



DE LACEY[®]

2024/25 Sustainability Report

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de Lacey has always put nature at the centre of our brand, therefore sustainability, too, is at our core.

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The following report is a review of our current position, in which potential issues and associated key performance indicators are identified to help us achieve our sustainability goals for 2026.

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About Us

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de Lacey is a luxury Irish brand, located in Baltimore, West Cork. The Irish Rose Essential Oil Company Ltd. Is the owner of the brand name 'de Lacey'.

The company is independent, family owned and the suppliers we partner within Ireland, the UK and Italy are small independent companies, artisans and family run firms.

Within Ireland we retail our art, silk scarves and perfume exclusively through our website <https://delaceyireland.com> and through the Rose Garden Gallery, Baltimore, which we open for events during the summer months.

DE LACEY®

WHY?

We combine artistry and design to create unique luxurious products which enhance how people feel about themselves and augment their lifestyle.

OUR MISSION

Our mission is to encourage a culture of creativity to drive innovation of our products and services; to help us become more sustainable; and adapt to future challenges and opportunities.



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Priority Issues

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CLIMATE CHANGE RISKS AND ADAPTATION:

Because of the location of de Lacey in rural West Cork. Mitigating the risk of climate change (storms, flooding) is a priority issue. As well as that, increased frequency and severity of storms impact the transportation of products. Silk production abroad is also at risk from climate change, mulberry trees are used as a primary food source for silk worms and are negatively affected by excess rain or drought. Temperature fluctuations have also been shown to impact silk worm behaviour.

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ENVIRONMENTAL ETHICS AND HUMAN RIGHTS:

One of de Lacey's values is working with artisans to produce products in order to support traditional arts and craft skills for the future. Along with this, ensuring everyone along the supply chain is treated fairly is a top priority when ensuring sustainability.

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EMISSIONS REDUCTION:

de Lacey designs silk scarves. There are GHGs emitted during the silk lifecycle so aiming to counter that by reducing carbon emissions elsewhere in the supply chain is a priority.

TRANSPARENCY AND TRACEABILITY:

Both transparency and traceability in the supply chain ensures that Tier 1 and Tier 2 suppliers align with de Lacey's values and current or potential sustainability regulations. This will enable us to be fully transparent following information enquiries from purchasers and the wider community.

SOURCING MATERIALS:

Where materials are sourced is a key step in ensuring sustainability standards are met. It is important to verify that all materials used by suppliers are responsibly sourced and everyone along the supply chain is being treated and paid fairly.

PACKAGING DESIGN AND WASTE:

Ensuring packaging is high quality and therefore reusable is important to reduce excess waste and promote a circular economy. We value long lasting, high quality products and our packaging reflects this.



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Our Products

PERFUME

Our perfume complies fully with IFRA (International Fragrance Association) standards and is recorded on the Cosmetics Product Notification Portal (CPNP) which is mandatory for any cosmetic including perfume products available for sale in the EU to meet the Regulation (EC) No 1223/2009.

SILK SCARVES

Our Tier 1 silk suppliers are located in the UK and are an independent family firm. We have visited their premises and observed the working conditions.

ART

The paints and canvases used are made by a B Corp certified company. All materials used to frame artworks are of the highest quality.



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Our Packaging

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BOXES - The boxes are made in the UK and are PET laminated so cannot be recycled. They were chosen because our business is in a coastal area of high humidity, which they withstand in storage, they do not fade with light exposure and are designed to be a quality item which will be retained and repurposed by the customer. Hence not single use or short life span. The factory has a SMETA 4-Pillar Audit (Labour Standards, Health & Safety, Environment and Business Ethics). All four pillars take into account legal requirements, international standards and good practice. The factory also sends all waste-paper and board for recycling. The supplier is REACH certified.

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PROTECTIVE WRAP - We buy in paper protective wrapping for our paintings from an Irish company in partnership with FSC and REPAK. Any bubble wrap used is reused from received deliveries and not bought in. We aim to reuse any packaging we receive and aim to have zero waste from plastic packaging.

BAGS - Our luxury bags are supplied by a UK company with longevity in mind and are intended to be reused and repurposed. They are made with laminated American board which while reusable is not recyclable.

PERFUME BOTTLES - The bottles are made from glass in Italy with crimped metal caps. Because the caps are crimped the bottles cannot be reused. We are currently looking into moving to refillable bottles for <20ml for the home market.

PERFUME BOXES - Our perfume boxes are made by hand by artisans in Cork, Ireland. We have attended the work place and work closely with them.



