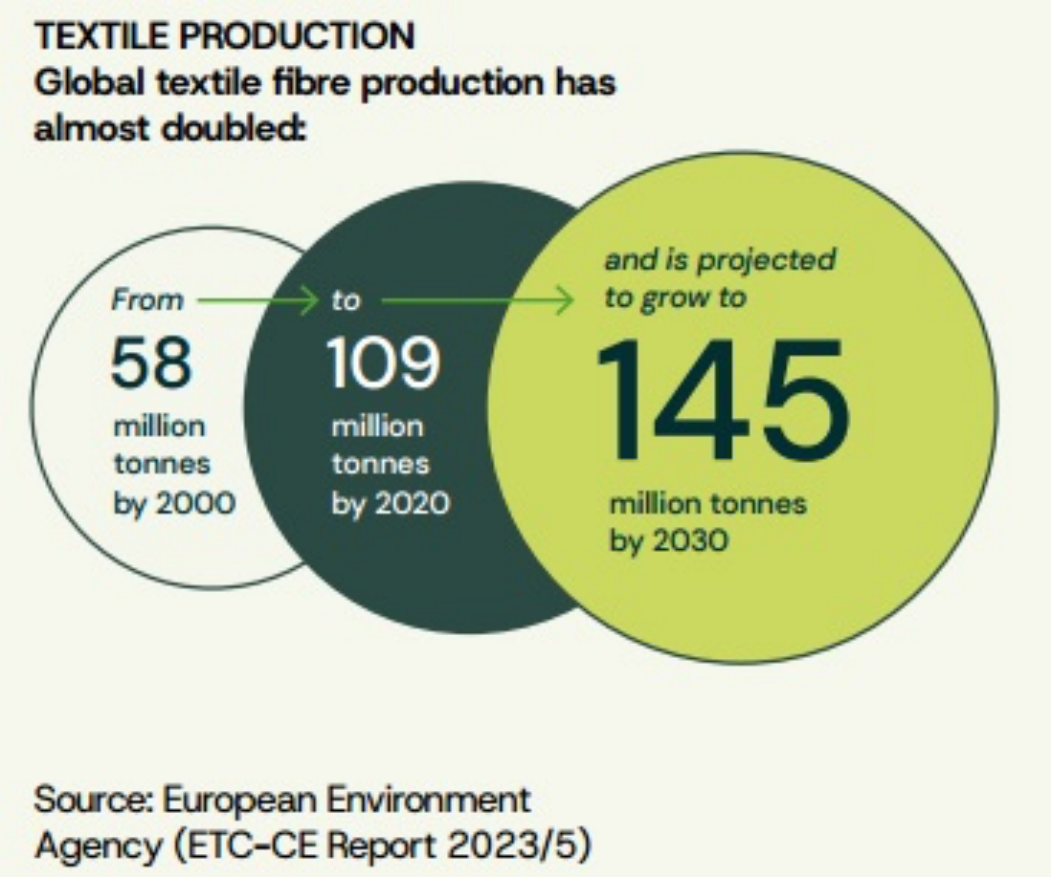
Traditional ESG Impacts of the Textile Industry

Currently, the textile industry accounts for 10% of global emissions - greater than international flights and maritime shipping combined. Textile dyeing and finishing processes are some of the most polluting manufacturing processes on the planet, responsible for over 3% of global CO2 emissions and over 20% of global industrial waste water pollution. If business as usual persists, by 2050 the textile industry is projected to represent 25% of the global carbon footprint.

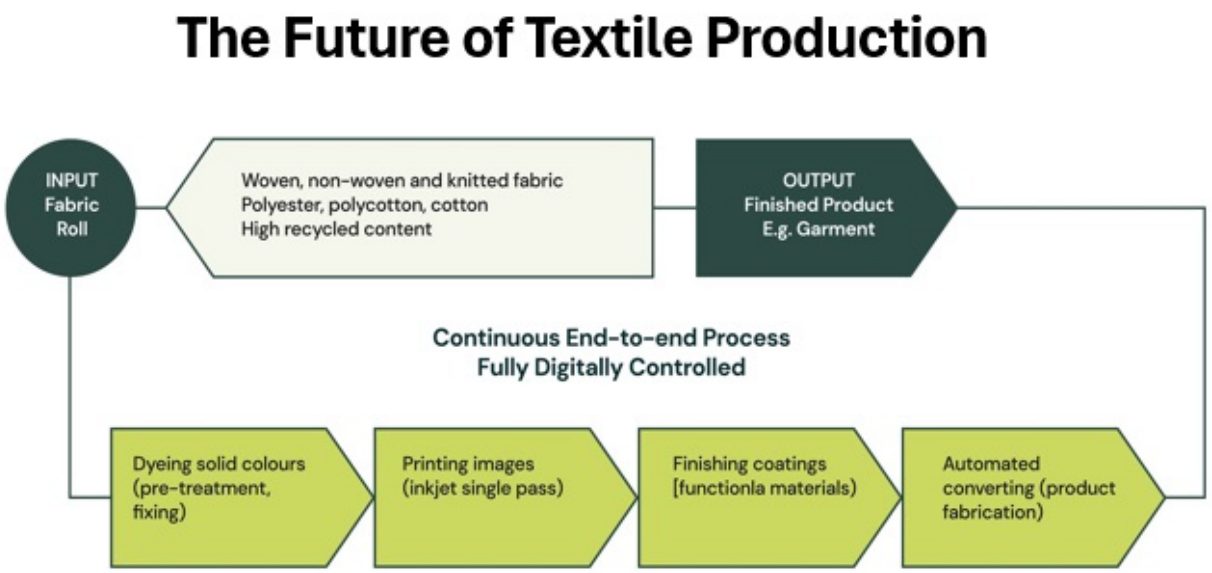


ESG - (Environmental, Social, and Governance)

Industry Focus is Changing

Many leading brands are answering the call and working to create favorable ESG initiatives and developing more environmentally friendly manufacturing and dyeing processes. Technology and research are playing a key role in making the textile industry more sustainable. The United Nations Framework Convention on Climate Change's (UNFCCC) Fashion Industry Climate Action Charter sets targets to degas supply chains and halve greenhouse gas emissions by 2030 and to achieve net zero

emissions by 2050. Using science-based targets (SBT), the initiative outlines a roadmap for reducing emissions in line with the Paris Agreement.
The Fashion Charter also sets out targets to ensure that 100% of electricity comes from renewable sources with minimal other environmental or social impacts by 2030, owning and exploiting emissions, and putting more emphasis on brands working with their suppliers to reduce emissions.



Digital Textile Manufacturing Technologies' Disruptive Potential

Join IMI & Alchemie Technologies' **Digital Textile Manufacturing Technologies Conference 2024< June 10-11 in Charlotte, NC** to learn how disruptive digital textile manufacturing technologies will be key incentives and drivers for meeting brand owners' goals, reducing environmental impacts, and enabling
more profitable production by:
– Growing demand for more sustainable production
– Enabling economical shorter runs & less inventory
– Immediate & dramatic reduction of environmental impact
– Lowering energy consumption
– Reducing cost & yielding short-time ROIs
– Reshoring & enabling regional on-demand production
– Enabling more profitable production
– Delivering immediate/dramatic environmental & cost benefits

For more information see https://imiconf.com)