

bluesign® INTRODUCTION

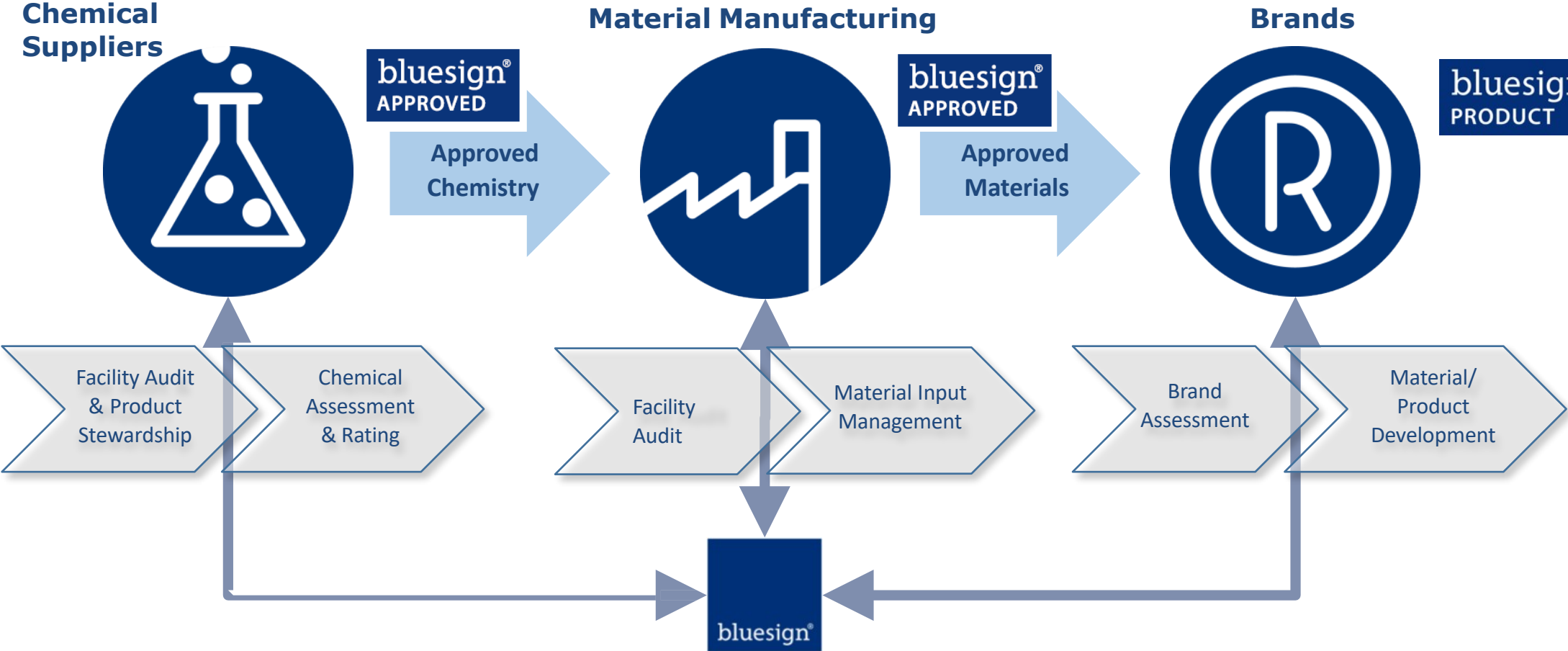
Clean Chemistry. Clean Production. Clean Products.



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 750 system partners worldwide
- A 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

bluesign® SYSTEM - How It Works



bluesign® SYSTEM – Focus Areas

bluesign®



People

- Consumer Safety
- Occupational health and safety



Environment

- Water emissions
- Air emissions
- Waste
- Soil



Resources

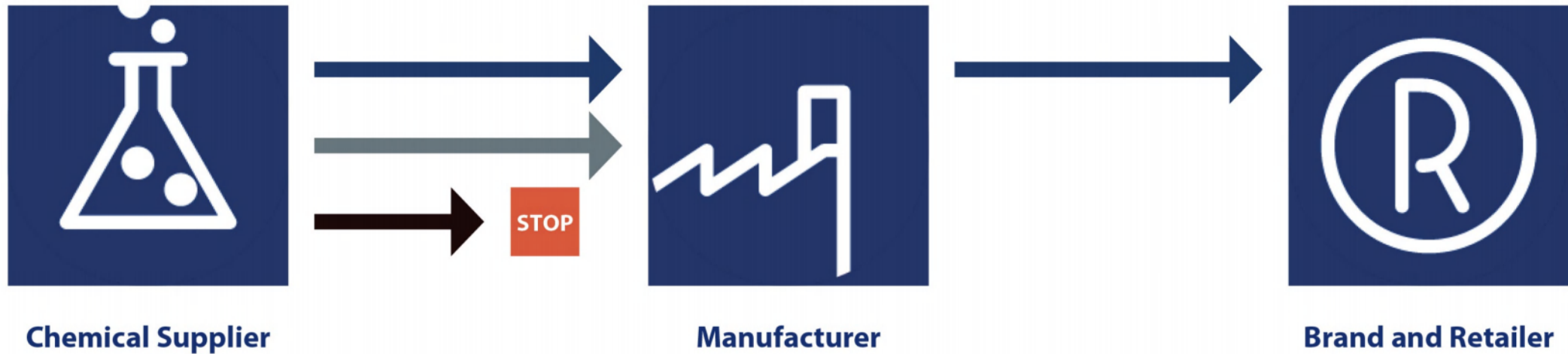
- Energy, water, chemicals, raw materials
- Benchmark



bluesign® system

- Risk minimization
- Reduction of impacts
- Protection of people and the environment
- Resource productivity

