

Developing a Brand Chemical Strategy

What is important? Where do you start?

~ 4000 – 8000* Chemicals Used For Apparel & Footwear

Entering factories with countless formulations

*** Not knowing this number should worry us**

Potential for problems gets big in a hurry



~9 Billion

People



~200 Tons

Water used/ton
of fabric dyed



27 Billion

Articles/year
(shirts + pants + jackets)



20 Billion

Footwear
pairs/year



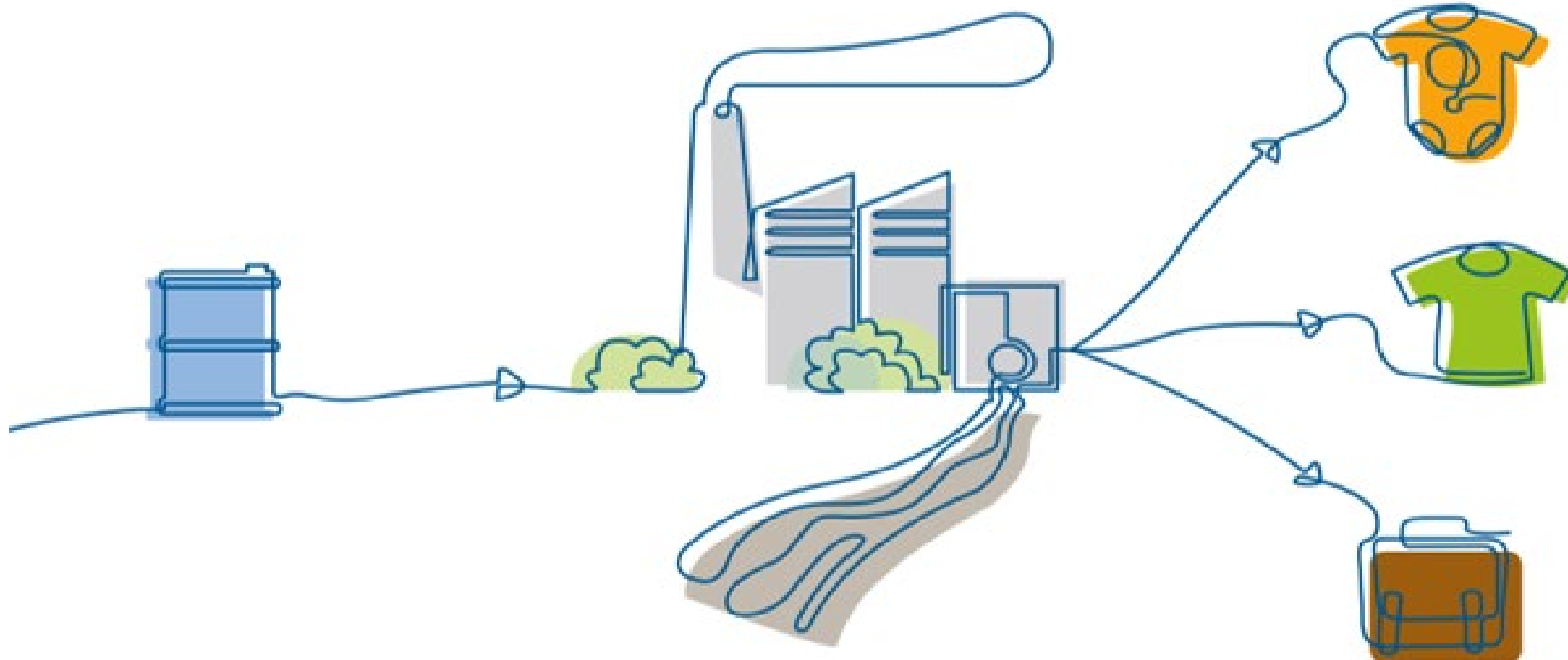
\$2.56 Trillion

Textile, clothing,
footwear (2010)

