

Building a Future of Technology and Trust

Tokai Carbon Group will contribute to a sustainable society by broadening the circles of value creation with advanced materials and solutions, that help to protect the environment and provides the answer to the customers' needs.



In Society



Aviation engine parts [Fine Carbon]

Graphite is used in the manufacturing process.

Steel frames of buildings and bridges [Graphite Electrodes]

Most steel frames are from the recycle process of electric arc furnaces using graphite electrodes.

Vehicles and wheels [Smelting and Lining]

Our cathodes are to support the growing demand of aluminum for lighter weight products.

Building glass [Industrial Furnaces and Related Products]

The surface is processed in industrial furnaces using EREMA heating elements.

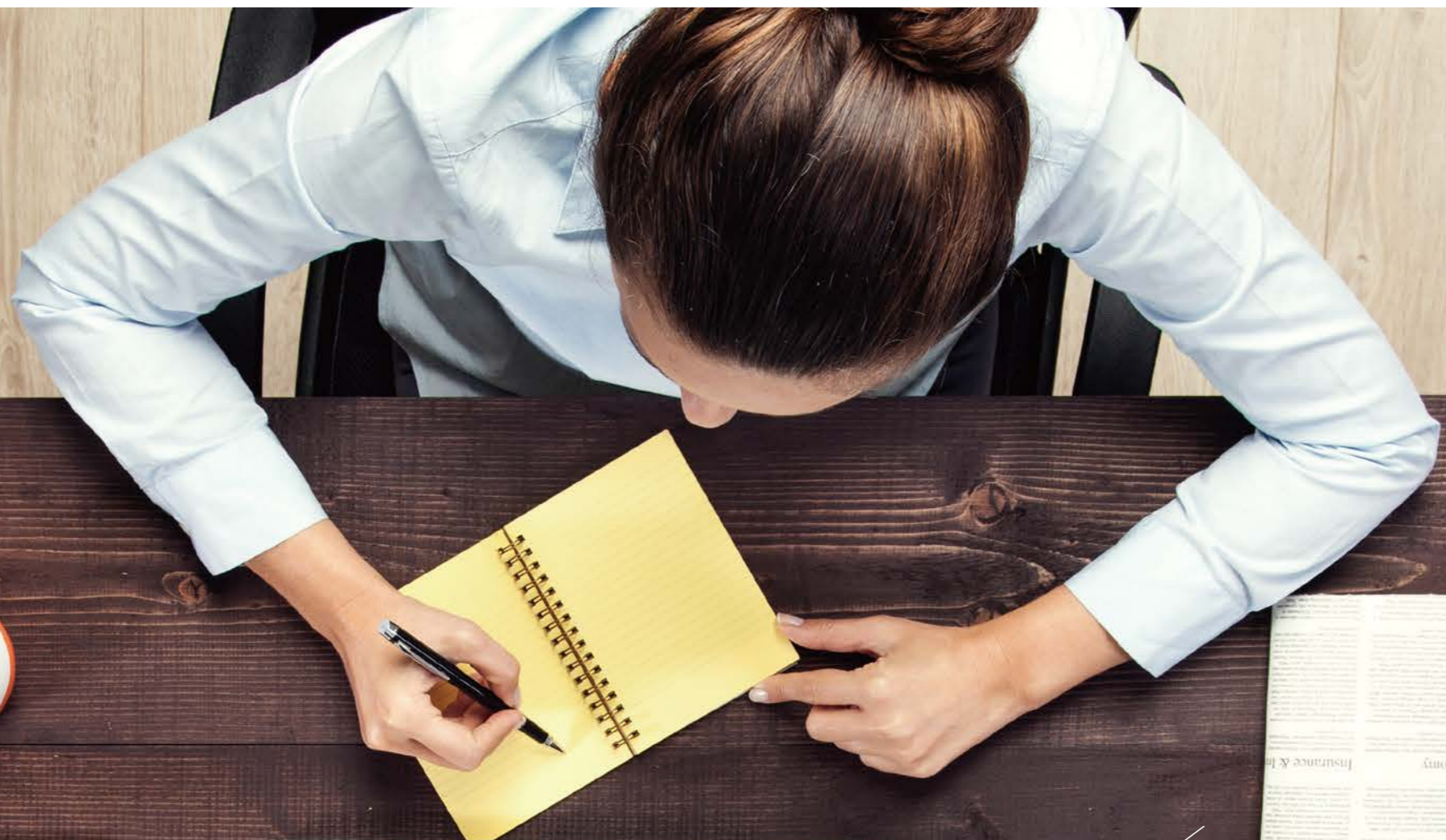
Automobile tires [Carbon Black]

Indispensable to make stronger and durable tires.

