Company Overview

Tokyo Electron operates worldwide as a leading company in semiconductor production equipment Industry. By providing the Best Products and Best Technical Service, we are aiming for medium- to long-term profit expansion and continuous corporate value enhancement. We are also the practicing our Corporate Philosophy by contributing to the development of a sustainable society through our business.

Number of Sites (As of April 1, 2022)

- **Head Office**
- **Branch, Office (including Field Service), Sales Office**

Japan: 7 companies at 25 sites

Overseas: 20 companies at 52 sites in 17 countries and regions

Worldwide total: 27 companies* at 77 sites in 18 countries and regions (consolidated)

* Group companies in the process of being wound up are not shown on the map.
History

1960s–1970s
Transition of Typical Applications of Semiconductors

1963
Tokyo Electron Laboratories, Inc. is established with capital from Tokyo Broadcasting System, Inc.

1964
Tokyo Electron Laboratories acquires importing and selling rights for diffusion furnace manufactured by Thermco Products Corp. (U.S.) and begins sales

1968
TEL-Thermco Engineering Co., Ltd. began domestic production of diffusion furnaces

1980s–1990s
Shifting to a full-scale manufacturer

1978
Tokyo Electron Laboratories, Inc. renamed Tokyo Electron Ltd

1984
Listed on the First Section of the Tokyo Stock Exchange

1986
Export of semiconductor production equipment begins

1990s
Accelerating globalization

1990
Enhanced the Group structure in Japan by, for example, establishing service and manufacturing companies, and set up overseas subsidiaries throughout the world to globalize operations

1999
Category of industry on the Tokyo Stock Exchange First Section changed from “Wholesale Trade” to “Electric Appliances”

2000s–2010s
Aspiration toward innovation and new growth

2005
"TEL Values" formulated as code of conduct

2006
Established "TEL UNIVERSITY" to strengthen human resource development

2007
Establishment of Tokyo Electron Corporate Governance Guidelines

2015
Re-emergence as the New TEL (Vision, Medium-term Management Plan formulated and new Corporate Logo created)

2019
Formation of the Medium-term Management Plan to further enhance corporate value

2020s–

2021
Began publishing integrated reports

2022
Listed on the Prime Market of the Tokyo Stock Exchange

Formulated the new Vision and Medium-term Management Plan

"Technology Enabling Life" formulated as corporate message

Sales by Region (Consolidated)

<table>
<thead>
<tr>
<th>Region</th>
<th>(Unit: Billions of yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southeast Asia, and Others</td>
<td>88.4 (4.4%)</td>
</tr>
<tr>
<td>China</td>
<td>566.2 (28.3%)</td>
</tr>
<tr>
<td>Europe</td>
<td>107.9 (5.4%)</td>
</tr>
<tr>
<td>Japan</td>
<td>230.3 (11.5%)</td>
</tr>
<tr>
<td>North America</td>
<td>268.0 (13.4%)</td>
</tr>
<tr>
<td>Taiwan</td>
<td>361.5 (18.0%)</td>
</tr>
<tr>
<td>Korea</td>
<td>381.1 (19.0%)</td>
</tr>
<tr>
<td>Japan</td>
<td>2,003.8 billion yen (FY2022)</td>
</tr>
</tbody>
</table>

Number of Employees by Region (Consolidated)

<table>
<thead>
<tr>
<th>Region</th>
<th>(Unit: People)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>606 (2.5%)</td>
</tr>
<tr>
<td>North America</td>
<td>2,002 (12.8%)</td>
</tr>
<tr>
<td>Japan</td>
<td>8,661 (55.4%)</td>
</tr>
<tr>
<td>Asia</td>
<td>4,365 (27.9%)</td>
</tr>
<tr>
<td>Japan</td>
<td>15,634 people (FY2022)</td>
</tr>
</tbody>
</table>

Fractions smaller than 100 million yen are truncated.
Semiconductor Manufacturing Process and Our Main Products

- **Wafer Process (Front-end)**
- **Assembly and Test Process (Back-end)**

**Deposition**
- Thermal Processing System
- Single Wafer Deposition System
- Atomic Layer Deposition System

**Lithography**
- (Photoresist coating, Development)
- Coater/Developer
- CLEAN TRACK™/LITHIUS Pro™

**Etching**
- Plasma Etch System
  - Tactras™
  - Episode™ UL

**Cleaning**
- Single Wafer Cleaning System
  - CELLES TA™

**Isolation Formation/Gate Formation**
- Repeat

**Interconnect Formation**
- Single Wafer Deposition System
- Plasma Etch System
  - Tactras™
  - Episode™ UL

**Inspection**
- Wafer Probe
  - Pixa™

**Packaging/Inspection**
- Wafer Bond/Debond
  - Synapse™ V/
  - Synapse™ Z Plus

**Contact Formation**
- Metal film
- Intermetal dielectric film

**Interconnect Formation**
- Metal film

**Wafer Probe Testing**
- 2D NAND
- CMP5 image sensor

**Completed Integrated Circuit**
- Wafer Bonding/Debonding
- Inspection
- Packaging/Assembly

**Completed Transistor before Wiring**
- Gate Electrode

**Flat Panel Display (FPD) Production Equipment**

- FPD Coater/Developer
  - Exceliner™
- FPD Plasma Etch/Ash System
  - Impressio™
  - BeleaX™