Input

Process

Output



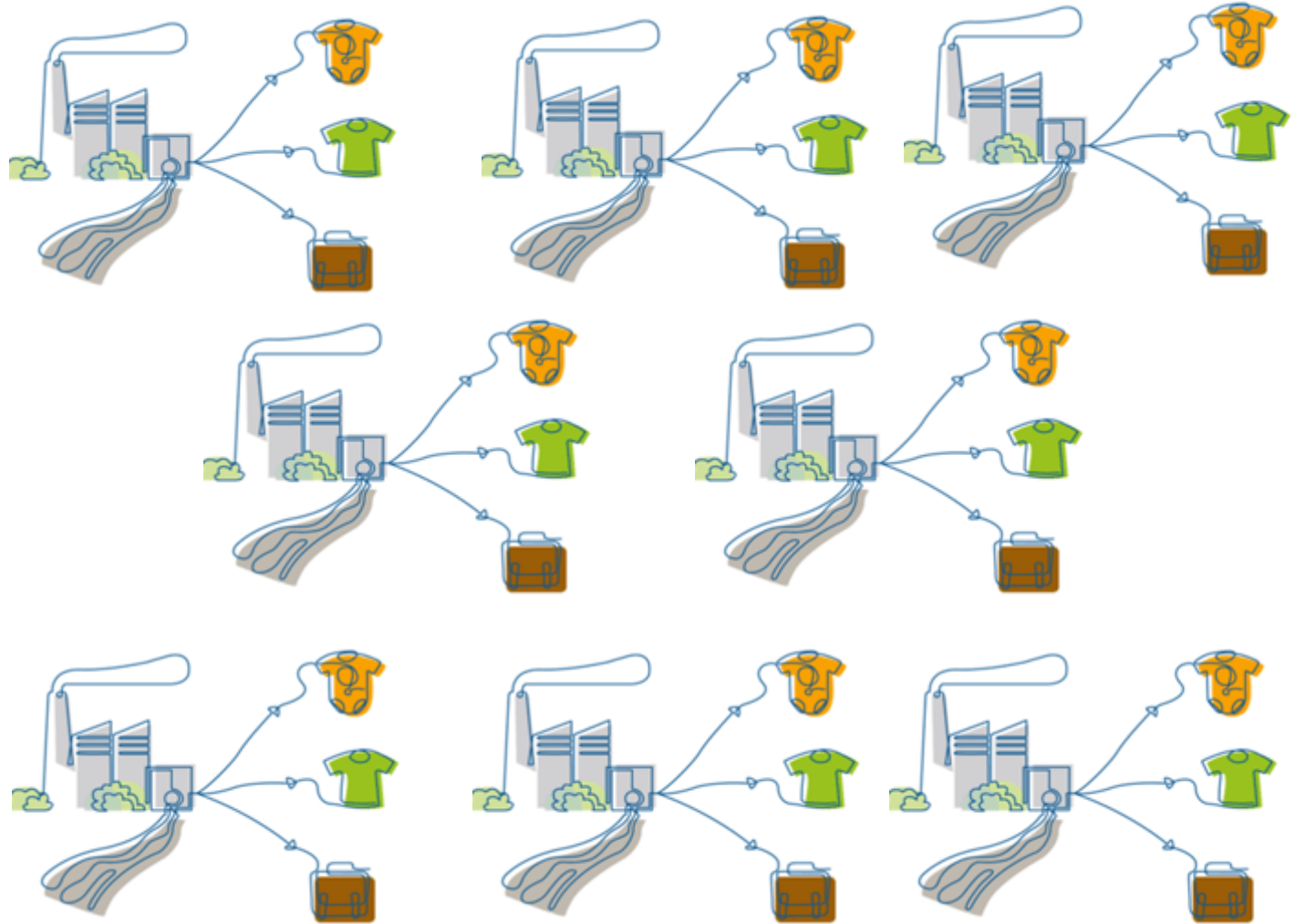
Consider Your Supply Chain
Where are your greatest chemistry risks?

Supply Chains Complicate Things

Multi-Tiered Factories

- Many, many factories
- Typically International
- Dispersed
- Contracted (not owned)

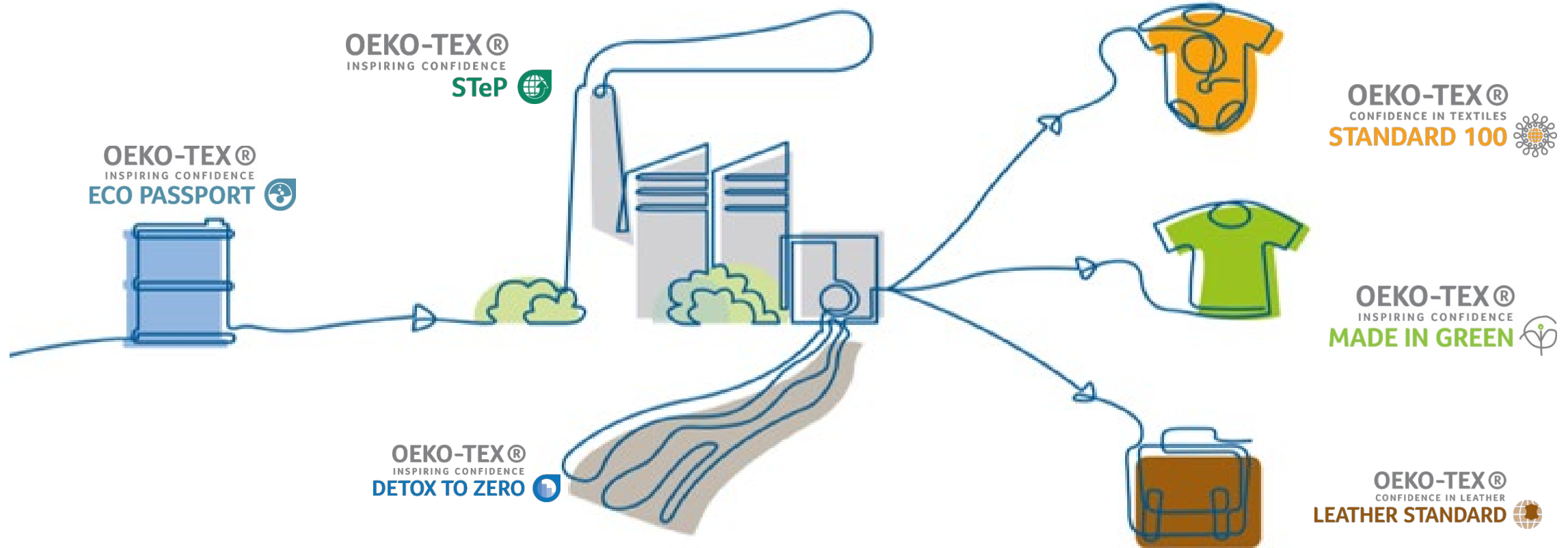
Most Chemicals at Tier 2+



Input Control

Process Control

Output Control



OEKO-TEX® System
Supply Chain Partners for Chemical Strategy

OEKO-TEX® Association

Hohenstein is a founding member and leading provider of OEKO-TEX® services that enable consumers and companies to protect our planet by making responsible decisions