Issue Lifecycle

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Supply chain transparency and traceability



Sourcing of materials



Packaging design and waste



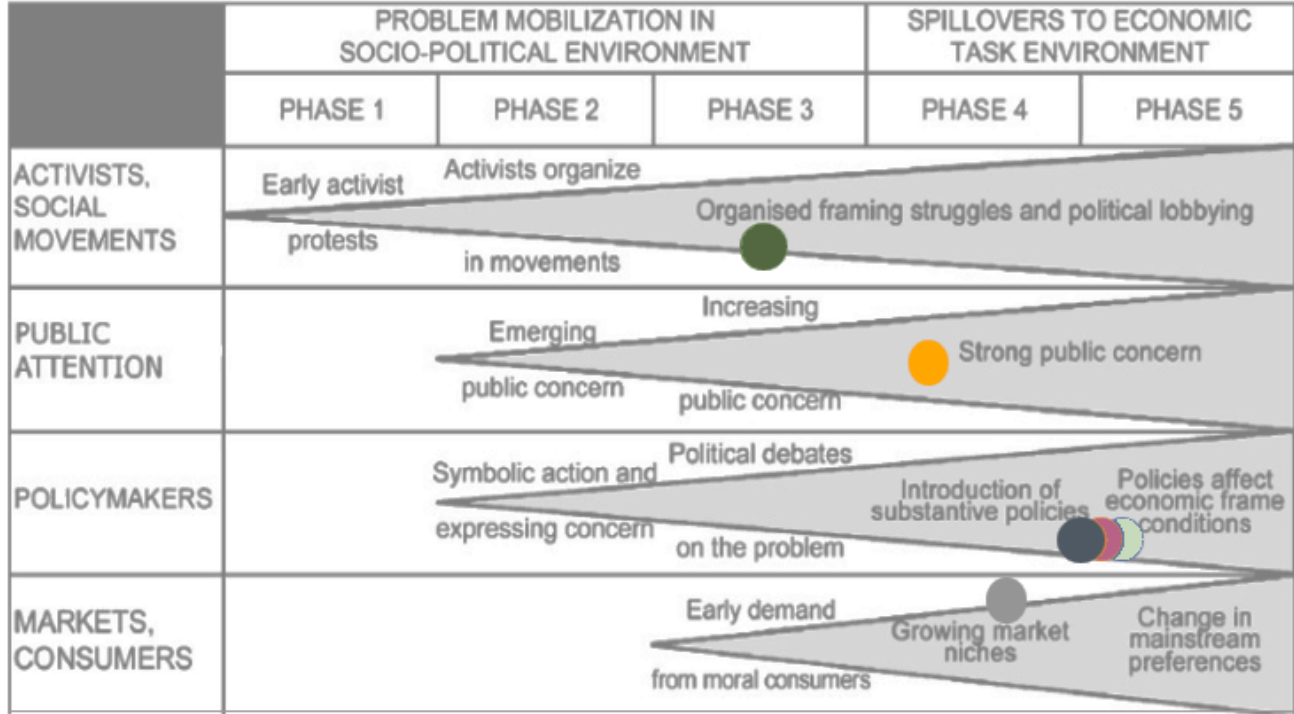
Climate change risks and adaptation



Environmental ethics and human rights



Emissions reduction



ESG Risks and Opportunities

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Environmental

GHG emissions

Water usage reduction and conservation

Waste reduction

Climate change

Sourcing of raw materials

Environmental responsibility

Social

Diversity and inclusion

Stakeholder engagement

Brand reputation

Governance

Ethical labour practices

Regulatory compliance

Business ethics

Supply chain transparency

Current trends:

