

Hitachi High-Tech

COMPANY PROFILE

HITACHI
Inspire the Next

We are continuously evolving to contribute to customer growth and development and an affluent society.

Around the world we are seeing the rapid progression of globalization, computerization and diversification. Businesses, too, are being called upon to show that they are growing increasingly responsive to society. This is why we have revised our corporate vision and mission in order to set a clear direction for the Hitachi High-Tech Group. We all must take this fundamental philosophy to heart and turn our focus to the needs of our customers and the challenges they face, by providing uniquely original technologies, products and services created through our core technologies in "observation, measurement and analysis" to contribute to the development and growth of our customers. We aim to contribute to the resolution of social issues by being a socially responsible company trusted by society, and to continue innovating to increase corporate value through dialog with all stakeholders.

Hitachi High-Tech Corporation
 Representative Executive Officer,
 President and Chief Executive Officer
Masahiro Miyazaki



Corporate Vision

Basic Philosophy

Hitachi High-Tech Corporation aims to be a successful enterprise trusted by all our stakeholders and contributing to social progress through business activities that emphasize value creation through high-tech solutions. We are committed to open, transparent, and reliable business practices. As we continue to grow, we will value the environment and strive to build a prosperous community, fulfilling our social responsibility and contributing as a corporate citizen with passion and pride in our work.

Corporate Vision

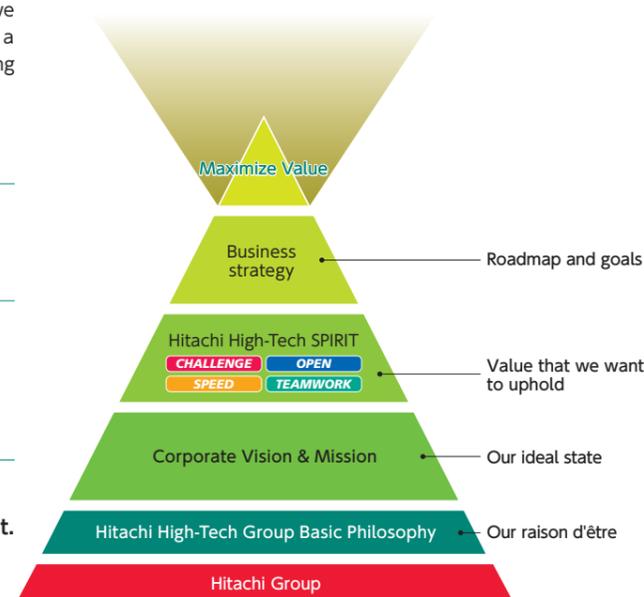
Simplify our customers' high-tech processes

Mission

Our mission is to help our customers be fast-moving, successful, cutting-edge businesses

Explanatory Phrase

Our observation, measurement and analysis systems maximize yields while minimizing waste and safeguarding profit. Our processes, production systems, components and materials help our customers stay ahead of the curve.



2021 Mid-Term Management Strategy (FY2019 to FY2021)

In our 2021 Mid-Term Management Strategy, we aim to solve societal issues and increase profitability by providing solutions through technology, products and services based on our core technologies in "observation, measurement and analysis," while continuing active investment in our growth strategy under our new corporate vision and mission.

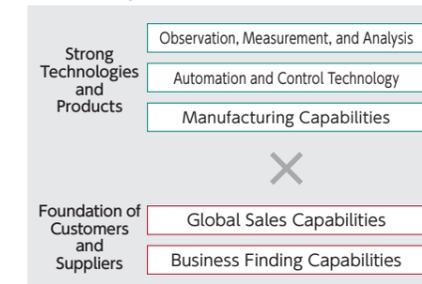
Management Policy Focused Solutions Company in Global Growing Markets

Basic Strategy Focusing on customers' issues, providing solutions through its technologies, products, and services, based on our core technologies in "Observation, Measurement, and Analysis"

We will leverage the Hitachi High-Tech Group's core competencies in "observation, measurement and analysis," "Automation and Control Technology" and "Manufacturing Capabilities," with our "Capabilities for Global Sales & Business Finding" as a specialist trading company in the field of advanced industrial manufacturing to understand the issues in general markets faced by our customers, who are ever individualizing and advancing. Furthermore, we will provide tailored solutions that incorporate specialized systems, services and business models that target specific problems in order to expand globally while creating rare and specialized markets, and will strive for further growth in existing leading businesses while creating and expanding new leading businesses.

