



a brand partner  
introduction to bluesign®

# agenda

- 1. who we are**
- 2. what we do**
- 3. why we do it**
- 4. how we do it**
- 5. how we report**
- 6. why we certify**
- 7. how we certify**
- 8. who we work with**
- 9. questions?**

# 1. **who we are**

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A COMMUNITY OF COLLABORATORS

# 1. who we are

- **A global solution provider for a sustainable textile industry**
- Founded in 2000
- Developed and introduced an “Input Stream Management System” in the textile and related industries
- More than 800 system partners worldwide
- An SGS Group company since 2008
- HQ in St. Gallen/Switzerland
- Offices in Germany, USA, Japan, South Korea, Taiwan, China, Hong Kong, Vietnam, India, Bangladesh, Sri Lanka, Turkey, Guatemala and Costa Rica

## **2. what we do**

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REDUCING IMPACT ON THE PLANET AND ITS PEOPLE

## 2. what we do

- each item carrying a **bluesign®** label has been manufactured to strict safety and environmental requirements.
- we **measure, report, certify** and **improve** environmental & social performance in these areas:



Chemical  
Consumption



Carbon  
Emission



Water  
Consumption



Energy  
Consumption



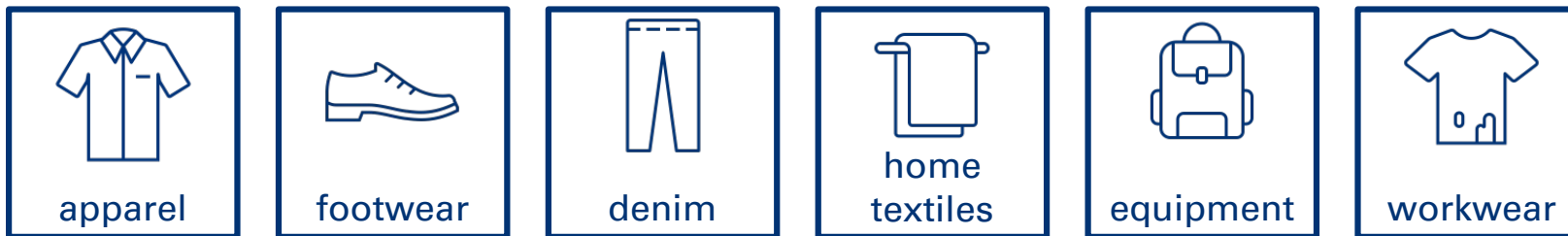
Worker Health &  
Safety



Coal  
Energy

## 2. what we do

- for each product category we set consistent, impartial criteria against which each is evaluated.
- known as the bluesign® CRITERIA, these are the highest standards in the industry.



- The bluesign® CRITERIA are openly available for all to review:
- <https://www.bluesign.com/en/downloads>

# 3. **why we do it**

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BECAUSE IT MATTERS



# 3. why we do it



- Textile industry responsible for 5 – 10% of global GHG.



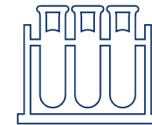
- Clothing production doubled from 2000 to 2014: 200 billion garments p.a. by 2030.
- Average US shopper buys 70 garments per year.



- Textile industry uses 93 trillion litres of water p.a.
- 100,000 litres per person on planet earth.



- Fewer than 1% of clothes are recycled into new clothes.
- Only 3% of clothes are made from re-cycled materials.



- 350 chemicals used in textile production are harmful to human health
- 175 harmful to the environment



- In EU 53.3% of environmental claims provide vague, misleading, or unfounded information.

# 4. how we do it

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## PARTNERSHIP...

“PARTNERSHIP IS A CONTINUOUS PROCESS THAT GROWS STRONGER EACH YEAR AS WE DEVOTE OURSELVES TO COMMON TASKS”

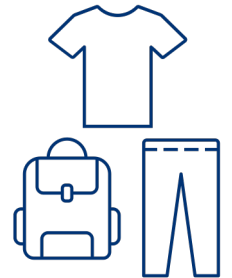
## 4. how we do it

- bluesign® SYSTEM is unique.
- we assist our partners to eliminate environmentally harmful substances from their textile supply chain.
- bluesign does not just measure and report;
  - bluesign analyses supply chain control (the brand assessment)
  - bluesign sets the criteria
  - bluesign certifies
  - bluesign improves through education, information & resources
- our **INPUT STREAM MANAGEMENT** method helps our partners reduce impacts
- our partnership model unlocks the collective effort of each, to the benefit of all, and to the benefit of the planet
- we inform, educate, train and support.