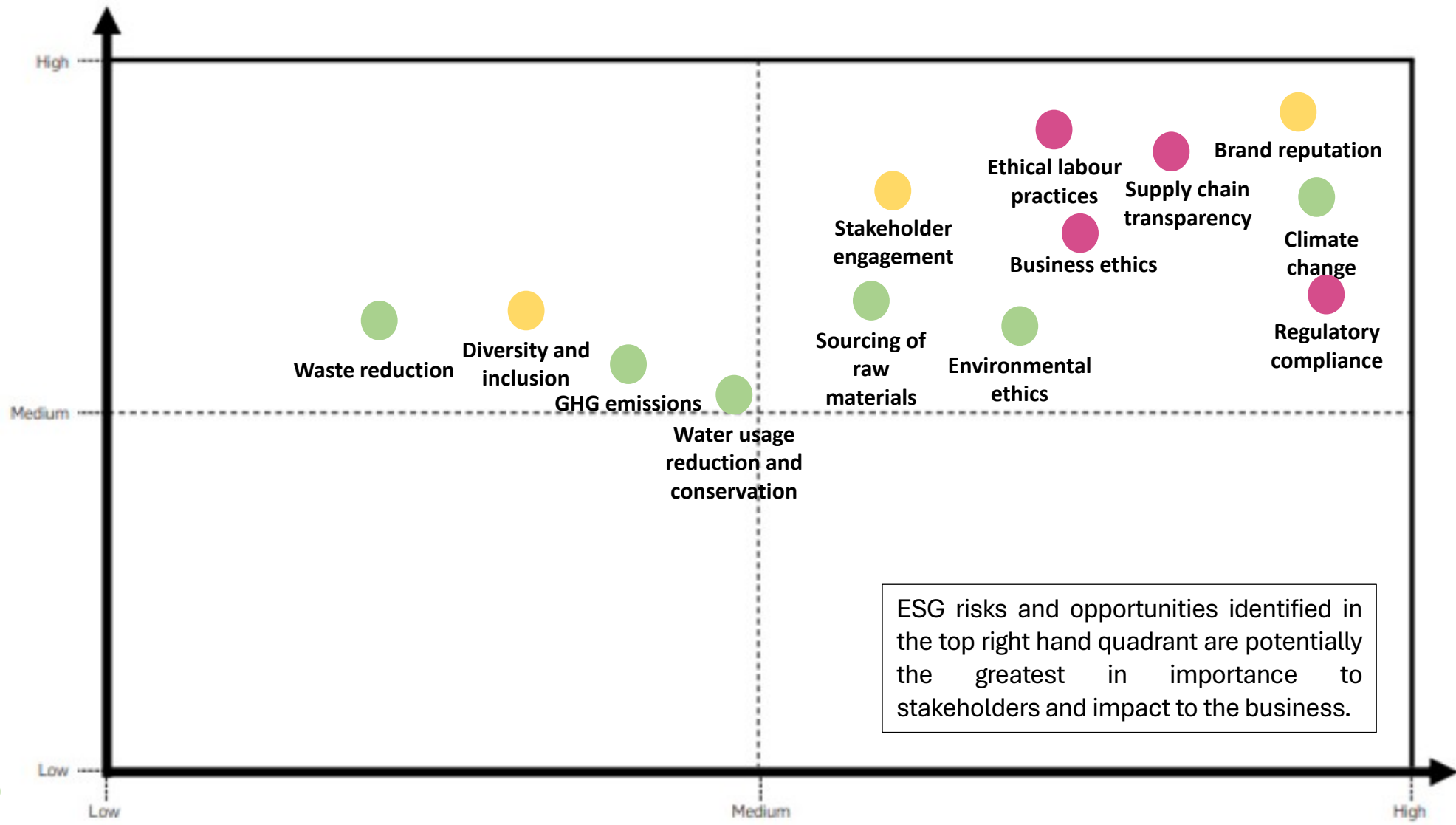
- **Brand reputation (luxury sector)** - A survey done in 2024 found that 77% of European luxury consumers considered sustainability to be an important purchasing factor. (Sabanoglu, 2024)
- **Regulatory compliance (perfume)** – Ongoing changes in EU regulations surrounding fragrance ingredient guidelines are impacting the production of perfume e.g. IFRA (International Fragrance Association) 51st amendment to their standard. (IFRA, 2023)
- **Environmental responsibility (art)** - There is a current trend emerging encouraging artists to adopt more environmentally friendly acrylic paints. (Visual Artists Ireland, 2024)
- **GHG emissions, Water usage reduction and conservation (silk)** – Silk producers need to work towards sustainable, low water and low carbon footprint ways of producing silk to meet consumers expectations.



Materiality Assessment

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Importance to Stakeholders



ESG risks and opportunities identified in the top right hand quadrant are potentially the greatest in importance to stakeholders and impact to the business.

