

Industry-leading sustainability



Sustainable Operational Excellence (SOE)

SOE is our sustainability strategy. It influences every decision we make, from designing and operating our plants to interacting with our customers, our employees and the communities in which we operate.



Bending towards circularity

Circular thinking is as important to us as our customers. We have aligned with the Ellen MacArthur Foundation to assess the circularity of our business by utilizing their Circulytics tool. In 2020, we received our first ever score and feedback from the Circulytics Method to measure our circularity against their three guiding principles: 1) design out waste and pollution; 2) keep products and materials in use; and 3) regenerate natural systems.



Our People

We encourage everyone at Birla Carbon to be their best, so we can be more innovative and efficient in everything we do. We encourage a culture of responsibility that promotes the health, safety and wellbeing of our employees and the communities in which we operate.

Our Product

We are committed to producing a consistent supply of world-class carbon black for our customers, while working to reduce our environmental impact and ensuring our product generates social value.

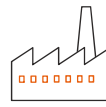
Our Process

We strive to be a responsible steward of the environment by optimizing the conversion of carbon to carbon black, minimizing our CO₂ emissions and maximizing the recovery of energy generated during our manufacturing process. But more than that, all our processes, from procurement to recruitment, must be best in class to achieve SOE.

Key facts



12 countries



16 manufacturing sites



2,500 employees



>2 Mt annual production capacity

Addressing our FY2020 achievements

Leadership

position in carbon black production capacity

\$93M

capital investments in FY2020

100%

of employees receive Code of Ethics training

8%

reduction in direct CO₂ emissions against 2005 baseline

72.8%

absolute energy conversion efficiency

100%

of our sites use recycled process water and/or rain water in their operations

60%

of waste produced in our facilities is repurposed

38%

reduction in environmental releases compared to FY2018

0.33

Total Recordable Incident Rate (TRIR), an industry-leading score

59

Net Promoter Score®, demonstrating our customers' high satisfaction

100%

of our facilities participate in community engagement

1st

carbon black multinational to receive IATF 16949 certification across all manufacturing sites



Industry-leading sustainability continued



FY2020 highlights

ecovadis Customers and Suppliers
18%
higher than average EcoVadis scores by Birla Carbon suppliers



Environment
75%
of our plants are energy positive



Governance and Ethics
100%
of our 9,000+ suppliers screened using NAVEX Global's RiskRate® due diligence system



Customers and Suppliers
59
Net Promoter Score®, demonstrating our customers' high satisfaction



Our People
10%
reduction in TRIR in FY2020 as compared to FY2019



Our Product
All 17
laboratories achieved 100% alignment with the ASTM Laboratory Proficiency Rating System

Global recognition



Global
EcoVadis recognized Birla Carbon with a Gold rating for its advanced sustainable management system



Spain
FEIQUE 2019 Safety Award
COASHIQ (Autonomous Safety and Hygiene Commission of the Chemical Industries of Spain) award for zero employee accidents in 2018



Italy
Recognized for Excellence in Sustainable Growth by University of East Piedmont, Economy Faculty



Global
ICBA awarded gold awards to 10 Birla Carbon plants and two R&D laboratories for industry-leading safety levels



Brazil
Top Rubber Award from *Borracha Atual* magazine as carbon black supplier



Thailand
Excellent Establishment on Labour Relations and Welfare Award 2019 from the Ministry of Labour