18

**Independent
textile/leather
research & test
institutes**

70

**Worldwide
representative
offices**

21,000

**Companies
working with
OEKO-TEX®**

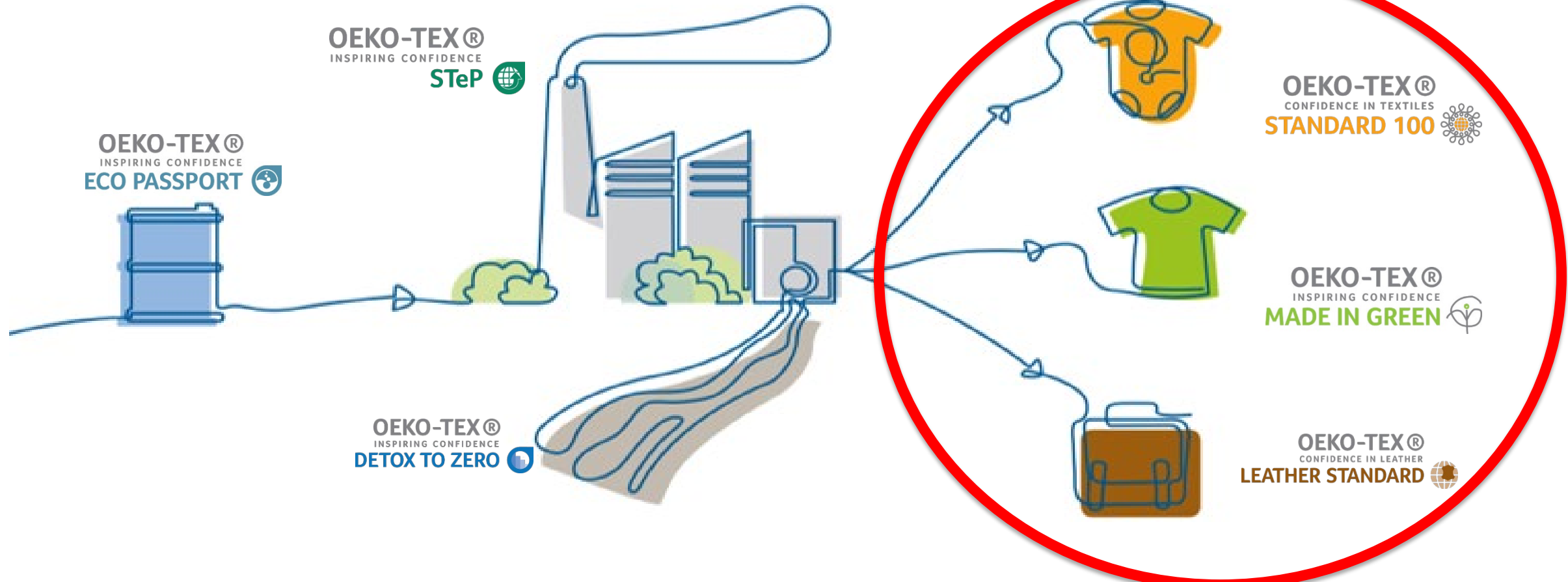
235,000

**Certificate
issues &
renewals**

Input Control

Process Control

Output Control



OEKO-TEX® System

Independent Certifications & Product Stewardship Along the Supply Chain

CertLink and

STANDARD 100 by OEKO-TEX®

Product Control & Consumer Safety

Input Control

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT

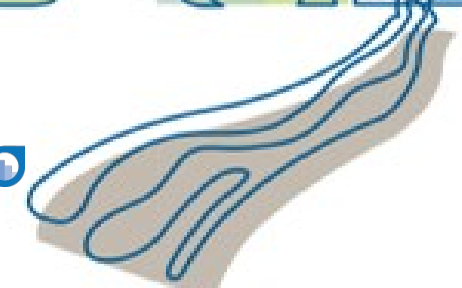


Process Control

OEKO-TEX®
INSPIRING CONFIDENCE
STeP



OEKO-TEX®
INSPIRING CONFIDENCE
DETOX TO ZERO



Output Control



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
INSPIRING CONFIDENCE
MADE IN GREEN