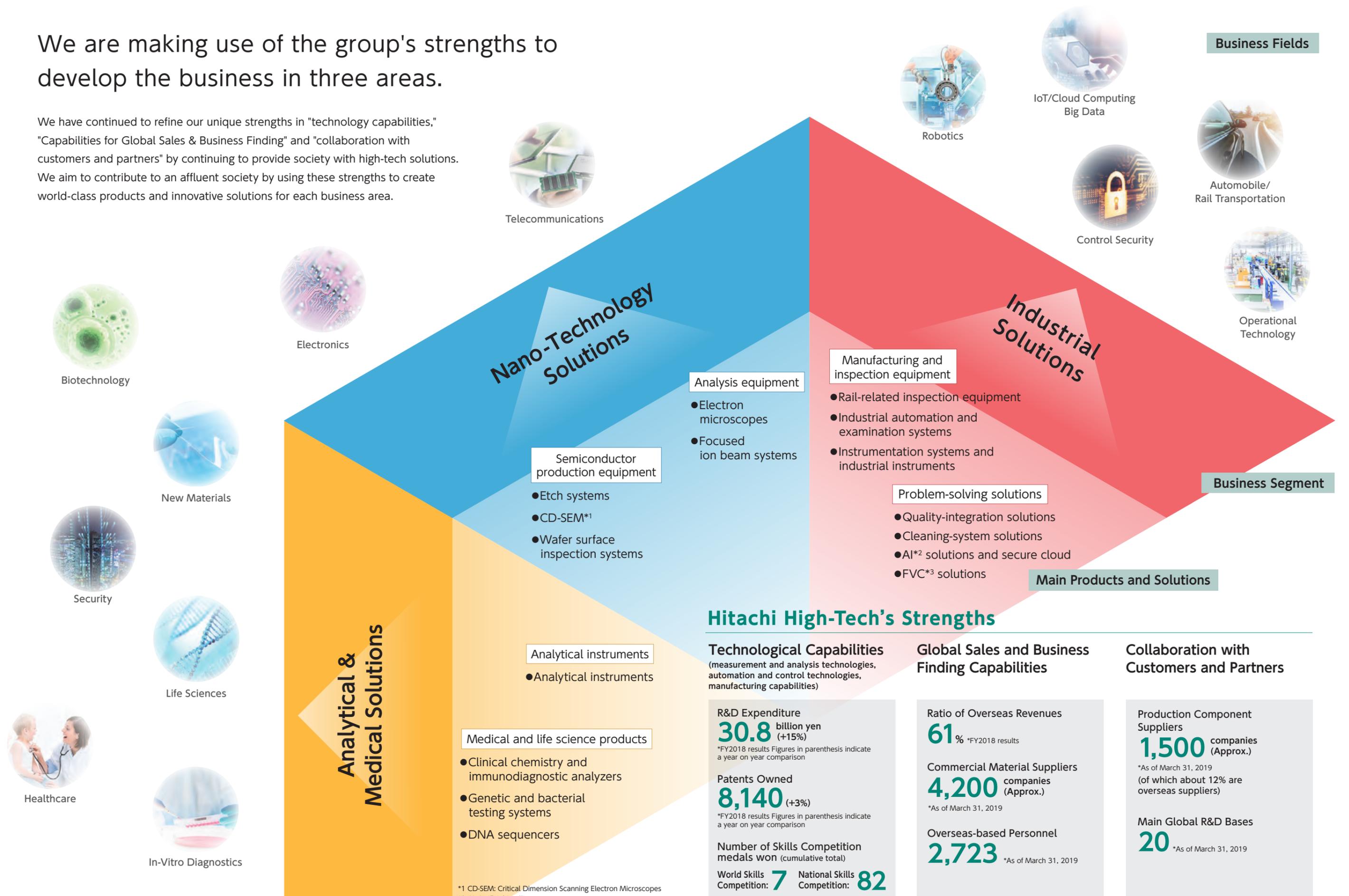
Basic Stance on Business Development

Core Competencies



We are making use of the group's strengths to develop the business in three areas.