# 4. how we do it



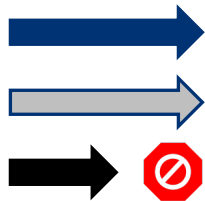
## OUTPUT REPORTING



BLUESIGN  
CERTIFIED  
PRODUCT



CHEMICAL  
SUPPLIER



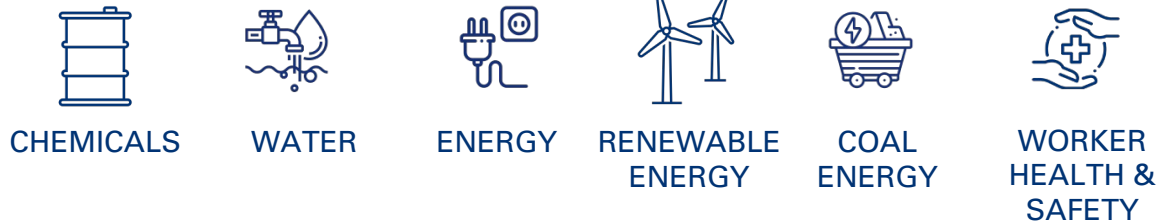
CLEAN  
CHEMISTRY



MANUFACTURER



BRAND










## INPUT STREAM MANAGEMENT

# 5. **how we report**

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A BRAND'S SUSTAINABILITY PERFORMANCE

# 5. how we report

	 Electrical Energy	 Heating Energy	 <i>(Total)</i> Energy Consumption	 CO <sub>2</sub> e Footprint	 Water Consumption	 Chemical Consumption	 Bluesign Approved Chemistry
<i>(units)</i>	<i>(kWh/kg)</i>	<i>(kWh/kg)</i>	<i>(kWh/kg)</i>	<i>(kg/kg)</i>	<i>(l/kg)</i>	<i>(g/kg)</i>	<i>(%)</i>
<b>Baseline</b>	5.2	17.7	22.9	10.4	203	380	22
<b>Current</b>	3.5	14.7	18.2	6.2	163	370	68
<b>Trend</b>	-32 %	-17 %	-20 %	- 41 %	-20 %	- 2.7 %	+ 201 %

# 5. how we report



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## IMPACT REPORT FOR BRAND SYSTEM PARTNER

[BRAND NAME]  
[BRAND'S SEGMENT]  
November 2022, Reporting year 2021



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### IMPACT DASHBOARD

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#### CONSUMPTION 2021

	TREND VERSUS BASELINE*
<b>165 l/kg textile</b> Fresh Water	↓ -31%
<b>17 kWh/kg textile</b> Energy (Total)	↓ -24%
<b>6.1 kg CO2e/kg textile</b> Greenhouse Gas Emissions	↓ -34.5%
<b>116 g/kg textile</b> Basic Chemicals	↑ +49%
<b>450 g/kg textile</b> Auxiliaries	↑ +55.7%
<b>22 g/kg textile</b> Dyestuffs	→ +4.8%
<b>11%</b> Textile Waste	↓ -1.8%
<b>72%</b> bluesign Approved Chemistry (scored with bluesign SYSTEM Partner and IMPACT Partner)	↑ +88.9%
<b>23%</b> Renewable Energy/Overall Energy Mix	↑ +12.2%
<b>12 %</b> Non-Coal Energy /Overall Energy Mix	↗ +6.2 %