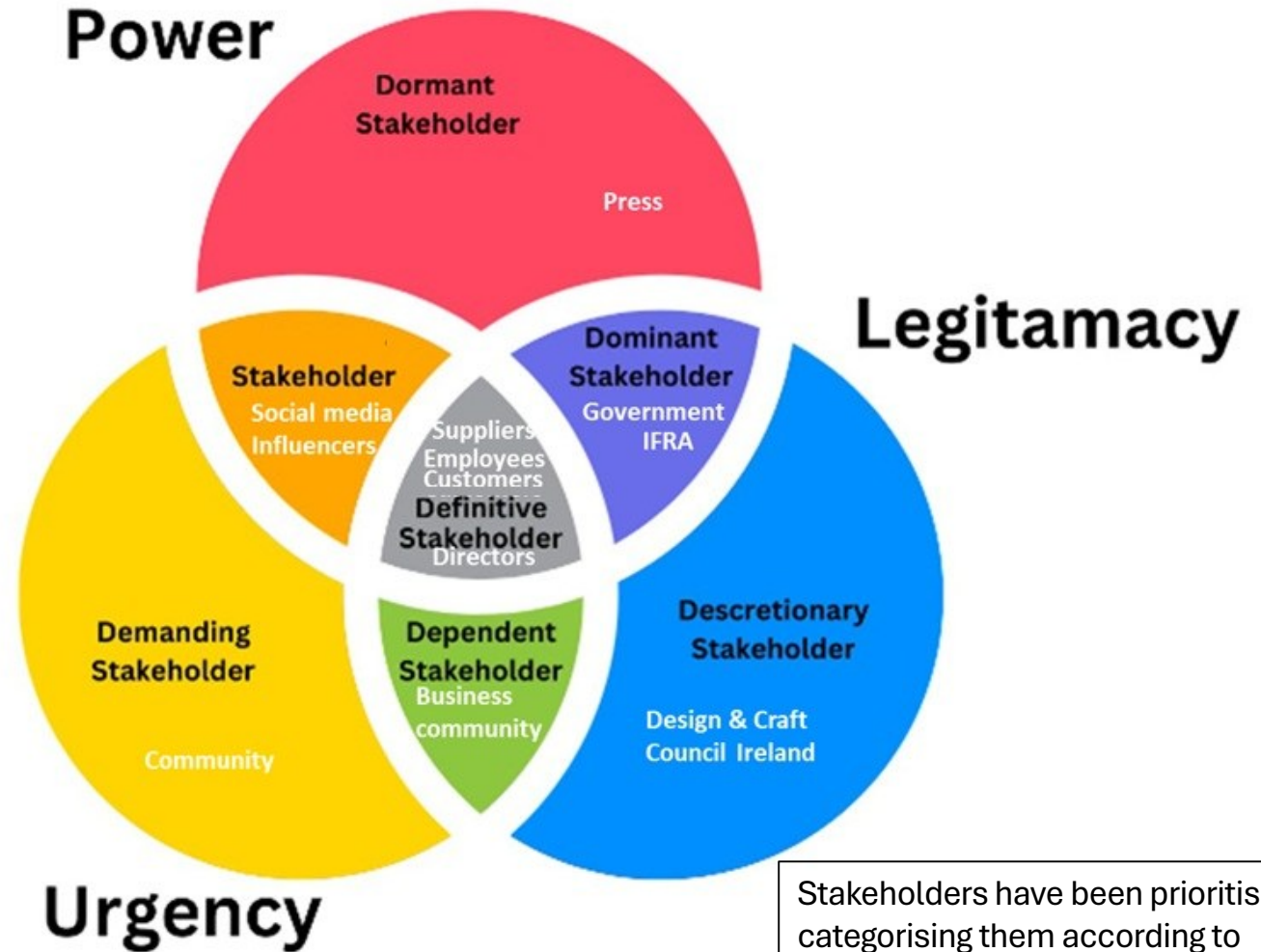
Environmental: ●
Social: ●
Governance: ●

Impact to Business

- GOVERNMENT**
- DIRECTORS**
- EMPLOYEES**
- COMPANY SERVICES:**
 - Accountant
- SUPPLIERS:**
 - Silk printers
 - Perfumer
 - Framers
 - Packaging suppliers (box, bag, paper)
- Perfume box makers
- Perfume bottle engraver
- Framer
- PARTNERSHIPS:**
 - Design & Crafts Council Ireland
- REGULATORY:**
 - IFRA
- CUSTOMERS**
- COMMUNITY:**
 - Hotels
 - Tourists
 - Residents
- BUSINESS COMMUNITY**
- MEDIA**
 - Press
- SOCIAL MEDIA:**
 - Influencers

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Stakeholder Salience



Stakeholders have been prioritised by categorising them according to salience. Our suppliers, employees and customers are our top priority stakeholders.

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KPIs

Invest in projects to offset carbon emissions created during the supply chain.

Silk production produces carbon emissions so offsetting that is key to reducing environmental impact. (1.88kg CO2e per 1 meter of fabric, Jiang T et al, 2012). According to the Tree Council of Ireland, a ten year old ever green tree absorbs 14kg of CO2 per year. We will plant ever green trees on our site to offset calculated carbon emissions from silk production. (treecouncil.ie)

Reduce carbon emissions by moving to an electricity supplier who uses more renewable energy sources by Q1 2026.