We have continued to refine our unique strengths in "technology capabilities," "Capabilities for Global Sales & Business Finding" and "collaboration with customers and partners" by continuing to provide society with high-tech solutions. We aim to contribute to an affluent society by using these strengths to create world-class products and innovative solutions for each business area.



Hitachi High-Tech's Strengths

Technological Capabilities
(measurement and analysis technologies, automation and control technologies, manufacturing capabilities)

R&D Expenditure
30.8 billion yen (+15%)
*FY2018 results Figures in parenthesis indicate a year on year comparison

Patents Owned
8,140 (+3%)
*FY2018 results Figures in parenthesis indicate a year on year comparison

Number of Skills Competition medals won (cumulative total)
World Skills Competition: **7** National Skills Competition: **82**

Global Sales and Business Finding Capabilities

Ratio of Overseas Revenues
61% *FY2018 results

Commercial Material Suppliers
4,200 companies (Approx.)
*As of March 31, 2019

Overseas-based Personnel
2,723 *As of March 31, 2019

Collaboration with Customers and Partners

Production Component Suppliers
1,500 companies (Approx.)
*As of March 31, 2019 (of which about 12% are overseas suppliers)

Main Global R&D Bases
20 *As of March 31, 2019

*1 CD-SEM: Critical Dimension Scanning Electron Microscopes
*2 AI: Artificial Intelligence
*3 FVC: Full Value Chain

Analytical & Medical Solutions



Building upon our foundation of analytical technology, we are creating new value in the fields of bio/medical and safety and security.

We have a proven track record in the bio/medical field by developing and producing the world's first automatic analyzer for clinical examinations that integrates immunoassay functions in a biochemical analyzer, world-class DNA sequencers and scientific instruments that are used in a wide variety of research fields.

We lead the way with our solutions that combine our well-established core technologies and applications, creating focused solutions in the bio/medical and safety and security fields through joint research and collaboration with global leaders.

Medical systems



cobas pro integrated clinical chemistry and immunoassay analyzer (medium-size)

Analyzers



X-ray particle contaminant analyzer EA8000



Nano-Technology Solutions



We integrate and strengthen electron-beam technologies to provide semiconductor integration solutions and create new materials and new applications for the bio field.

For semiconductor manufacturing, we provide measurement and inspection devices and etching systems, such as our global top-selling CD-SEMs*. And for research fields such as biotechnology and new materials, we provide analysis systems like electron microscopes. At the same time, we create new value and contribute to our customers' cutting-edge research and development and mass production by providing solutions that add "manufacturing" to "observation, measurement, and analysis".

*CD-SEM: Critical Dimension Scanning Electron Microscopes

CD-SEM



CD-SEM - Advanced CD Measurement SEM CG6300

Etch System



Conductor Etch System 9000 Series

Analysis System



Ultra-high Resolution Scanning Electron Microscope Regulus Series



Industrial Solutions



We provide added value through solutions focused around operational technologies.

The social and industrial infrastructure fields support people and society. Here we aim to create high value-added businesses that start with resolving customers' issues through OT*1. In addition to our main businesses of inspection and manufacturing equipment and IoT*2 solutions, we contribute towards solving issues for manufacturing companies by utilizing service solutions with digital technologies and our “Global Frontline” capability.