OEKO-TEX®
CONFIDENCE IN LEATHER
LEATHER STANDARD

LEATHER STANDARD by OEKO-TEX®

Product Control & Consumer Safety

Input Control

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT



Process Control

OEKO-TEX®
INSPIRING CONFIDENCE
STeP



OEKO-TEX®
INSPIRING CONFIDENCE
DETOX TO ZERO

Output Control

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



OEKO-TEX®
INSPIRING CONFIDENCE
MADE IN GREEN



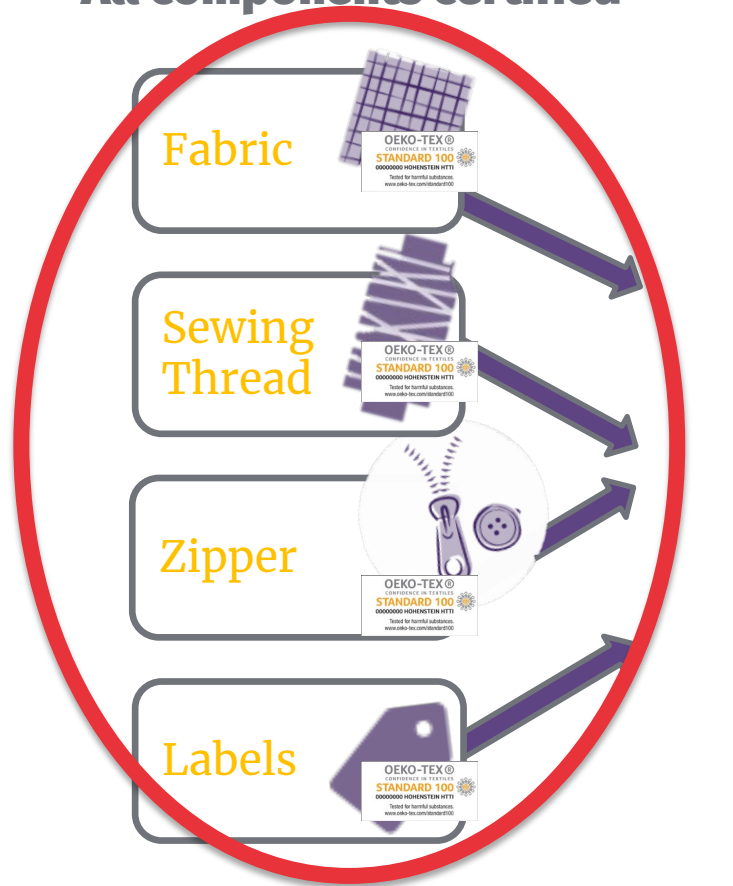
OEKO-TEX®
CONFIDENCE IN LEATHER
LEATHER STANDARD



STANDARD 100 – Certificate Scenario

All Components Certified – RSL Testing would be redundant

All components certified



Certified finished products



Finished product certification

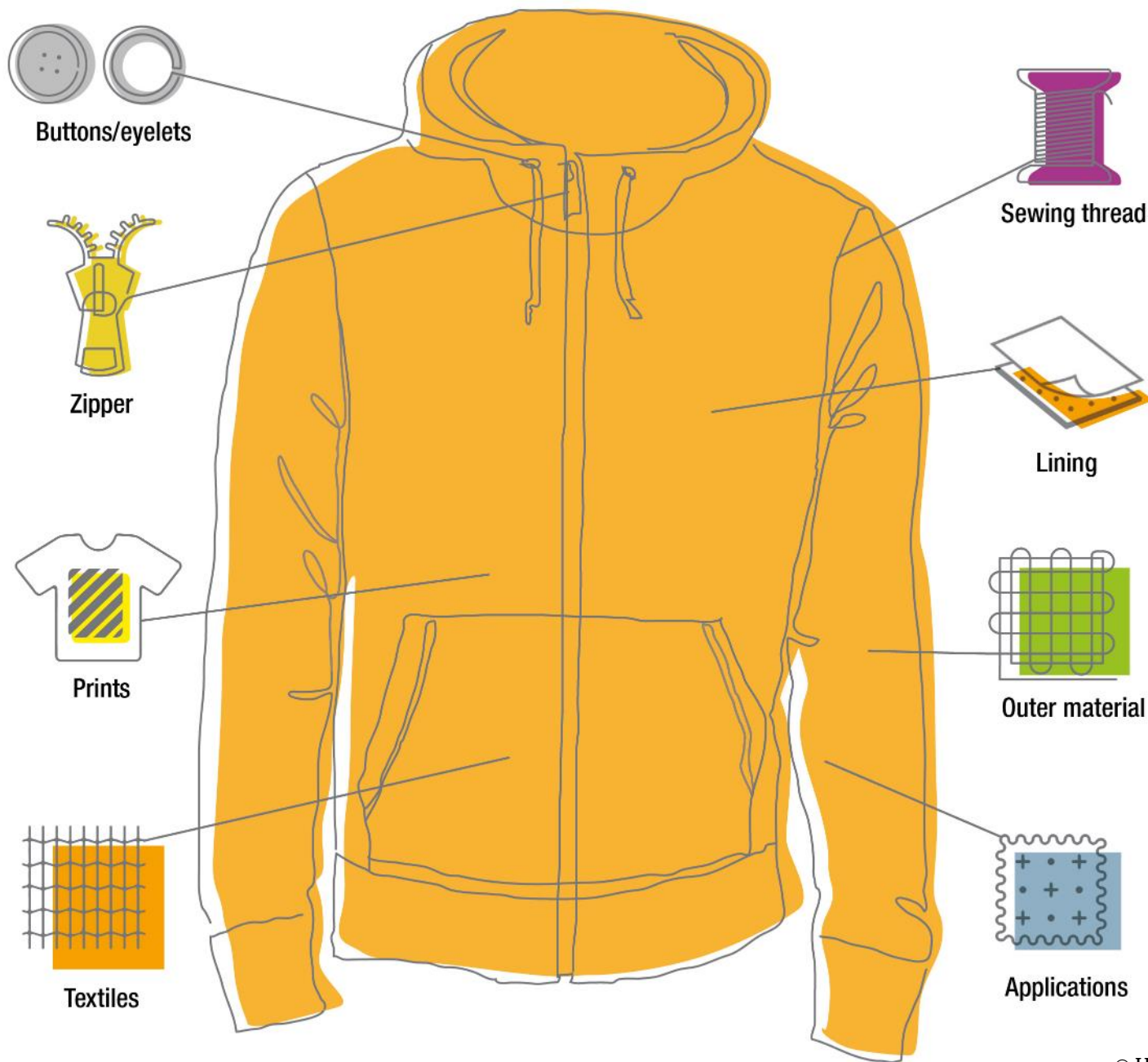
Use supplier label or re-label

What can be certified and show in CertLink?

Every component of the product



Finished product (if all components are tested)



What can be certified and show in CertLink?