Electric vehicle batteries [Anode Materials]

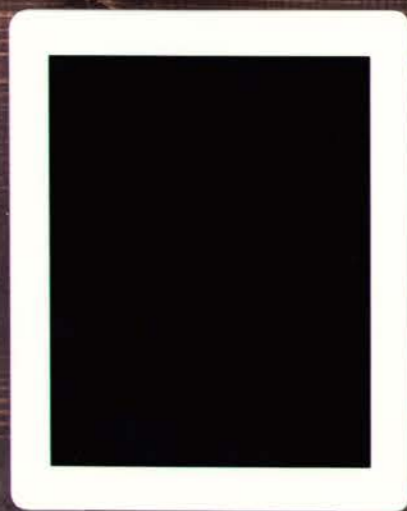
Bringing better performance to the lithium-ion batteries that support the spread of electric vehicles.

In Life



Stainless steel scissors [Graphite Electrodes]

Stainless steel is also produced through electric arc furnace using graphite electrodes.



Computer parts [Fine Carbon]

Fine carbon is used in semiconductor industries and as a material for producing metal molds essential for the mass production of products.



Black ink for newspapers and others [Carbon Black]

A pigment ink for the newspapers that are read every day and for color toning of plastics around you.



Solar panels [Fine Carbon]

Widely used as a material for panels.



2021 Review on Tokai Carbon Group

Performance Data

Consolidated Financial Indicators	2020	2021
Net Sales (Millions of yen)	201,542	258,874
Operating Income (Millions of yen)	7,858	24,647
EBITDA (Millions of yen)	35,262	54,518
Net Income Attributable to Owners of the Parent Company (Millions of yen)	1,019	16,105
ROIC (%)	1.6	4.8
EPS (JPY)	4.78	75.55
Total Assets (Millions of yen)	224,815	256,570
Capital Investment (Millions of yen)	28,873	30,347

* Tokai Carbon ROIC = Operating Income after Taxes / Working Capital (Trade Receivables + Inventories) + Fixed Assets

Non-financial Indicators	2020	2021
No. of Employees (Consolidated)	4,178	4,289
Percentage of Non-Japanese Employees (Consolidated)	69%	70%
Percentage of Career-track Female Employees (Non-consolidated)	10.32%	10.17%
No. of Patents including Applications (Non-consolidated)	88	81
R&D Expenditures (Non-consolidated)	¥2.7 billion	¥2.8 billion
CO ₂ Emissions (Consolidated)	2,232 thousand tCO ₂	2,409 thousand tCO₂
Occupational Accident Frequency Rate (Non-consolidated)	0.53	0.00

Business Segment Indicators

(Millions of yen)

Graphite Electrodes	2020	2021
Net Sales	37,879	40,619
Operating Income	▲5,766	▲400
EBITDA	▲2,274	4,162

Carbon Black

	2020	2021
Net Sales	70,754	99,491
Operating Income	3,192	8,783
EBITDA	10,171	14,868

Fine Carbon

	2020	2021
Net Sales	31,775	39,125
Operating Income	6,647	9,611
EBITDA	11,802	15,199

Smelting and Lining

	2020	2021
Net Sales	36,421	49,696
Operating Income	1,161	1,925
EBITDA	11,564	14,097

Industrial Furnaces and Related Products

	2020	2021
Net Sales	13,873	18,019
Operating Income	3,765	5,396
EBITDA	3,997	5,701

Other Businesses
(Friction Materials, Anode Materials)

	2020	2021
Net Sales	10,837	11,922
Operating Income	298	754
EBITDA	832	1,313

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