

GREENR:
Environmental Impact Scorecard

Report for DESCATUK Pvt Ltd
(Dev Ethical Sustainable Crafts and Textiles)





Financial Year 2023-24



Estimated total emission of DESCATUK Pvt Ltd

Kg CO₂-eq, estimated for the financial year 2023-24

Net emissions consider emissions avoided – that would have been released in the absence of the company operating – and add emissions released as a result of the company operating. A negative score means that global emissions have likely been reduced as a result of the company operating

	Emissions avoided	-1,908	Emissions avoided consider emissions that would have been released in the absence of the company operating. In this case, emissions are estimated for the following: <ul style="list-style-type: none"> • The emissions that the virgin production of linen yarn would have emitted. • The emissions that the virgin production of linen fabric would have emitted.
	Emissions added: Scope 1 and 2	697	Emissions released by DESCATUK Pvt Ltd in the activities of producing HimGra Yarn and HimGra Fabric , through owned sources of combustion (e.g. vehicles, air conditioning and machinery) and purchased electricity .
	Emissions added: Scope 3 (Relevant)	1,051	Emissions released by upstream and downstream third parties across the value chain of DESCATUK Pvt Ltd. This includes Upstream transport and distribution and Purchased goods and services . Other categories were considered immaterial.
	Estimated net emissions	-160	Estimated total carbon emissions mitigated by replacing conventional linen yarn and linen fabric with HimGra yarn and HimGra fabric , in the Financial Year 2023-24 based on data provided by DESCATUK Pvt Ltd.
	<i>Additional emissions released, excluded from net emissions</i>	222	<i>Emissions from downstream transportation and distribution of Products (i.e. delivery of product to consumer), as assumed to be equivalent for both conventional alternatives and products sold by Firm DESCATUK Pvt Ltd</i>

NOTE: All estimations are based on data reported by the company. Emission estimations are only as accurate as the data provided. Technoserve, J-PAL and the IKEA Foundation take no responsibility for errors or inaccuracies resulting from misreported data by the company.

Scope 3 emission categories are estimated only for selected categories based on relevance and materiality, at the discretion of the research team

Methodology to estimate emissions avoided: Natural Fibres

Emissions avoided

-1,908 kg CO2-eq

Emissions that would have been released in the production of virgin linen yarn and linen fabric in the Financial Year 2023-24, which have been replaced by HimGra-based yarn and fabric sold by the company, based on data provided by DESCATUK Pvt Ltd

Methodology

- Emissions avoided consider emissions that would have been released in the absence of the company operating.
- Emissions are estimated for the amount of GHGs that would have been emitted had the HimGra Yarn and HimGra fabric not replaced the conventional linen yarn and linen fabric.
- Emissions are estimated for the production and supply of conventional virgin linen fabric and linen yarn replaced by HimGra Yarn and HimGra Fabric.
- Emissions for Linen Yarn=EF for linen yarn x kg of HimGra yarn sold x {(Conventional yarn linear density)/(Sold yarn Linear density)}.
- Emissions for Linen Fabric=EF for linen fabric x kg sold of HimGra fabric sold x {Conventional fabric GSM/sold fabric GSM}.
- Total net emissions avoided = Emissions avoided of linen yarn+ Emissions avoided for linen fabric.

Assumptions

- HimGra is a natural hollow fiber made from a wild perennial Himalayan Grass grown without fertilizer and pesticides at high altitude regions of the Himalayas
- For HimGra (Himalayan Grass grown in Himalayan regions)- Irrigation, field preparation is not required for wild growth, it is naturally grown and is 100% biodegradable and is herbal dyed.
- Customers of DESCATUK Pvt Ltd yarn and fabric would have otherwise purchased conventional linen yarn and linen fabric sold in the market.
- DESCATUK Pvt Ltd sold 472.5 kg of yarn, that replaced 100% linen yarn of same linear density from the market
- DESCATUK Pvt Ltd sold 269 metres of fabric (width 1.5 m) of average GSM 160, that replaced 100% linen fabric of 140 GSM from the market

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About Greenr

Greenr Sustainability Accelerator, a TechnoServe initiative in partnership with IKEA Foundation, is a one-of-a-kind accelerator, solely nurturing high growth businesses disrupting the Environment Action space. We help identify and execute strategies needed to build resilient revenue models and world-class enterprises alongside the most promising Environment Action Entrepreneurs. Our aim is to restore the environment and uplift communities around the world by unlocking the potential of scale-bound startups. Over the next 3 years, Greenr will work with ~400 small and growing businesses (SGBs) creating substantial economic and environmental benefits to low income communities.

An important part of this initiative is to provide participating SGBs with an Environmental Impact Scorecard that attempts to quantify carbon emissions avoided. It is based on self-reported data from the companies themselves and impact is calculated using the best available methodology by J-PAL. The project partners, listed below, are committed to making this important tool available to project participants, but rely on those participants to provide accurate data used to generate the report. Helping these participants to improve the quality of the data they provide over time is an important goal of the project.

Partners

