

# 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.



## Forging Circularity

Circular thinking guides our approach to innovation as we respond to a growing demand for sustainability. We quantify our environmental impact throughout the life cycle of our products, from raw material extraction to end of life.

Leading the way for the industry, we have achieved circularity at scale with our Continua™ offering.



### 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.

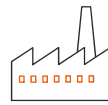
### Our Process

We strive to be a responsible steward of the environment by optimizing the conversion of carbon to carbon black, minimizing our CO<sub>2</sub> 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 FY2021 achievements

### Leadership

position in carbon black production capacity

**\$40.6M**

in capital investments

**70%**

of employees receive Code of Ethics training

**8%**

reduction in direct CO<sub>2</sub> emissions against 2005 baseline

**70.9%**

absolute energy conversion efficiency

**100%**

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

**68.0%**

of waste produced in our facilities is repurposed

**38%**

reduction in environmental releases compared to FY2018

**0.32**

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

**64**

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



## FY2021 highlights

**ecovadis** Customers and Suppliers  
**20%**  
higher than average EcoVadis scores by Birla Carbon suppliers



**Environment**  
**75%**  
of our plants are energy positive



**Governance and Ethics**  
**100%**  
of our suppliers screened using NAVEX Global's RiskRate® due diligence system



**Customers and Suppliers**  
**64**  
Net Promoter Score®, demonstrating our customers' high satisfaction



**Our People**  
**11%**  
reduction in TRIR in FY2021 as compared to FY2020



**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 practices



**Spain**  
awarded with "Cantabria Occupational Road Safety" by The Cantabrian Institute for Safety and Health at Work (ICASST) for involvement in the "CIRCULA" Project.



**Jining**  
Received 2020 Annual Site Management Star Enterprise – 4-star award from the Jining Bureau of Industry and Information Technology.



**Global**  
ICBA Gold awards for 12 plants and two research and development laboratories for industry-leading safety levels.



**Patalganga**  
Received 2nd prize for the Best Boiler User Award 2020 from the Directorate of Steam Boilers, Labor Department, Government of Maharashtra.



**Thailand**  
Excellent Establishment on Safety Zero Accident from the Governor of Angthong