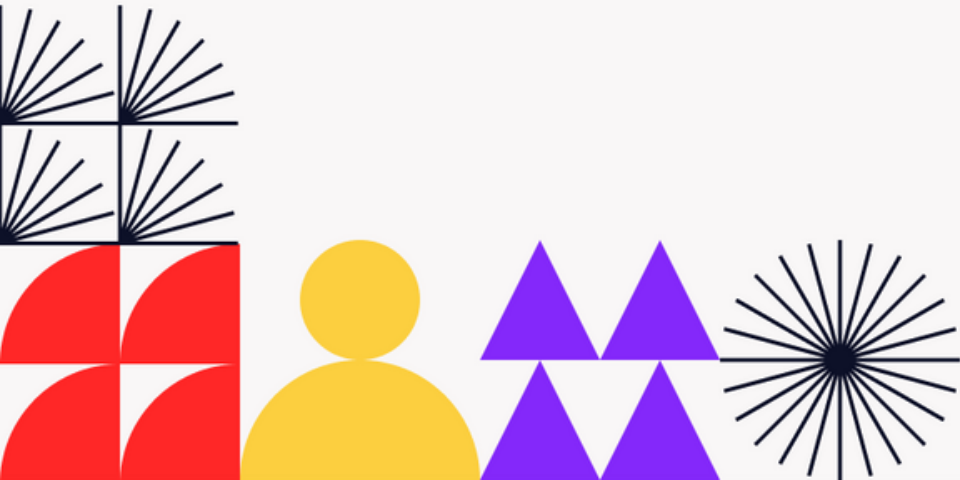
As an Embedded Map on your website



Embedded Map

Looking to display your supplier list on your website as a customized map? OS Hub Embedded Maps can help you:

- ☀ Save money and time
- ☀ Streamline future data updates
- ☀ Easily customize data points & branding
- ☀ Demonstrate your commitment to transparency



The screenshot shows the Columbia Sportswear Company's website with the following elements:

- Header:** Columbia Sportswear Company logo and navigation links: OUR COMPANY, CORPORATE RESPONSIBILITY, NEWS, INVESTOR RELATIONS.
- Section Title:** OUR SUPPLY CHAIN: TRANSPARENCY MAP
- Text:** Utilizing measurement tools and systems allows us to be transparent about our practices to stakeholders. To this end, we are proud to provide an annual [Corporate Responsibility Report](#) to share our yearly accomplishments and initiatives, progress towards goals, as well as challenges we face.
- Section Title:** TRANSPARENCY MAP
- Text:** Columbia is committed to supply chain transparency. To demonstrate transparency, we maintain a Factory Transparency Map that provides visibility to where Columbia Sportswear Company (including Columbia, Mountain Hardwear, SOREL and prAna) products are made. To do this we have partnered with the [Open Apparel Registry \(OAR\)](#) to publish an interactive map.
- Text:** Since 2013, we have been publicly reporting our finished goods factories (Tier 1). In 2022, we expanded the reporting to include more factories in the supply chain, including a growing number of our processing factories (Tier 2), as well as additional factory data points shown on each factory profile. At the time of the last update, this map represents 99% of our finished goods factories supply chain. The total processing factories on the map account for about 80% of our total business volume.
- Text:** This map provides an interactive overview of the factories who are actively producing products for our brands. Additionally, the transparency map highlights some key initiatives highlighted on a factory's profile. These key initiatives focus on creating positive impacts in our supply chain through collaboration with our factories: [Inclusion](#), [Carbon Leadership Project](#), [Clean by Design](#), [Fair Trade Certification](#), [HERProject](#), [Leather Working Group](#), [Planet Water Foundation](#), and [Responsible Down Standard](#).
- Text:** In the dropdown under the field Filter by Contributor List, you can select one or multiple of our brands' supply chain to visualize and search. Selecting the list Columbia Sportswear Company (CSC) will return all reported factories in our company's portfolio.
- Map Interface:** Includes a search bar with the text "Search the Open Apparel Registry" and "Need tips for searching the OAR?". Below the search bar are dropdown menus for "Contributor List" and "Country Name". A "SEARCH" button is present. To the right of the search bar is a "FACILITIES (753)" label. Below the search bar is a "MORE FILTERS" button. The map itself shows a world map with blue circular data points representing facilities. A legend indicates "# FACILITIES" with "FEWER" and "MORE" options. The map is powered by Google and Open Apparel Registry.



