

The chemical imbalance between suppliers, brands and consumers

Consumers want to buy more ethically, yet hazardous chemical usage within supply chains is prevalent and the costs involved in switching to more sustainable operating models remains prohibitive

SUPPLIERS

Suppliers must take more responsibility for the processes and chemicals they choose:



Chemical pollution is turning into a 3rd great planetary crisis
(“New Scientist”, Lawton, 2021)

50%



50% of factories’ chemical inventories are currently unaccounted for



8,000 chemicals are used to turn raw material into textiles

400 million tons



Man-made chemicals have increased by **40,000%** in just one generation

14% English rivers



Only **14%** of English rivers are of a good ecological standard
(Environment Agency 2019)



BRANDS

Brands need to take more accountability for the suppliers they work with and provide transparency for consumers:



£7.1b

UK retailers cancelled **£7.1 billion** in contracts across the last 12 months with suppliers that do not meet “stringent ethical and sustainable standards” *(Barclays study)*

96%

of all manufactured goods are directly touched by the chemicals industry
(Energy.gov)

56%

of Chief Procurement Officers consider sustainable sourcing to be a key strategic driver of doing business going forward *(McKinsey)*



The highly persistent, toxic chemicals are more commonly being found in both our soil and seas, being hazardous to people and the planet
(toxicfreefuture.org)



67% of the 700 chemicals do not comply with the EU’s key chemical safety regulation REACH *(European Chemicals Agency)*



2/3rd of brands expect sourcing price increases due to sustainability criteria *(McKinsey)*

CONSUMERS

Consumers must consider their sustainability impacts when choosing products:



Of the more than **40,000** chemicals used in consumer products in the US, less than **1%** have been rigorously tested for human safety *(Environmental Protection Agency)*



Dyeing processes typically involve over **1,600** different chemicals



Clothes are not the only source of toxic chemicals in our daily lives. Other consumer goods like toys can also be hazardous with over **140** different chemicals that can be used in the production of plastic

90%

of all chemicals in consumer products that are non-compliant with REACH come from outside of the EU *(cefic.org)*

67%

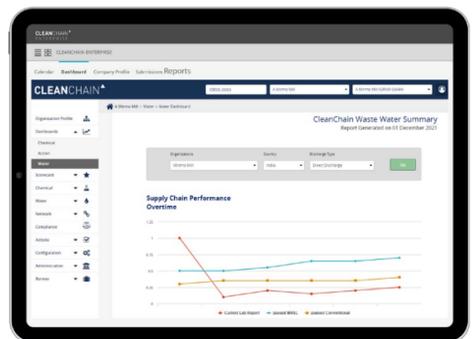
% of consumers now pay attention to the environmental impacts of their clothing *(McKinsey)*

87%

of consumers will buy a product with social environment benefits *(CSR Study)*

Technology can help Suppliers & Brands do better

CleanChain, provides one secure and centralized platform to record and track your chemical, wastewater and regulatory compliance metrics across multiple standards and regulatory requirements.



KEY FEATURES

- ▲ One system to manage and track all of your inventory, reducing risk across your value chain
- ▲ 24/7 customer support via a multilingual helpdesk for global teams
- ▲ Link to third-party standards, systems and accreditation schemes to increase your compliance

To monitor the progress of your value chain’s sustainability commitments learn more about CleanChain.

[Learn more](#)