**Inkjet Printing System**
- for manufacturing OLED display
  - Elius™
I would like to express my sincere gratitude to all stakeholders for your continued support and patronage.

Society has faced a series of increasingly serious challenges in recent years, including the prolonged spread of COVID-19, abnormal weather and natural disasters due to climate change, human rights issues and conflicts between nations as well as supply chain disruptions and cyber-attacks. These challenges affect industry, society and the lives of people.

Meanwhile, the transition to a data-driven society is progressing at an unprecedented speed, including the spread of IoT, AI and 5G, smarter industries, evolution of autonomous driving and use of metaverse that has been gathering attention. For semiconductors, which are supporting the core of this shift, expectations for technological innovations such as larger capacity, higher speed, higher reliability and lower power consumption are limitless. The semiconductor market exceeded US$500 billion for the first time in 2021 and is expected to exceed US$1 trillion by 2030, more than double the current market. Along with this, the semiconductor production equipment market in which we operate is also expected to expand even further.

Under such circumstances, we will apply our expertise as an equipment manufacturer developed through being an industry leader and pursue technological innovation in semiconductors to contribute to the development of a dream-inspiring society.

Tokyo Electron established a new Vision in June 2022 and formulated its new Medium-term Management Plan that includes new financial targets as it strives for further growth. Under this plan, we will continue striving for the Best

**New Vision**

“A company filled with dreams and vitality that contributes to technological innovation in semiconductors”

Tokyo Electron pursues technological innovation in semiconductors that supports the sustainable development of the world.

We aim for medium- to long-term profit expansion and continuous corporate value enhancement by utilizing our expertise to continuously create high value-added leading-edge equipment and technical services.

Our corporate growth is enabled by people, and our employees both create and fulfill company values. We work to realize this vision through engagement with our stakeholders.

Products and Best Technical Service, and will strive to achieve short-, medium- and long-term profit expansion and continuous corporate value enhancement.

Our pursuit of sustainability is the realization of this Vision and the practice of our Corporate Philosophy of “We strive to contribute to the development of a dream-inspiring society through our leading-edge technologies and reliable service and support.” We undertake a diverse range of company-wide measures through our business. As the importance of semiconductors increases in society, we strive to strengthen our material issues, which are “Product Competitiveness” by continuously creating next-generation products with overwhelming added value, “Customer Responsiveness” to be the sole strategic partner using solid relationships of trust with customers, “Higher Productivity” to continually improve operational efficiency, in addition to “Management Foundation” which supports our business activities at the foundational level.

With regard to the environment, we launched the E-COMPASS (Environmental Co-Creation by Material, Process and Subcomponent Solutions) environment-focused initiative in June 2021. We will work together with our customers and partner companies to promote technological innovation and reduce the environmental impact of semiconductors throughout the entire supply chain from the following three main perspectives.

- Pursuing higher performance and lower consumption in semiconductors
- Achieving both the process performance and environmental performance of equipment
- Reducing CO2 emissions in all business activities

In June 2022, in addition to our medium-term environmental goals for 2030, we have established the long-term environmental goal of reducing greenhouse gas emissions to net zero by 2050 toward the realization of net zero. As a leading company in environmental management, we will contribute to the preservation of the global environment by actively promoting the reduction of the environmental impact of our products, plants and offices.

We also value the concept of human rights based on a strong sense of integrity. We are working to identify and correct human rights risks through the implementation of human rights due diligence within our Group as well as suppliers. We will incorporate the concept of respect for human rights into every aspect of our business activities, and strive to nurture a dynamic corporate culture where each person can realize their full potential.

To promote sustainability management in line with international frameworks, we signed the United Nations Global Compact and are taking on the SDGs. We also joined the Responsible Business Alliance (RBA) and strive to comply with its code of conduct in our supply chain.

We will continue to promote sustainability-focused management and contribute to addressing issues of industry and society as well as their development to fulfill our mission and responsibilities, aiming to remain a company that is loved and trusted by all stakeholders.

Your continued support and patronage are very much appreciated by all of us at Tokyo Electron.

Toshiki Kawai
Representative Director, President & CEO
Tokyo Electron Limited