Every component of the product

+

Finished product (if all components are tested)

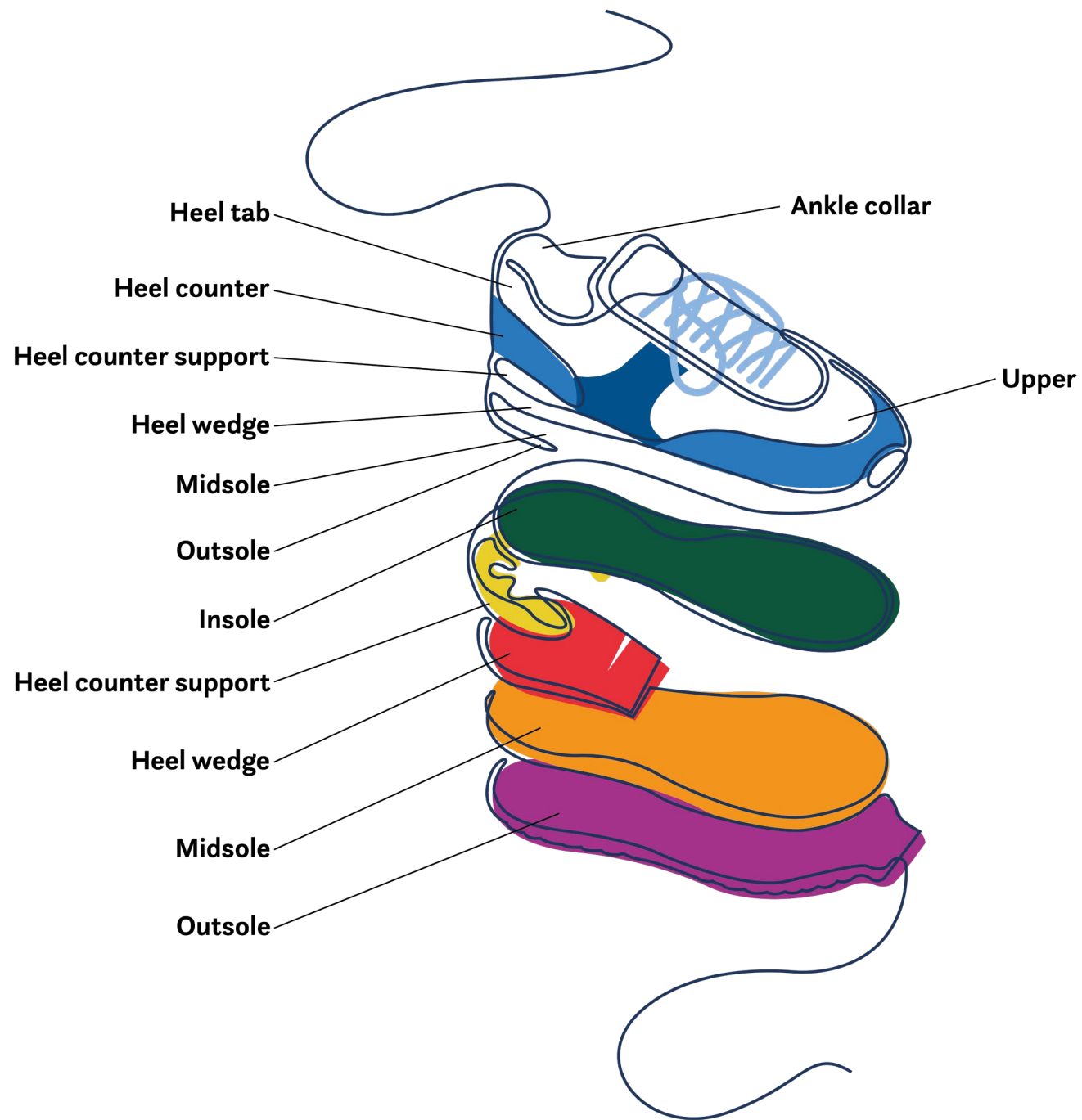


What can be certified and show in CertLink?

Every component of the product

+

Finished product
(if all components are tested)



CERTIFICATE

The company

Company Name
Streetname No.3
01234 City, Country

is granted authorisation according to STANDARD 100 by OEKO-TEX®
to use the OEKO-TEX® mark, based on test report 00.0.00000



for the following articles

Article, article, article ...

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, product class I, II, III, IV have shown that the above mentioned goods meet the human-ecological requirements of the standard presently established for products for babies, with direct contact to skin, without contact to skin, for decoration materials.

The certified articles fulfill the requirements of Annex XVII of REACH (incl. the use of azo-dyes, nickel, etc.) as well as the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the OEKO-TEX® marks only in conjunction with products that conform the sample initially tested. The conformity is verified by audits.