*1 OT: Operational Technology

*2 IoT: Internet of Things

Industrial Infrastructure Field



Automation and labor saving through use of digital technology (robots, automated equipment)

Mobility Field



Providing next-generation automotive battery solutions

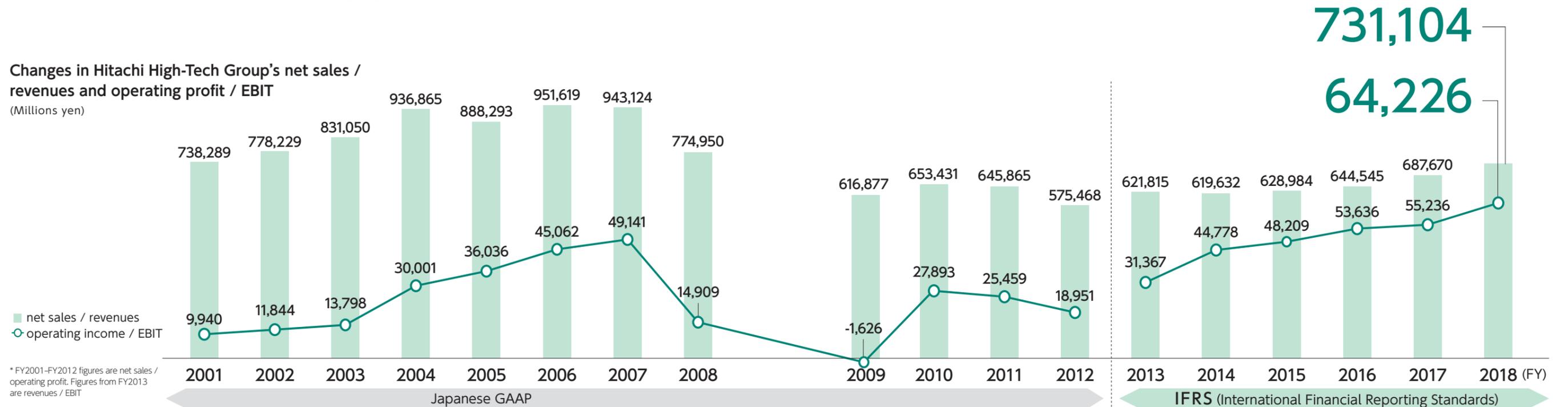


We are aiming for continued growth by creating value through high-tech solutions.

Since the start of 2001, the Hitachi High-Tech Group has aimed to be a company that is trusted by all its stakeholders and contributes to social progress through business activities that emphasize value creation through high-tech solutions.

Changes in Hitachi High-Tech Group's net sales / revenues and operating profit / EBIT

(Millions yen)



* FY2001-FY2012 figures are net sales / operating profit. Figures from FY2013 are revenues / EBIT

Trajectory of Hitachi High-Tech Group

The Beginning (October 2001)

Hitachi High-Tech was established on October 1st 2001 through a merger of Nissei Sangyo, a trading company specializing in advanced industrial fields, with the Semiconductor Manufacturing Business and the Instruments Business that were spun off from Hitachi Ltd.

Laying the Groundwork for Integration (October 2001-)

To possess world-class technologies and products and quickly provide technologies, products, and services boasting outstanding reliability in advanced technology fields, we consolidated development, manufacturing, sales, and services to establish a business structure capable of responding to market changes.

Operational Reform and Rapid Growth (April 2004-)

Having entered the third year since its establishment, Hitachi High-Tech worked on putting the customer first and on-the-spot decision-making, creating a corporate culture characterized by aiming for high targets, and being a communicative, bright and open company, while forging ahead with the Operational Reform Project.

Responding to a Rapidly Changing Market (April 2008-)

The Lehman Brothers collapsed in September 2008 and a global financial crisis and worldwide business slump spread. The Group's operating environment rapidly deteriorated. We thus launched business restructuring targeting a quickearnings turnaround, and took steps to accelerate growth.

Business Restructuring for the Coming Decade (April 2010-)

Major facilities and Group companies were damaged by the Great East Japan Earthquake of March 2011. Looking to get past the natural disaster and achieve growth over the next decade, Hitachi High-Tech announced Corporate Strategy 2011 (CS11), its longterm management strategy, and Medium-Term Management Plan 2013 in October 2011, which marked our 10th anniversary. We set out to further reform and strengthen business as well as become "a company that embraces CSR in the true sense."

