

Proving Regenerative Agriculture from Farm to Fashion

Regenagri and Haelixa combine regenerative certification with DNA-based verification to provide double assurance across fashion and textile supply chains. The programme links certified farms to finished products through a forensic DNA marker that proves origin, authenticity, and compliance

Why It Matters Now

- Double assurance through certification plus scientific proof of origin
- Simple integration with one spray step at the gin
- Detects blending and substitution that documentation alone cannot reveal

A Collaboration That Strengthens the Industry

Regenagri provides a globally recognised regenerative agriculture certification and traceability through transaction certificates system that measures improvements in soil health, water efficiency, biodiversity, and carbon outcomes.

Haelixa adds a natural DNA marker applied to Regenagri-certified fibre at the ginning stage, creating a forensic identity that remains intact through every processing step.

How It Works

Mark



Apply a unique natural DNA marker to Regenagri-certified fibre at the ginning stage, witnessed by an approved auditor.

Verify



Test yarn, fabric, or garments using qPCR analysis in authorised laboratories to confirm authenticity and detect blending.

Validate



Matching DNA results confirm origin, enabling Regenagri to issue a Traceability Assurance Certificate alongside standard Transaction Certificates.



Get in touch to learn how we can support your supply chain.

Proving Regenerative Agriculture from Farm to Fashion

Compliance & Risk Protection



EU: Green Claims Directive, CSRD, CSDDD, and EPR require verifiable, science-based substantiation



US: Uyghur Forced Labor Prevention Act (UFLPA) demands credible proof of origin



Evidence You Can Trust



Haelixa's proven technology, which has already traced over 60 million garments globally, now underpins Regenagri's existing traceability and certification program, combining measurable regenerative impact with additional DNA proof of origin.



The method is recognised in both EU and US regulatory contexts as a science-based means of substantiating environmental and origin claims.



The system integrates seamlessly into existing spray infrastructure at gins and has already demonstrated large-scale performance across multiple fibres.

Physical traceability supports audits, prevents false claims, and reduces legal, financial, and reputational exposure

Get in touch to learn how we can support your supply chain.