The certificate 00.000.00000 is valid until dd.mm.yyyy

Boennigheim, dd.mm.yyyy

E. Weisheit

Dipl.-Ing. (FH) Elisabeth Weisheit
Head of Certification Body OEKO-TEX®



STANDARD 100 by OEKO-TEX® Certificate

Certificate owner
& address

Certificate scope

Product class
& Annex

Covered
requirements

Certificate #
& expiration date

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
00000000 HOHENSTEIN HTTI



Tested for harmful substances.
www.oeko-tex.com/standard100

Verifiable certificate #
& test institute name

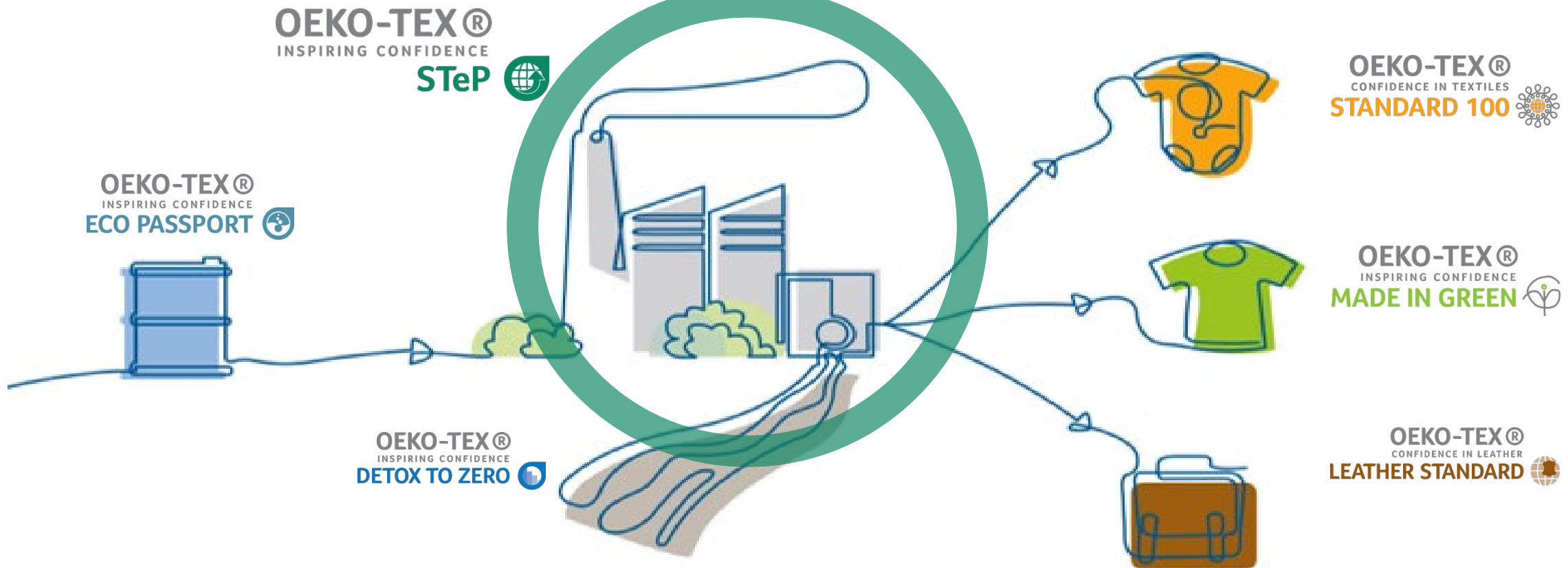
STeP by OEKO-TEX®

Transparent Control of Sustainable Production

Input Control

Process Control

Output Control



STeP = **Sustainable** **Textile (& Leather)** **Production**

Considers all aspects of sustainability & provides solutions for continuous improvement



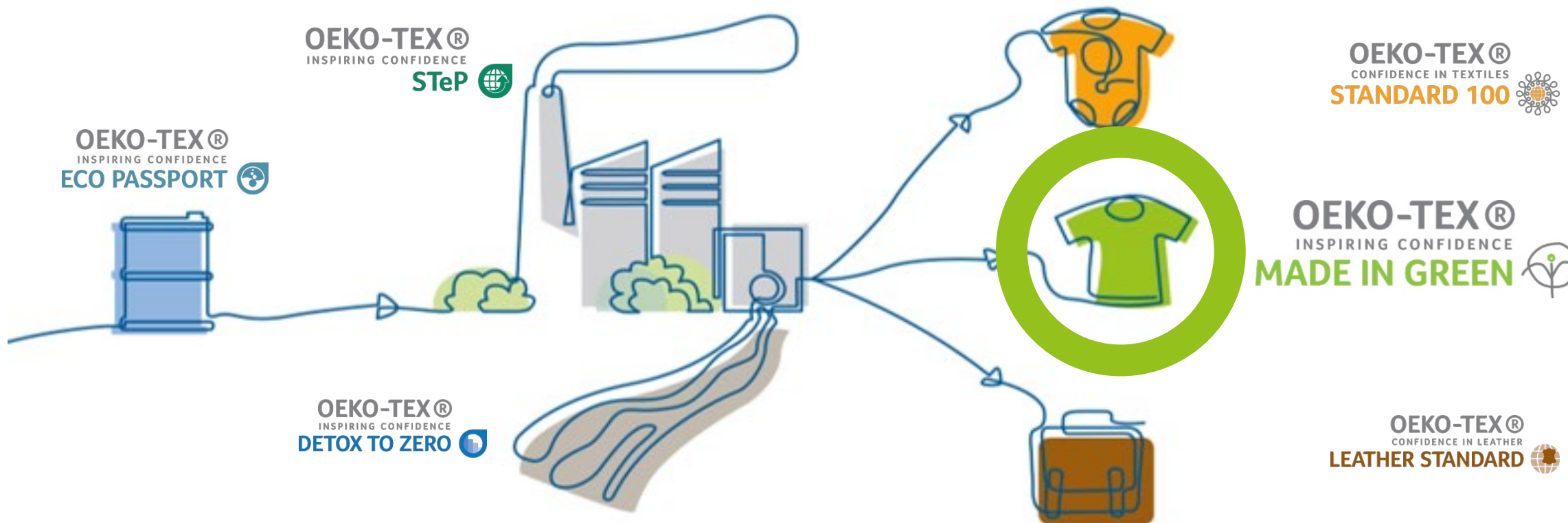
MADE IN GREEN by OEKO-TEX®

Product Safety, Traceability, Sustainability

Input Control

Process Control

Output Control



What is MADE IN GREEN?

Products with the MADE IN GREEN label are made of materials tested for harmful substances & sustainably produced.



Product Certification



Facility Certification



Amazon Climate Pledge Friendly Badge on Certified Products

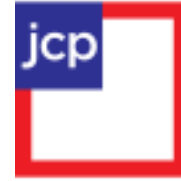
MADE IN GREEN is a qualification for a Climate Pledge Friendly badge on Amazon.



The screenshot shows an Amazon product listing for a "Calida Women's Sensual Secrets Lace Top". The product has a 4.5-star rating from 34 reviews and is priced at \$32.80 with \$4.40 shipping. A green "Climate Pledge Friendly" badge is visible, along with a link to "See 1 certification". A tooltip box is overlaid on the listing, containing the text: "We've made it easier to discover products with sustainability certifications, as part of our commitment to help preserve the natural world. Time is fleeting. Learn more". Below the tooltip, the text "PRODUCT CERTIFICATION (1)" is shown, followed by the OEKO-TEX MADE IN GREEN logo and the text "MADE IN GREEN by OEKO-TEX". At the bottom of the listing, "FREE Shipping" is indicated.

