	1. Resources	2. Extraction	3. Processing	4. Manufacturing	5. Distribution	6. Use	7. End of Life	8. Competitor	9. Government
Stakeholders	**Tier 3**, Farmers	**Tier 3**, Farmers	**Tier 2,** Mills for Yarn production	**Tier 1,** Manufacturers, some include yarn spinning	**Customers** Walmart, Target, Kohls, Amazon	Consumers	General Public	Relationship with Competitors	General Public, investors
Impacts	Systemic Risk in a Non-Transparent Supply Chain leads to negative brand reputation	Cotton Extraction heightens **ESG Emissions**	Use of preferred materials, transportation costs, environmental dyeing impacts	Making clothing products more sustainable can cost more.	KTB acts as a liason between suppliers and retailers, they need to ensure top preformance and supply chain management in order to foster more partnerships and relationships	product design, consumer education, reduction of scope 3	Textile waste management, disporportionally affects developing nations	Industry wide sustainability progress	Increased value for sustainability across the country
Risks	Ignoring resource stewardship at the raw material stage can thus undermine a company's climate and sustainability commitments.	Water scarcity in high-risk regions	Risk of miscommunication between processing and manufacturing capabilites. Vertically integrated with Indigood program, (Not all manufacturers are processors)	-Textile waste from cutting -Inefficient order fulfillment due to turbulent business environments	Customer Relationship Risks Inefficiencies in inventory management, inconsistent timing Turbulent Business Environment Risks	Lack of sustainability awareness among consumers Overconsumption_ excess waste Cost of ownership_ scope 3 emissions	Misuse. People not disposing of their clothing the right way. Brand reputatiomn damage, ESRS compliance	Collision of brand positioning, increased industry competition, reduced competative advantage based on sustainability	Financial disincentives, legal/ regulatory compliance, negative perception of corporate lobbying
Opportunities	Invite regulatory action such as the 2025 Sustainable sourced cotton for KTB, as companies that proactively build traceability and sustainability into their value chain now will be "future-proofing" themselves against these tightening regulations.	Implement a data-base organization software like CocoaWise through mobile banking allows for faster transactions for farmers in developing nations. KTB sources most of their cotton from the U.S. and Africa. Trying to reduce our ESG emissions. AI is good at solving supply chain issues. - Logistical specific software recommendations (CocoaWISE). Pros...	Expand Indigood not only with indigo dyeing fresh water reduction but also with Sulfur dyeing processing	-Transparency and accountability throughout the value chain -Improve order tracking	Removing communication barriers Strengthening relationships with customers to promote future partnerships Optimizing inventory management Traceability- identify logistial inefficiencies Blockchain cryptography, information security, immutability Delegates responsibility Blockchain can help improve load efficiency and reduce costs	QR Marketing to Consumers Consumer education KTB sustainability Repair program (kits and services) Take back program Design for sustainability Durable and enduring life Simple and easily recycled	Recycling Denim... re-wrangle!!!! LEEve no trace, repair kits, repair service	Collaborate with competitors by joining industry wide organizations, invest in sustainability certifications, and shariing sustainable technologies	Raise the bar for corporate sutainability in the apparel indistry, making it more financially feasible to operate responsiblly.
Tactics	Resource mismanagement must be combated with strategic action. KTB should invest in software to track information all the way back to sourcing.	Further integrate software using CocoaWise and WBCSD, Increase tech use in cotton farmers that can then utilze a platform to report location, practices, etc Uses as transparency input (their worldly) but this is implemented to track the farmer specific) - CocoaWISE platform does not allow or horizontal communication	Same approach, different softwares that work with Worldly: Software creates the connection between process and manufacturing Go into Worldly, three softwares for WholeChain	Continue the transparency platform into manufacturing plants, on shipments that track where the cotton, yarn, thread, fabric, and metal comes from. This type of tracing can also apply to amount of water used and emissions produced. Talk about certification and indigood.	Continue the use of QR codes on jeans that has details on the where the item has been throughout the production process.	Implement a consumer portal that is accessible through QR codes on products, would link to DPP, and other sustainability initaitives at KTB	Design for disassembly. Adding some sort of "denim recycling" that allows customers to bring their jeans back and get store credit. Also possibly putting repair kits in clothing packaging. Prepared to meet data requirements like the EU Digital Product Passport	Market the Indigood program to competitors to proft from industry wide sustainability. Also participating in industry wide coalitions and certificiations that raise the bar for sustainability in the industry.	Sustainable policy and public advocacy. Push governments for more incentives for sustainability such as grants or subsudies for sustaible projects and iniatives throughought differents countries governments. Push for government owned certifications that are cheaper then independent companies such as b-corp where it is costly.