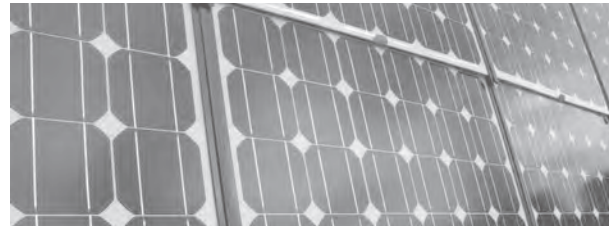


Integrated Report 2022



TOKAI CARBON CO., LTD.

<https://www.tokaicarbon.co.jp/>
Aoyama Building, 1-2-3 Kita-Aoyama, Minato-ku,
Tokyo 107-8636, Japan
Tel: +81-3-3746-5100 (Switchboard)



TOKAI CARBON CO., LTD.



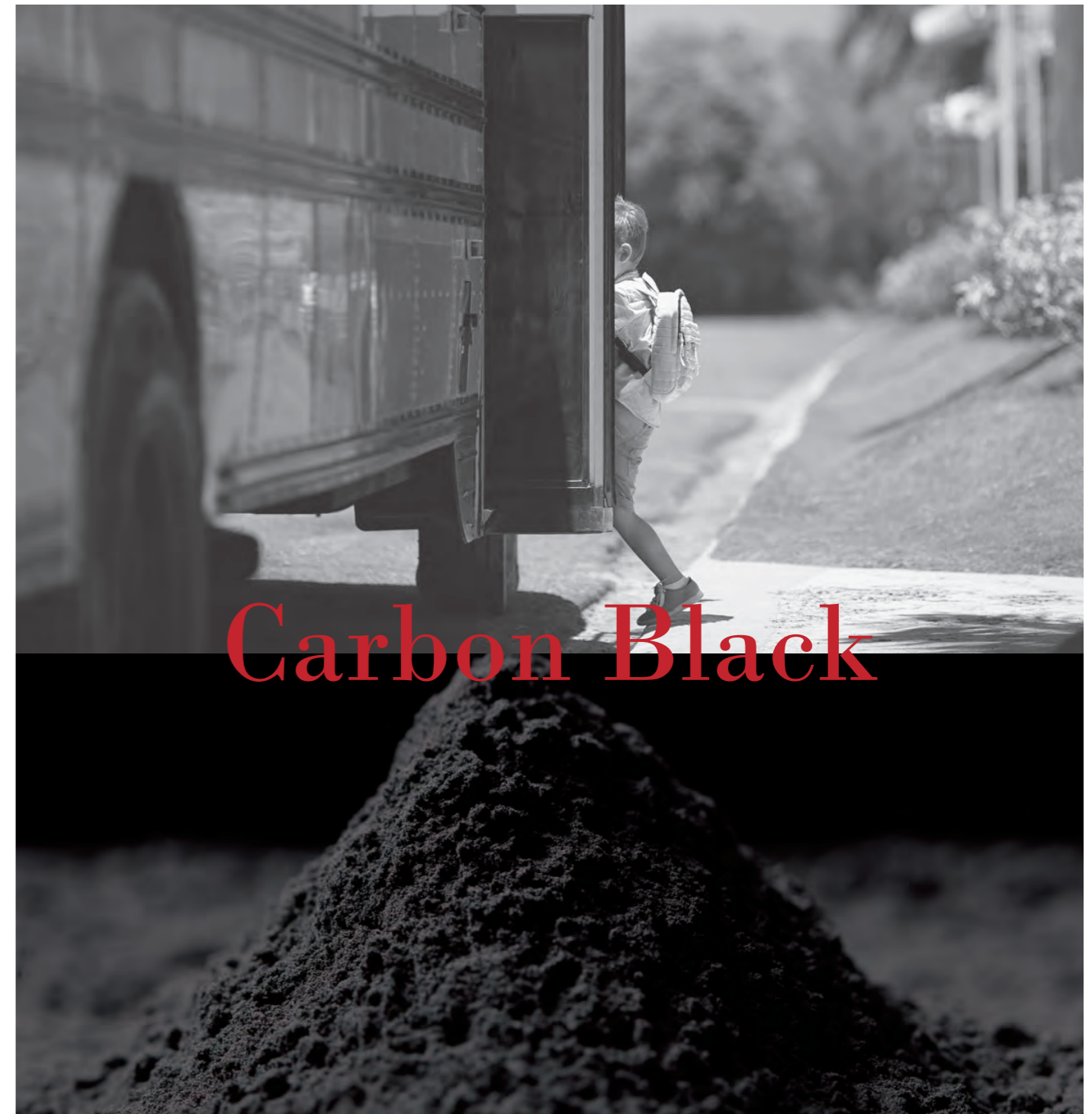
Graphite Electrode

Graphite Electrodes Supports Infrastructure

Steel scrap is recycled by electric arc furnace (EAF) and then transformed into structural materials, such as materials for buildings and bridges, and stainless steel products. Tokai Carbon's graphite electrodes are manufactured in Japan, Germany, and the United States, supporting EAF steel production around the world.

Manufacturing world largest diameter graphite electrode

32 inches
in diameter
800mm



Carbon Black

Carbon Black Supports Safety in Our Daily Lives

Carbon black is an important raw material that accounts for about 30% of the weight of a tire. With bases in North America, Thailand, and Japan, we support the performance and safety of automobiles. It is also used as a black pigment in many of the black-colored products you come across daily.

Largest capacity in the U.S.





Fine Carbon

Fine Carbon Supports the Semiconductor Industry

As one of the few companies in the world that manufactures fine carbon, we develop and supply components for manufacturing equipment that enable semiconductor quality to be improved. We support the rapidly changing semiconductor industry with our diverse product lineup.

Largest solid SiC producer in the world

70%
Global Share



Smelting & Lining

Cathode Blocks Supports the Development of the Aluminum Industry

Demand for aluminum is growing worldwide due to the need to reduce the weight of electric vehicles (EVs) and transportation equipment. Our long-life cathode blocks used in aluminum electrolytic furnaces are indispensable for its manufacture. Tokai Carbon holds global top share with its outstanding stability and performance.

Cathode blocks used in aluminum smelting

30%
Global Share



Basic Principle

Ties of Reliability

Our stakeholders, including customers, business partners, employees, society, and shareholders, are indispensable partners for the Company to contribute to the realization of a sustainable society. Coexistence and co-prosperity with our stakeholders are the Company's earnest wishes, and the key to "co-creation" that creates new value is trusting relationships.

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Overview Consolidated Data for 2022

Net Sales	Operating Income (Operating Income to Sales)	Net Income Attributable to Owners of the Parent Company (profit rate)	Total Assets	Capital-to-Asset Ratio	ROIC	Overseas Sales Ratio	GHG Emissions	Number of Employees (Consolidated)	Overseas Employee Ratio
340.3 billion yen	40.5 billion yen (11.9%)	22.4 billion yen (6.6%)	576.4 billion yen	46.6%	7.1%	79.6%	2,408 thousand tCO ₂	4,378	70.7%