Toward a New Stage of Growth (April 2014-)

Hitachi High-Tech advanced business restructuring encompassing analytical instruments and semiconductor manufacturing equipment (for back-end processes) and stepped up global development. We bolstered our business portfolio by shifting resources to growth fields, accelerated global growth strategies, and reinforced our ability to create business.

The Next 15 Years and Beyond (April 2016-)

In 2016, Hitachi High-Tech formulated the 2018 Mid-Term Management Strategy (FY2016-FY2018). It positioned the three years through FY2018 as an important period for the formation of the growth cycle leading up to 2020, and its basic policy was "Transform to more customer-centric organization" and "Transform to an autonomous and decentralized organization." In October 2016, we celebrated our 15th anniversary.

Toward a New Hitachi High-Tech - Revision of the Corporate Vision and Mission (April 2019-)

In April 2019, we revised the Corporate Vision and Mission to clarify the new Hitachi High-Tech ideals, mission, and duties in response to changes in society, and to help solve social issues. In addition, to further evolve the growth cycle that has been formed so far, we launched the 2021 Mid-Term Management Strategy for FY2019 to FY2021.

Global Network

The Hitachi High-Tech Group is a global company with sites in 26 countries and regions, as well as 18 sites in Japan.

We leverage the personal connections, business relationships and expertise we have cultivated at each of our sites to deliver high-value-added solutions that meet our customers' needs.



Countries and regions where the company operates:

26 countries/regions

Note: As of March 31, 2019

Sites in Japan

- Head Office (Tokyo)
- Hokkaido Branch Office
- Tohoku Branch Office
- Naka Division
- Naka Science Laboratory
- Hitachinaka Sales Office
- Tochigi Sales Office
- Mobara Branch Office
- Tokyo Technical Center
- Tokyo Solution Laboratory
- Fujisawa Sales Office
- Chubu Branch Office
- Yokkaichi Sales Office
- Kansai Branch Office
- Osaka Solution Laboratory
- Kasado Division
- Kyushu Branch Office
- Omuta Center

Group Companies in Japan

- Hitachi High-Tech Solutions Corporation
- Hitachi High-Tech Materials Corporation
- Hitachi High-Tech Support Corporation
- Hitachi High-Tech Fielding Corporation
- Hitachi High-Tech Fine Systems Corporation
- Hitachi High-Tech Manufacturing & Service Corporation
- Hitachi High-Tech Science Corporation
- Hitachi High-Tech Kyushu Corporation
- Giesecke & Devrient Kabushiki Kaisha
- Chorus Call Asia Corporation
- NeU Corporation

Overseas

Americas

- Hitachi High Technologies America, Inc.
- Hitachi High-Technologies Science America Inc.
- Hitachi High-Tech Analytical Science America, Inc.
- Applied Physics Technologies, Inc.
- MagArray, Inc.
- Hitachi High-Technologies Canada, Inc.
- Hitachi High-Technologies Mexico, S.A. de C.V.
- Hitachi High-Technologies do Brasil Ltda.
- Hitachi High-Tech Steel do Brasil Ltda.

Europe

- Hitachi High-Technologies Europe GmbH
- Hitachi High-Technologies RUS Limited Liability Company
- Hitachi High Technologies Ireland Limited
- Hitachi High-Tech Analytical Science Ltd.
- Hitachi High-Tech Analytical Science GmbH
- Hitachi High-Tech Analytical Science Finland Oy

Middle East

- H.H.T.A. Semiconductor Equipment Israel, Ltd.

