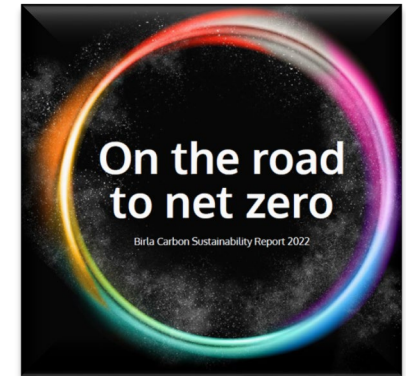


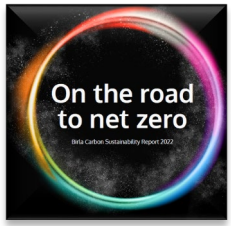
# A Decade of Sustainability Excellence

## 10 years of sustainability leadership

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| ●   | ●  | ●  | ●  | ●   | ●  |
| FY 2013   | FY 2014  | FY 2015  | FY 2016  | FY 2017   | FY 2018  |
| <ul style="list-style-type: none"> <li>Adapted our sustainability and SOE strategy and created our Sustainability Steering Committee (SSC).</li> <li>\$25.8 million invested in process improvements related to energy efficiency and GHG emission reduction</li> </ul> | <ul style="list-style-type: none"> <li>First product Life Cycle Assessment conducted</li> <li>16 of 17 manufacturing sites gained ISO 14001 certification</li> </ul> | <ul style="list-style-type: none"> <li>47% reduction in TRIR</li> <li>Conducted first water risk assessment for all sites</li> </ul> | <ul style="list-style-type: none"> <li>Achieved our best safety record in 170 years</li> <li>Conducted first megatrend analysis for future-proofing</li> </ul> | <ul style="list-style-type: none"> <li>Our Product Stewardship Standard active across all our sites</li> <li>Achieved the first EcoVadis Gold rating</li> </ul> | <ul style="list-style-type: none"> <li>Uncovered our purpose: Share the Strength</li> <li>Fulfilled the WBCSD Pledge for Access to Safe Water, Sanitation and Hygiene (WASH) at the workplace</li> </ul> |

|   |  |   |   |   |
|---|--|---|---|---|
| ●   | ●  | ●   | ●   | ➔ |
| FY 2019   | FY 2020  | FY 2021   | FY 2022   |   |
| <ul style="list-style-type: none"> <li>Three-quarters of our plants achieved energy positive status</li> <li>100% of our suppliers screened using NAVEX Global's RiskRate® due diligence system</li> <li>Introduced Serious Injury and Fatality (SIF) initiative</li> </ul> | <ul style="list-style-type: none"> <li>Measured baseline circularity of our business using the Ellen MacArthur Foundation's Circulytics tool</li> <li>With Covid-19, leveraged our global geographical footprint to ensure employees could access PPE</li> </ul> | <ul style="list-style-type: none"> <li>Pledged to lower our carbon emissions to net zero by 2050</li> <li>Launched Continua™ SCM for tires, rubber compounds, coatings and plastics market.</li> <li>Became signatories of the United Nations Global Compact</li> </ul> | <ul style="list-style-type: none"> <li>Refinancing existing debts through a US\$750 million loan linked to our sustainability performance</li> <li>Repurposed 67% of waste, reducing the amount of waste sent to landfill</li> <li>Awarded a Platinum Rating by EcoVadis</li> </ul> |   |





It's been 10 years since Birla Carbon has been reporting on sustainability. 2022 marks the 10<sup>th</sup> successful year of this effort and is a landmark for our business. Sustainability across all our functions, forms the base of a circular future not just for Birla Carbon but also for our stakeholders. Furthermore, sustainability supports our aspirations towards achieving our Net Zero target by 2050. Celebrating our Decade of Sustainability, we solicited stories in the form of case studies, achievements, and the proudest moments from each of our employees, teams, and functions at Birla Carbon.

### Birla Carbon Gummidipoondi

In collaboration with the Confederation of Indian Industries (CII) – opened Kaushalya – The Skills Training Centre. The center provides complete assistance for job placements and ensures 70% industry placement and 30% entrepreneurial assignment with proper counseling by experts. The program has certified 2,731 students and offered placements to 1,847 youths during the last seven years and has a record of 77% placements.



### Birla Carbon Italy

Since 2017, BCI buys customized agendas for its employees from La Cometa. BCI supported La Cometa by purchasing t-shirts for their members and financed a wider program which caters to the psychological support of the team. La Cometa is a local association that provides help to people with disabilities or that live in difficult social or economic conditions.

### Birla Carbon Korea

Established the site's own basic safety rules and reorganized the system so that all employees can comply. In addition, BCK made efforts to spread a safety culture by establishing and implementing a Safety and Environmental Incident Prevention Activity Plan every month. As of January 4, 2022, the highest record of no incidents - 3,180 days - has been achieved.



### Birla Carbon Canada

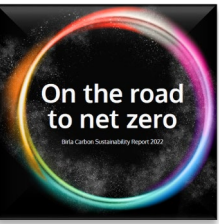
Birla Carbon Canada is a partner of the HAMN (Hamilton Air Monitoring Network) and a member of the steering committee. HAMN represents participating industries that are committed to carrying out air quality monitoring as part of the MECP's Source Emissions Monitoring program (SEM).



### Birla Carbon Spain

Since NOx emissions are impacted by the combustor design, Birla Carbon Spain pioneered an innovative air staging technology for reducing NOx emissions.





# A Decade of Sustainability Excellence 10 years of sustainability leadership

## Birla Carbon Cubatão

The Cubatão Plant has achieved several benefits with the recycling of big bags since the last many years. The most important benefits have been sustainability and cost saving for the business. After engaging with two companies to clean and repair the used big bags, the empty bags are received and stored temporarily in a big bucket, which belong to the cleaning companies, until they are replaced by them. The plant also works with customers requesting them to not damage the bags during the unloading process (about 20% of these bags are damaged during this process). The Cubatão plant recycles close to 6000 bags on a monthly basis.



## Birla Carbon Thailand

Established a daily self-check sheet for measuring carbon black in surrounding communities. The check sheets help BCT care for our communities and improve trust and satisfaction with BCT as their neighbor.



## Birla Carbon Jining

Improved their zero liquid discharge (ZLD) wastewater system by switching from tubular micro filtration (TMF) to ceramic ultra filtration (CUF). This allowed the plant to maximize their reuse of wastewater, hence reducing freshwater consumption and alleviating the plight of a serious water shortage.