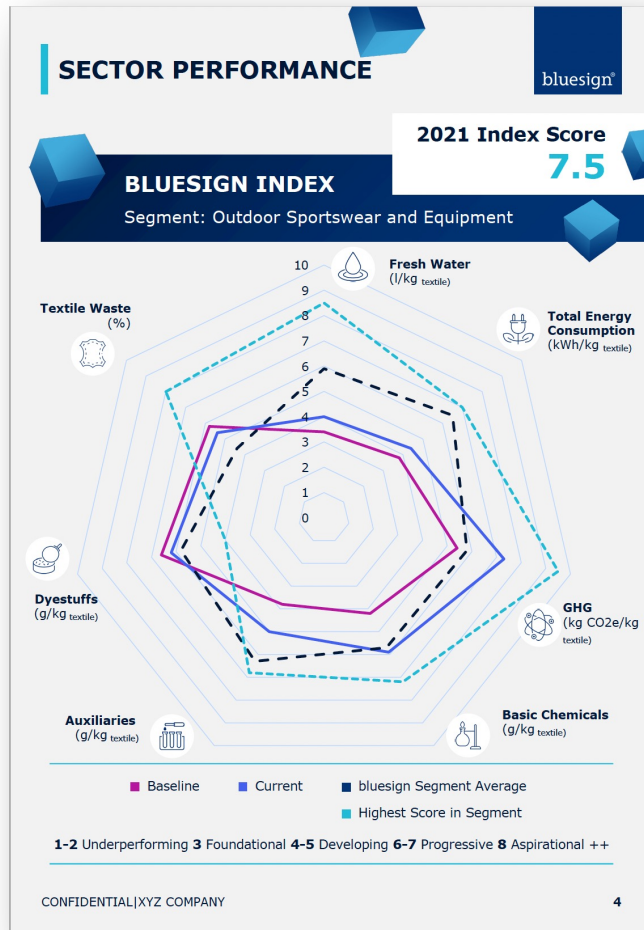
\*Baseline year: 2020

<b>Total suppliers in supply network:</b>	<b>30</b>	<b>Number of production sites in analyzed data set:</b>	<b>27</b>
<b>Total Converters in supply network:</b>	<b>4</b>		

Disclaimer: Data relates to the overall average impact of the suppliers assessed by bluesign based on their total production output.

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# 5. how we report



### APPENDIX 4 SUSTAINABILITY FRAMEWORK INDICATORS

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Your bluesign verified impact data can be used to support your sustainability disclosures across a number of key reporting frameworks

Performance measure	GRI Relevant Standards (effective for reports published from Jan 2021)	SDGs	SASB APPAREL, ACCESSORIES & FOOTWEAR Sustainability Accounting Standard	CDP
Total fresh water use (l/kg textile)	GRI 303: Water and Effluents 2018	6 CLEAN WATER AND SANITATION	Management of Chemicals in Products (CG-AA-250a.1 and CG-AA-250a.2) Environmental Impacts in the Supply Chain (CG-AA-430a.1 and CG-AA-430a.2)	Water security questionnaire
Total energy consumption (kWh/kg textile)	GRI 302: Energy 2016	7 AFFORDABLE AND CLEAN ENERGY		Climate change questionnaire
GHG emissions (g/kg textile)	GRI 305: Emissions 2016	12 RESPONSIBLE CONSUMPTION AND PRODUCTION		Climate change questionnaire
Basic Chemicals (g/kg textile)	GRI 308: Supplier Environmental Assessment 2016	8 INDUSTRY AND ECONOMIC DEVELOPMENT		-
Auxiliaries (g/kg textile)	GRI 301: Materials 2016	8 INDUSTRY AND ECONOMIC DEVELOPMENT		-
Dyestuffs (g/kg textile)	GRI 301: Materials 2016	8 INDUSTRY AND ECONOMIC DEVELOPMENT		-
Bluesign® APPROVED Chemicals (%)	GRI 301: Materials 2016	8 INDUSTRY AND ECONOMIC DEVELOPMENT		-
Textile Waste (%)	GRI 306: Waste 2020 GRI 306: Effluents and Waste 2016	11 SUSTAINABLE CITIES AND COMMUNITIES		Climate change questionnaire

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# 6. **why we certify**

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INTEGRITY, INDEPENDENCE & TRUTH

## 6. why we certify

- well-intentioned development of limited areas of sustainable action
- an on-going effort to change the way their products are services are made / delivered.



- having a clear and well-defined commitment to sustainable methods of production, and operation of its business
- transparent about performance to date and future targets

- seeking to ride the wave of consumer interest in the topic for commercial gain
- attaching sustainable attributes to traditional working methods

## 6. why we certify

- The European Commission's 2020 study found that **53.3%** of environmental claims provide **VAGUE, MISLEADING, or UNFOUNDED** information about products' environmental characteristics
- **EUROPEAN COMMISSION'S GREEN CLAIMS DIRECTIVE** (April '23) requires that any trader making an environmental claim, must have the claim validated:
  - by a third-party conformity assessment body formally accredited by a nationally recognised certifying entity, and;
  - that entity must be independent, and not engage in any activity that may conflict with their independence or integrity, and;
  - shall have the expertise required to perform the verification.
- bluesign is on track to **CONFORM TO GREEN CLAIMS DIRECTIVE** .