Asia

- Hitachi High-Technologies (Singapore) Pte. Ltd.
- Hitachi High-Technologies IPC (Malaysia) Sdn. Bhd.
- Hitachi High-Technologies (Thailand) Ltd.
- Smart Factory & Services Holdings (Thailand) Co., Ltd.
- Hitachi High-Tech Amata Smart Services Co., Ltd.
- PT. Hitachi High-Technologies Indonesia
- Hitachi High-Technologies India Private Limited
- Hitachi High-Technologies (Shanghai) Co., Ltd.
- Hitachi High-Tech Diagnostics (Shanghai) Co., Ltd.
- Hitachi High-Technologies Hong Kong Limited
- Hitachi High-Technologies (Shenzhen) Co., Ltd.
- Hitachi High-Tech Analytical Science Shanghai Co., Limited
- Hitachi High-Technologies Korea Co., Ltd.
- Hitachi High-Technologies Taiwan Corporation
- Hitachi Instrument (Suzhou), Ltd.
- Hitachi Instruments (Dalian) Co., Ltd.
- Changzhou KTH International Trading Co., Ltd.
- Techcomp Scientific Limited
- Techcomp Scientific Ltd. (China)



We contribute to solving societal issues on a global scale through our Materiality initiatives.

We have identified five areas of Materiality (important issues) based on the SDGs*, a set of common international rules positioned as targets to be achieved, in order to clarify which social issues we should tackle and what we need to do to help the world through using our business characteristics and business model.

We have set specific action plans, targets and are developing our business activities to achieve these Materiality topics.

*SDGs: Sustainable Development Goals
Adopted by a September 2015 summit of the United Nations, the SDGs comprise 17 goals in different areas and 169 targets, global objectives for solving social issues to be achieved by 2030.



Materiality 1
Contributing to a Sustainable Global Environment
We aim to achieve sustainable consumption and production through the provision of environmentally conscious products and services as well as initiatives throughout the value chain.



Materiality 2
Contributing to Healthy, Safe, Secure Lives
We will contribute to a future where people can continue to live healthy and fulfilling lives, centered on three fields of medicine, water/food, and social infrastructure.



Materiality 3
Contributing to the Sustained Development of Science and Industry
We will support higher product quality by fully utilizing and advancing our technologies, thereby contributing to the sustainable development of science and industry.



Materiality 4
Establishing a sound management foundation
In order to increase enterprise value in the long term, we will strive to improve the effectiveness of corporate governance and aim to be a company that is trusted by society.



Materiality 5
Developing and Utilizing Diverse Human Resources
Recognizing human resources as one of the most invaluable management resources, we aim to foster reform-minded human resources who are able to create continuous innovation.

Refer to our website for further details regarding Materiality.
<https://www.hitachi-hightech.com/global/about/csr/materiality/>



We fulfill our social obligations as a corporate citizen through making contributions that leverage our business characteristics.

Based on the overall policy of the Hitachi High-Tech Group, we continue to pursue and promote social contribution activities aimed at resolving societal issues in order to fulfill our social responsibility as a corporate citizen.

We also consider it necessary to engage in continuing social contribution activities in order to increase corporate value over the medium and long-term. Therefore we have designated Human Resource Development, Environmental Conservation, and Local Contributions as our three focus areas for social contribution activities in anticipation of conditions 10 and 20 years ahead, and we will take action in these areas accordingly.



Human Resource Development



Support for Science Education Activities Through Electron Microscopes



Developing young technicians through the WorldSkills Competition

Environmental Conservation



The Woodland of Hitachi High-Tech Science is engaged in conserving and restoring biodiversity



The Lumione BL-2000 Rapid Microbial Testing System introduced by environmentally conscious design (eco-design)

Local Contribution



Promoting sports with the women's basketball team Cougars



Donation activities by Applied Physics Technologies, Inc.

Refer to our website for further details regarding our CSR initiatives.
<https://www.hitachi-hightech.com/global/about/csr/index.html>



Company Outline

Trade Name	Hitachi High-Tech Corporation
Representative	Representative Executive Officer, President and Chief Executive Officer Masahiro Miyazaki
Headquarters Location	Toranomon Hills Business Tower, 1-17-1 Toranomon, Minato-ku, Tokyo 105-6409, Japan TEL: (03) 3504-7111
Established	4/12/1947
Capital	7,938,480,525 yen (as of March 31, 2019)
Number of Employees	Consolidated: 11,482. Non-consolidated: 4,134 (as of March 31, 2019)
Major Shareholder	Hitachi, Ltd.