**Retailers,
Brands &
Manufacturers
Use
OEKO-TEX®**

KOHL'S



amazon

COSTCO
WHOLESALE



★ macy's



sleep  number.

POTTERY BARN

LANDS' END

L.L.Bean

HUDSON'S BAY

SleepOnLatex

PARACHUTE



brooklinen

BOLL & BRANCH™

SNOWE

HOLLANDER
SLEEP PRODUCTS

CUDDLEDOWN®
Devoted to your luxurious comfort and style

carter's

Maples
Rugs


AMERICAN TEXTILE CO.

 TRIDENTGROUP™

Steelcase

WELSPUN



WP
HOME


MOHAWK

 NATCO HOME

**Thousands of
STANDARD 100
by OEKO-TEX®
Certified
Suppliers
(1000s)**



OEKO-TEX® CertLink + Global Library

Collaboration with Texbase

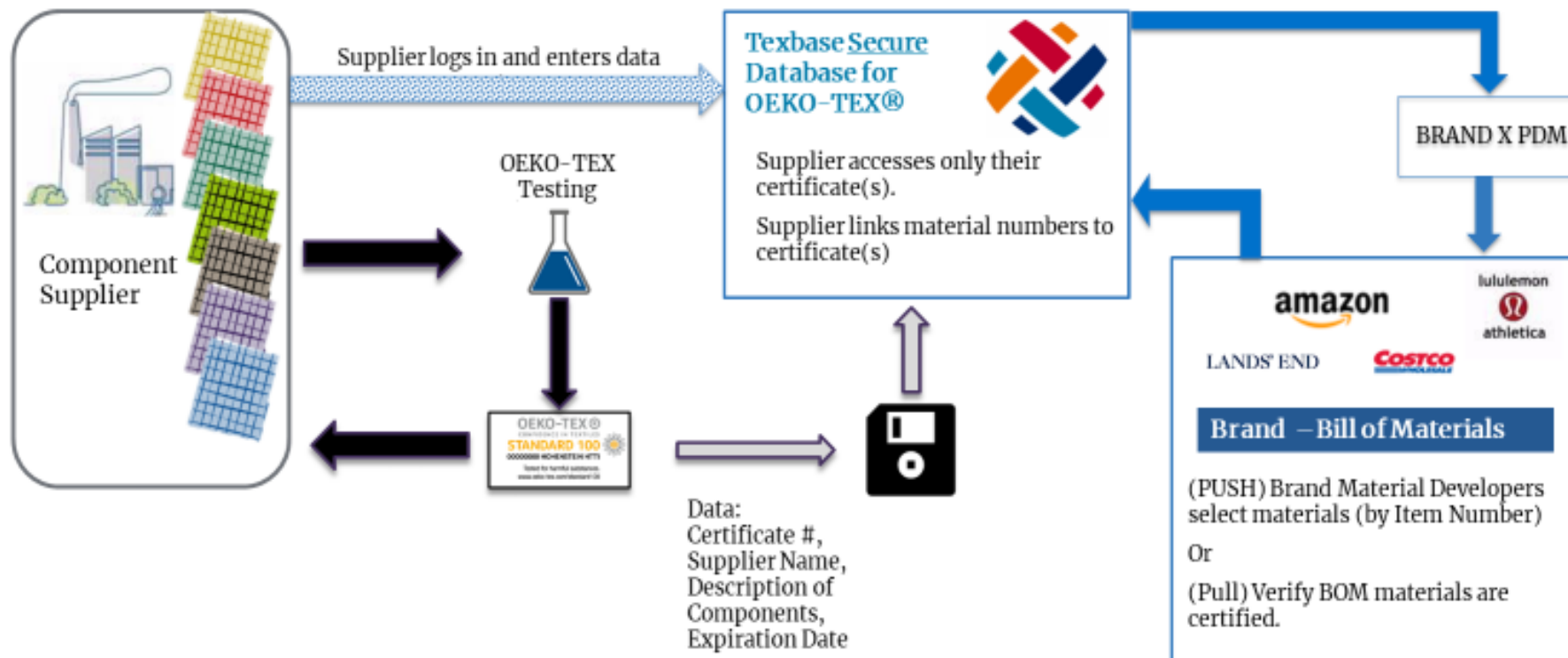
Suppliers connect their OEKO-TEX® certificates to specific data & product codes