Input Stream Management



Chemical Suppliers



Manufacturers

bluesign®



Brands and Retailers

bluesign®



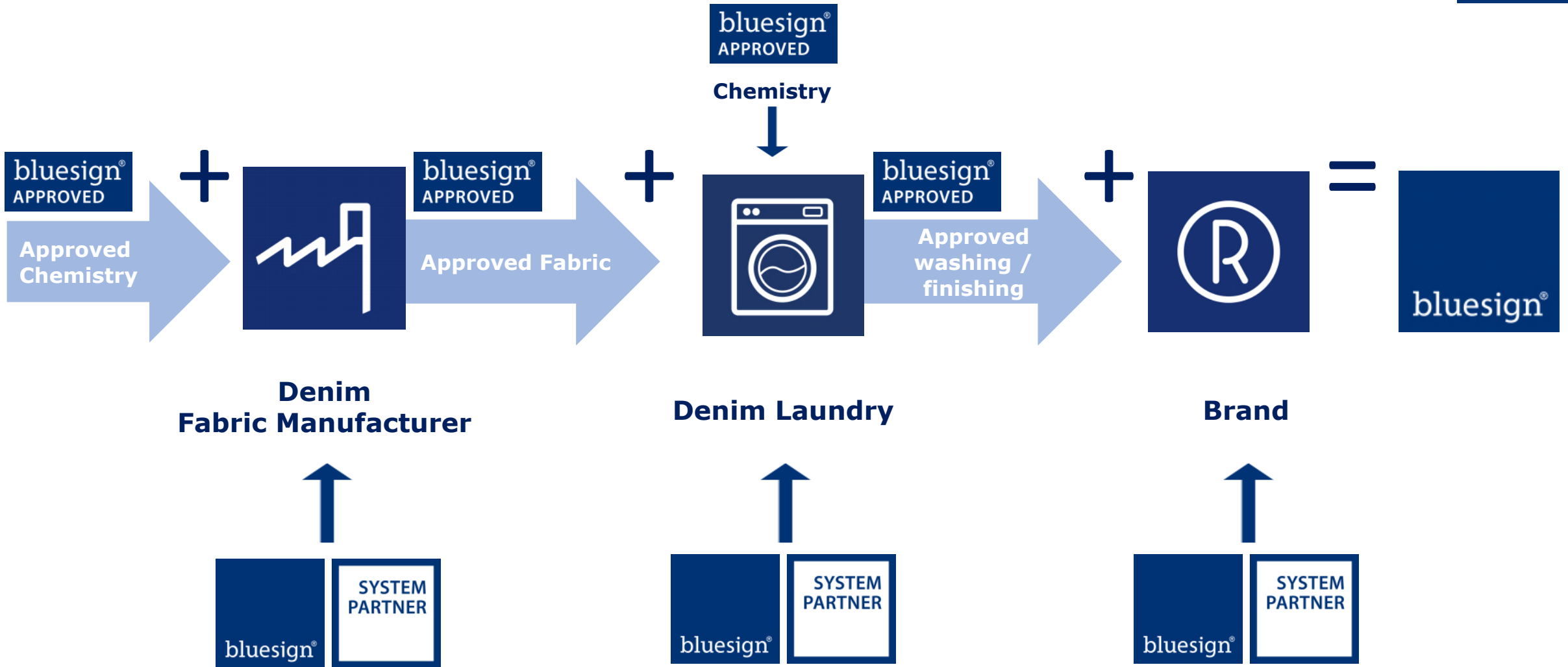


bluesign®

bluesign® DENIM

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bluesign®



DENIM FABRIC MANUFACTURER REQUIREMENTS:

- bluesign® ASSESSMENT
- bluesign® SYSTEM PARTNER
- bluesign® APPROVED chemistry





DENIM LAUNDRY REQUIREMENTS:

- bluesign® ASSESSMENT
- bluesign® SYSTEM PARTNER
- bluesign® APPROVED chemistry

bluesign® CRITERIA for PRODUCTION SITES – Denim Specific



All system partners shall observe the bluesign® CRITERIA for production sites and relevant annexes and implement the following denim-specific principles in their strategy and daily business:

- If indigo is used, only bluesign® APPROVED indigo shall be used in warp yarn dyeing
- Laundry must establish a phase-out plan for hypochlorite at the production site (see *Guidance Sheet Sodium Hypochlorite*)
- Laundry must establish a phase-out plan for potassium permanganate (KMnO_4) at the production site (see *Guidance Sheet Potassium Permanganate*)
- Sandblasting is banned at the production site (see *Guidance Sheet Sand Blasting*)
- Laundry must establish a plan to replace pumice stone washing at the site with other techniques (e.g. enzyme biopolishing, synthetic stones)

bluesign® CRITERIA – bluesign® CERTIFIED DENIM



6.2.4 Requirements for bluesign® certified denim

- The product is apparel in which the outer fabric consists at least of 90% denim
- 100% of the denim fabric must be bluesign® APPROVED
- 90% of the textiles (including the main fabric, pockets, belt loops, etc.) must be bluesign® APPROVED
- A mandatory share of at least 40% bluesign® APPROVED accessories will be applicable starting in 2027
- All components (fabrics or accessories) that are not bluesign® APPROVED must be supplied by a qualified supplier and must meet the brand RSL
- No chlorine bleaching is used to produce the bluesign® certified denim
- No potassium permanganate (PP) is used to produce the bluesign® certified denim
- No pumice stonewashing is used to produce the bluesign® certified denim
- No sandblasting is used to produce the bluesign® certified denim
- No powder-based enzymes are used to produce the bluesign® certified denim
- If an additional claim is applicable for the bluesign® certified denim (e.g. organic cotton; recycled fiber), third party certificates must be available

Thank you for your attention

bluesign technologies ag

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