Over-claimers

## 6. why we certify

- The European Commission's **ECO-DESIGN FOR SUSTAINABLE PRODUCTS REGULATIONS** will require:
  - **MANDATORY PERFORMANCE REQUIREMENTS** for the environmental sustainability of textile products
  - **DIGITAL PRODUCT PASSPORT** for textiles with information requirements on environmental sustainability
  - **MANDATORY** requirements concerning **GREEN PUBLIC PROCUREMENT** and Member State incentives
  - **DISCLOSURE** of the number of discarded products by large enterprises and their subsequent treatment, and measures on banning the destruction of unsold textiles
- Empowering consumers in the green transition and ensuring the **RELIABILITY OF GREEN CLAIMS**
- Review of the **TEXTILE LABELLING REGULATION** and considering the introduction of a digital label

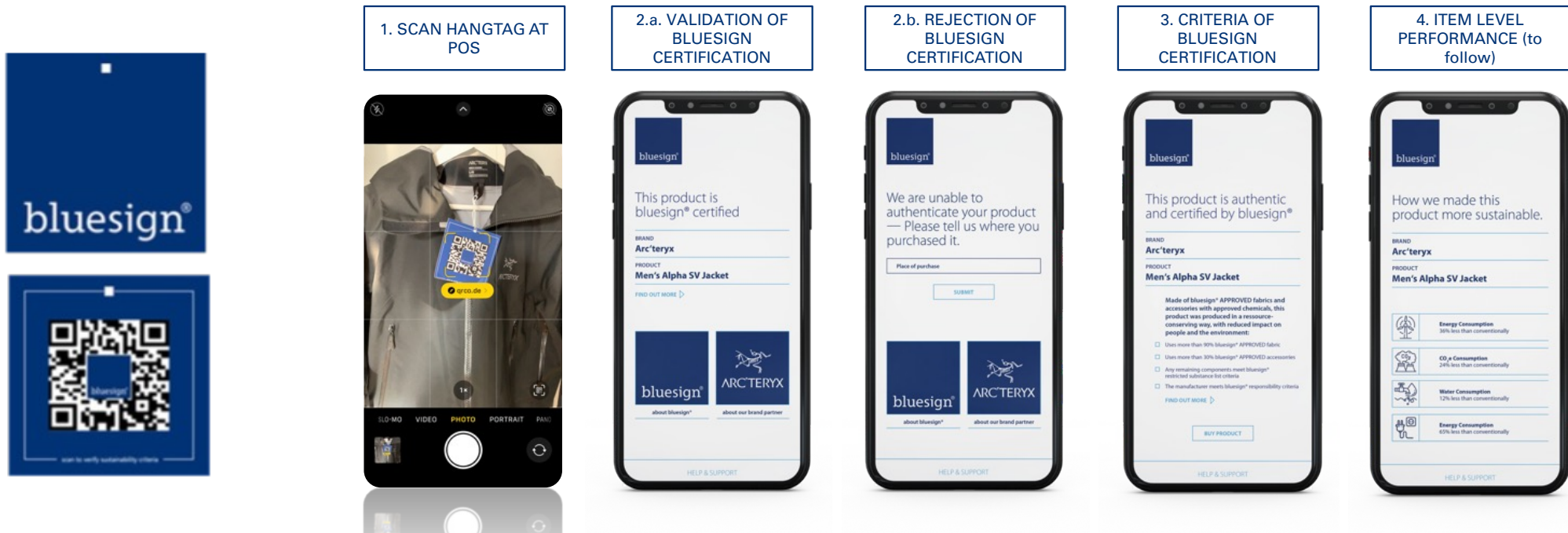
# 7. **how we certify**

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CONNECTING CONSUMERS

# 7. how we certify

- bluesign’s independent certification provides the highest standard of proof for a brand and its customers.
- It is backed by a smart labelling system that validates the product compliance, informs the consumer, and connects the brand...



# 7. how we certify

- Scanning the QR code, links to bluesign's database of certified bluesign PRODUCT.
- For each bluesign PRODUCT category, the consumer is provided with detail on the criteria used to evaluate and certify the item:



apparel

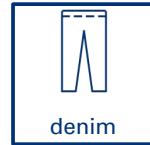
## This item has been made...

With materials that are safe for people and for our environment.

Using our planet's scarce resources responsibly.

In working conditions that are safe and where workers are respected.

In a facility that is actively reducing its impact on the environment; from water and energy use to CO2 emissions and pollution control.  
And packaged with sustainable & environmentally friendly materials.



denim

## This item has been made...

With materials that are safe for people and for our environment.