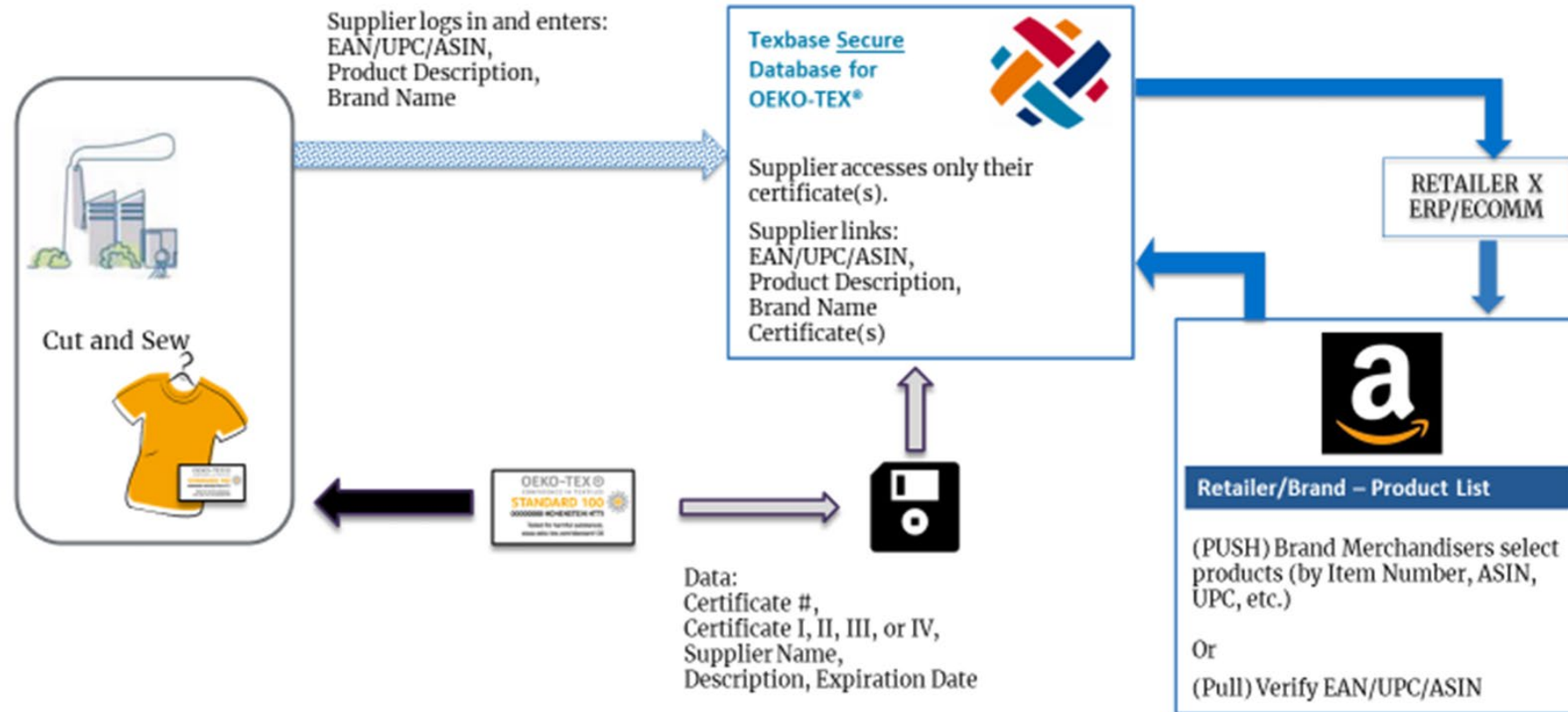
Brands/retailers trace & confirm certified materials + use certifications in lieu of RSL testing



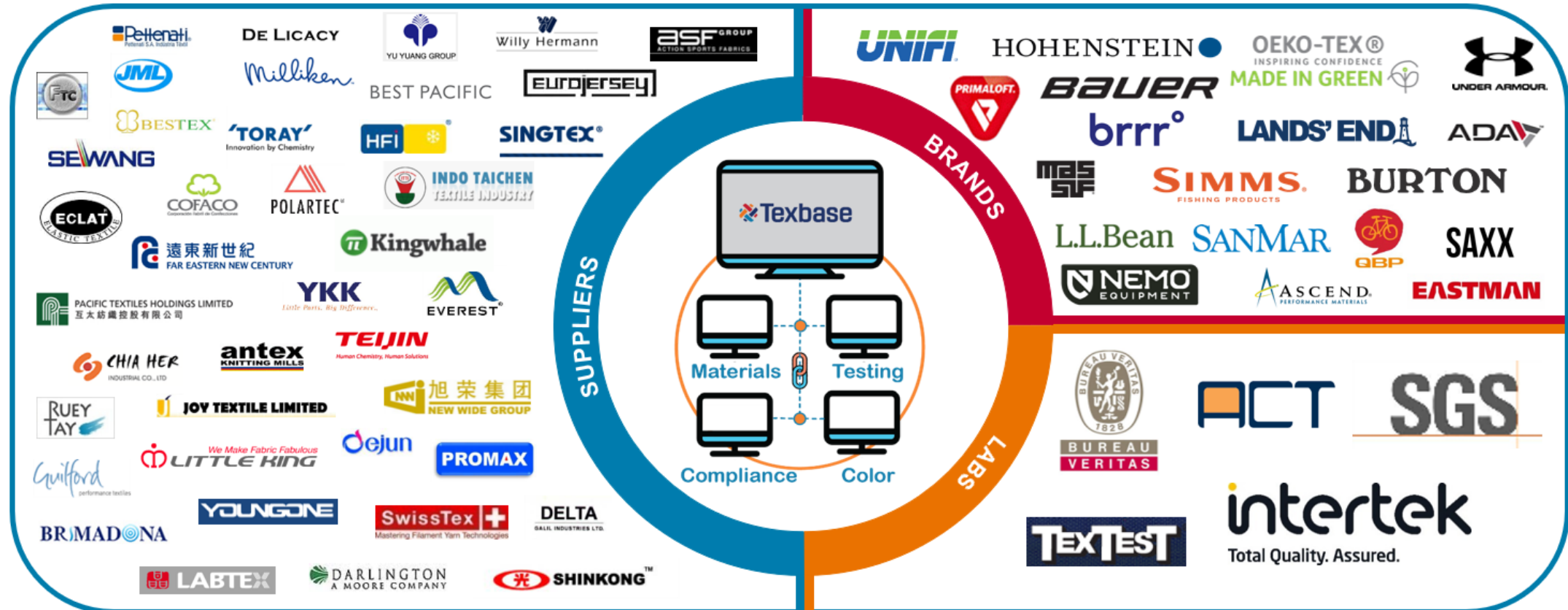
Connecting Certificate to Materials



Connecting Certificates to Products



Why Texbase? Experience. Speed.



HOHENSTEIN ●

Learn More: [Hohenstein.US/OEKO-TEX](https://www.hohenstein.us/OEKO-TEX)