Based on the Fuel Mix Disclosure and CO2 Emissions 2023 by Commission for Regulation of Utilities, our current electricity supplier ranks last in terms of renewable energy sources. We will address this by moving to a more renewable supplier.

Feasibility study of reusable packaging in Q2 2026.

Although our bags and boxes are reusable, our perfume bottles are not. Because reusability is important to us, examining the feasibility of reusable perfume bottles is a priority.

Reduce mains water usage for rose garden by 70% in 2026.

Reducing the amount of blue water usage is influential in decreasing our water footprint. Conserving rain water to use for our rose garden is key when faced with increased droughts due to climate change.

All Tier 2 suppliers to be identified by 2027.

Transparency and traceability was highlighted as a priority issue. Currently, Tier 2 supply chain traceability is incomplete. This will help us identify any environmental or social risks in our supply chain.

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Carbon Footprinting

Scope 1

Zero Scope 1 emissions for 2024.

Scope 2

Electricity

Approximate gCO2/KWh – 312 g (Climate Toolkit 4 Business, 2024)
Average gCO2 emissions per month 2024 – 0.209 tCO2

Heating

Approximate gCO2/Litre – 2,816.42 gCO2 (Climate Toolkit 4 Business, 2024)
Average tCO2 emissions 2024 – 2.816 tCO2

Scope 3

Shipping within and outside Ireland with An Post

To be estimated.

Silk production

Total tCO2 emissions 2024 - 0.049 tCO2e

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Water Footprinting

Our Water Footprint:

Green water – Rain water used for plant growth.

Blue water – Business water use (46.524m³ for half year 2024) and supply chain use.

Grey water – Not metered.

Silk Dyeing – The dyes used in our silk scarves are acid dyes. As part of the fixation process, they are steamed.

Presence of acid dyes in the effluent is low because of high degree of exhaustion and fixation. (Chaven, 2011)



Principles of this report

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- **Completeness:** Every step along the value chain was taken into consideration. This included, how the raw materials were made, their environmental impact and what happens after our products are used. A combination of research and information given by our tier 1 suppliers was used.
- **Operating context:** For this report, ESG risks and opportunities were assessed and used in a materiality matrix (p.9 & 10). Current trends were also assessed using information gathered online (p.9).
- **Materiality:** When deciding on ESG risks and opportunities and placing them on the materiality matrix, discussions took place with other stakeholders how they felt certain issues affected them. The issues that ranked lower tended to be issues that were more important to stakeholders than impactful on the business. The results of the materiality assessment factored into which KPIs were then chosen.
- **Alignment:** The priority issues outlined on p.5 overall corroborated with the results of the materiality assessment. Issues such as climate risks, ethics and transparency ranked highly on the matrix. Other issues however ranked lower but were still considered a priority due to the nature of the company and its values surrounding sustainability. The KPIs were chosen to reflect priorities as well as values.
- **Stakeholder engagement:** All stakeholders were identified and categorised based on salience. High priority stakeholders included suppliers and customers.
- **External assurance:** Information was gathered from a wide range of sources including from tier 1 suppliers (see bibliography p.16).
- **Balance:** The report contains both positives and negatives. Current trends outlines issues that may impact the brand negatively but also could encourage new positive action.



Bibliography

- i.
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Chavan (2011) Environmentally friendly dyes, in Handbook of Textile and Industrial Dyeing , Woodhead Publishing,

Climate Toolkit 4 Business. (2024). *Climate Toolkit 4 Business | Zero Carbon Journey*. [online] Available at: <https://climatetoolkit4business.gov.ie/>

ifrafragrance.org. (n.d.). *IFRA Standards Library*. [online] Available at: <https://ifrafragrance.org/safe-use/library>

Jiang T, Chen ZY, Yao TT, et al. Product Carbon Footprint (PCF) Assessment of Gambiered Canton Silk. *China Dyeing & Finishing* 2021; 38(8):

Tree Council of Ireland *Carbon Footprint* [online]treecouncil.ie Available at: <https://www.treecouncil.ie/carbon-footprint>

Sabanoglu, T. (2024). Consumer opinions on the luxury brands' adoption of sustainable luxury policies in Europe from 4th quarter 2021 to 1st quarter 2024 [online] Statista. Available at: <https://www.statista.com/statistics/1290833/consumers-view-on-sustainable-luxury-europe/>

Visual Artists Ireland. (2024). *Sustainable Art Practices: Some Thoughts for Visual Artists*. [online] Available at: <https://visualartists.ie/how-to-manual/sustainable-art-practices-some-thoughts-for-visual-artists/>



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