



Birla Cellulose
Fibres from nature

Birla
purocel[™]
because we care

Birla Cellulose is Carbon Neutral

Birla Cellulose is Carbon Neutral in Scope 1 and Scope 2 emissions

Birla Cellulose, pulp and fibre business of Aditya Birla Group has evaluated its carbon emissions across the entire global operations and is the **first viscose manufacturer** to declare carbon neutrality in Scope 1 and Scope 2 Greenhouse Gas (GHG) emissions. This achievement is a result of years of work done in creating energy-efficient processes, using renewable energy and ensuring net positive growth of the forest cover directly managed by Birla Cellulose.

Mr Dilip Gaur, Business Director - Pulp and Fibre Business, Aditya Birla Group informed that Birla Cellulose applies **highly energy-efficient, closed-loop** processes at its facilities that help it recover natural resources and reduce its GHG impact. The pulp manufacturing units **derive between 83% and 93% of the energy requirements from renewable sources**.

GHG Study Report

Total Scope 1 and Scope 2 GHG emissions were found to be 3.22 Mt CO₂e, and the total net sequestering was 3.44 Mt CO₂e at forests directly managed by Birla Cellulose, completely offsetting Scope 1 and Scope 2 emissions. The data of the Financial Year 2019 (April 2018 to March 2019) was used to conduct the evaluation. The GHG emissions evaluation includes all 12 Birla Cellulose sites, including 5 pulp plants (3 in Canada, 1 in Sweden and 1 in India) and 7 fibre plants (4 in India, 1 each in Indonesia, Thailand and China). The evaluation was done through the Greenhouse Gas Protocol Initiative standard, and the carbon sequestering was evaluated via the IPCC (Intergovernmental Panel for Climate Change) guidelines. The GHG evaluation study was validated and assured by Ernst and Young (EY), India.

Birla Cellulose 1st to do Scope 3 Evaluations in MMCF industry

Birla Cellulose is the first in MMCF industry to do the Scope 3 greenhouse gases which were a part of this very comprehensive exercise using GHG Protocol Corporate Value Chain accounting and reporting standards (Scope 3). The Scope 3 included purchased goods and services, fuel and energy related activities, upstream transportation and distribution, waste generation in operations, business travel, and downstream distribution. The total Scope 3 greenhouse gases were evaluated to be 2.01 Million tCO₂e for Birla Cellulose.

Birla Cellulose plans to further cut GHG intensity

Birla Cellulose is preparing its plan to further reduce its GHG intensity by implementation of energy efficient technologies, increasing the use of renewable energy, improving energy efficiency of its supply chain, and increasing carbon sequestering in collaboration with its strategic partners.

This initiative is aligned to the Birla Cellulose business sustainability strategy, India's commitment at Paris Accord and the Aditya Birla Group initiatives to reduce its greenhouse gas emissions.

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Birla Purocel

Birla Purocel is a nonwoven fibre brand of Birla Cellulose. Birla Purocel is a 100% nature-based nonwoven fibre, ideal for personal care, hygiene and medical usage and next-to-skin applications. Purocel offers a wide range of fibres for nonwoven applications with a focus on sustainability, innovation and partnership. For more information about Birla Purocel, please visit www.purocel.com