Using our planet's scarce resources responsibly.

In working conditions that are safe and where workers are respected.

In a facility that is actively reducing its impact on the environment; from water and energy use to CO2 emissions and pollution control.  
Without the use of environmentally harmful chlorine bleach, sandblasting or stonewashing.

home  
textiles

## This item has been made...

With materials that are safe for people and for our environment.

Using our planet's scarce resources responsibly.

In working conditions that are safe and where workers are respected.

In a facility that is actively reducing its impact on the environment; from water and energy use to CO2 emissions and pollution control.  
And packaged with sustainable & environmentally friendly materials.



equipment

## This item has been made...

With materials that are safe for people and for our environment.

Using our planet's scarce resources responsibly.

In working conditions that are safe and where workers are respected.

In a facility that is actively reducing its impact on the environment; from water and energy use to CO2 emissions and pollution control.  
And without the use of harmful PVC.



footwear

## This item has been made...

With materials that are safe for people and for our environment.

Using our planet's scarce resources responsibly.

In working conditions that are safe and where workers are respected.

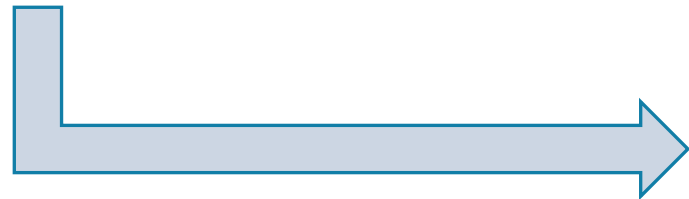
In a facility that is actively reducing its impact on the environment; from water and energy use to CO2 emissions and pollution control.  
And packaged with sustainable & environmentally friendly materials.

# 7. how we certify

SMART QR CODE

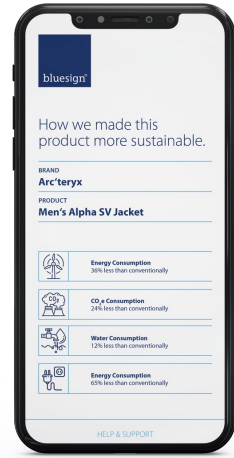
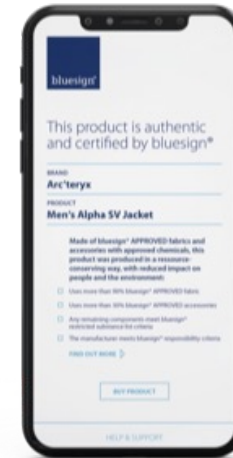
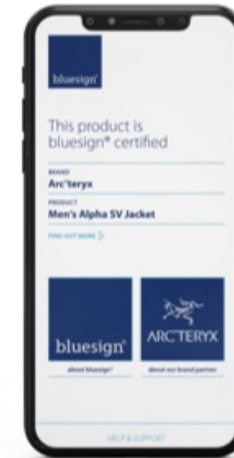


- hangtag
- QR code
- woven label
- sticker



bluesign  
platform  
DEFAULT

(INSIGHT /  
TRACK &  
TRACE)



client  
specified  
DPP platform  
OPTION





# 8. **who we work with**

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OUR SYSTEM PARTNERS

## 8. who we work with

- our services are designed for all tiers of the textile supply chain:



**CHEMICAL SUPPLIERS**



**MANUFACTURERS & CONVERTERS**



**BRANDS**

- bluesign currently has 756 system partners worldwide, growing each day, including brands, retailers, manufacturers, converters and chemical companies.
- [https://www.bluesign.com/system-partners-logos/bluesign-reference-list-total\\_master\\_copy\\_6](https://www.bluesign.com/system-partners-logos/bluesign-reference-list-total_master_copy_6)

# 8. who we work with- brands & retailers

- On-site assessment (“health check” regarding sustainability, focus on supply chain)
- Materials management & materials change management
- bluesign GUIDE
- bluesign PRODUCT



# 8. who we work with – material manufacturers

- On-site assessment (EHS & OHS assessment)
- Chemicals management & chemicals change management
- bluesign FINDER
- bluesign APPROVED fibers, yarns, membranes, fabrics and trims



# 8. who we work with – chemical suppliers

- On-site assessment (Product Stewardship assessment)
- Chemical risk assessment versus pure hazard assessment
- bluesign APPROVED chemical products



bluesign®

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