Columbia first turned to Open Supply Hub when they learned about its Embedded Map feature - an automatic and interactive supplier map that companies can customize and embed on their websites. They were excited to find a supply chain transparency tool that came from a widely known and trusted organization, committed to openness and collaboration.

The functionality of Open Supply Hub and its Embedded Map also allows CSC to meet the requirements of multiple industry assessors (like the Fashion Transparency Index, Transparency Pledge and more). They can easily maintain and share the data points in their customized Embedded Map and make that data available in a machine-readable, downloadable format for external review.





Open Supply Hub allowed them to achieve their transparency goals by providing an open and collaborative database in which they could share supply chain information, connected automatically with an interactive map on their website.

When visiting their website, **clients are now able to immediately see Veshin Factory's supply chain information and their participation in an open supply chain data initiative** - a demonstration of their commitment to transparency.





Access your OS IDs to make data exchange easy

Each of your facilities now has its own OS ID. These free, universal IDs can be used to make it easy to share facility data with others.

Facility Name or OS ID

addo

Data Contributor

Select

Country Name

Select

Sector

Select

Facilities

5 results

[Download](#) [Copy Link](#)

Addo Food Group Dorset Foods
OS ID: GB2022297KQ0DVK
Unit 6 Longmead Industrial Estate, Dorset, Shaftesbury, England, SP7 8PL

Addo Food Group Tottle Bakery
OS ID: GB2022297ARXMOM
Queens Drive , Nottinghamshire, Nottingham, England, NG2 1LU



Share your facilities' OS IDs when providing data to other stakeholders, so they can easily line their facility data up with yours



Incorporate them into your own internal systems as a decoder ID across platforms and service providers

Download your data from Open Supply Hub to access the OS IDs for your facilities.



Until Open Supply Hub, factory matching across platforms has been very challenging.

The OS ID provides the vital common point of reference that allows us to combine multiple IDs across multiple MSIs in the same record to achieve interoperability.





Using OS IDs that have been allocated to its facilities, Mammut plans to begin **working on analysis and visualizations, matching facilities across multiple systems, resulting in an even clearer picture of its supply chain.**





Making use of OS IDs provides a common language for all stakeholders and platforms linking to the SLCP Gateway.

It enables everyone to match facilities on the Gateway to facilities in their own operating systems. Connecting with OS Hub also helps SLCP to transparently demonstrate which facilities are making use of SLCP to collect and verify their social and labor data.

SOCIAL & LABOR CONVERGENCE





Build more robust data with facility claims

If you are a facility, claim your profile. If you work with facilities, reach out to them to share that their facility is now listed on OS Hub. We offer suggested text you can use to encourage them to access their OS ID and claim their profile.

By claiming their facilities on the OS Hub, facility owners or senior management can add additional details to their profiles, including MOQs, lead times, certifications, gender-breakdown of workers, and more. This is a great tool for them and ensures that your facilities have the most robust OS Hub profiles possible.





Fair Trade USA is always working to make it easier for brands to find and connect with Fair Trade Certified™ facilities...To achieve this level of interaction, Fair Trade USA began listing Fair Trade Certified factories on Open Supply Hub and **encourages the owners of those factories to claim their facility profiles, adding additional sourcing data points, such as facility type, production capabilities, lead times, and more.**

Through this process, OS Hub has become a public, single source of truth that Fair Trade USA can use to match brands with Fair Trade Certified factories.





OS Hub plays a crucial role in standardizing the labeling of all the global facilities across the Hirdaramani group.

Submitting and claiming facilities on Open Supply Hub forced them to think about the best naming conventions for all their facilities, independent of legal or corporate entity details.



You're in good company

OS Hub Funders



Over 575 organizations have shared data on OS Hub, including...

adidas, Amazon, Columbia Sportswear Company, Dick's Sporting Goods, Fair Factories Clearinghouse, Fair Trade USA, Higg, Hema B.V., Nordstrom, Target Corporation, The Walt Disney Company, & The Very Group





QUOTE

“Industry has been asking for this kind of open data for years. Now Open Supply Hub helps all of us solve the world’s major challenges together. From public companies reporting to investors to people advocating for improved worker rights. It’s about democratizing access to data and opening up supply chains for global good.”

NATALIE GRILLON, EXECUTIVE DIRECTOR, OPEN SUPPLY HUB





Have questions?



**Check out our
Resources library
and FAQs**



**In Bangladesh,
India, Turkey or
Vietnam? Reach out
to our Community
Managers.**



**Email us to set
up a call or
demo**



Thank you!

