

Company Profile

Epson Europe Electronics GmbH 2024/2025

- ❖ Seiko Epson Corporation (SEC)

- ❖ Epson Electronic Devices
 - ❖ Semiconductor (IC) Division / Motion Sensor Modules
 - ❖ Timing Device (QD) Division

- ❖ Epson Europe Electronics GmbH
- ❖ Applications
- ❖ CSR Management
- ❖ Our Environmental Commitment
- ❖ Social Contributions

Epson has always used its original technology to create new value and change the way we live and work



World's first quartz watch

1942

It all began with timepiece manufacturing

Brought accurate time to everyday life

At the time,

mechanical watches would normally gain or lose many seconds per day.



Inkjet printers

1994

Enabled people to print photos at home

At the time,

photos were printed at photo shops.



3LCD data projectors

Transformed presentations

At the time,

presentations used handouts and OHPs.



High-speed **linehead inkjet multifunction printers** that help offices save energy

2010 to the present

Creating new value that exceeds customer expectations



A **dry-process office papermaking system** that recycles paper right on site

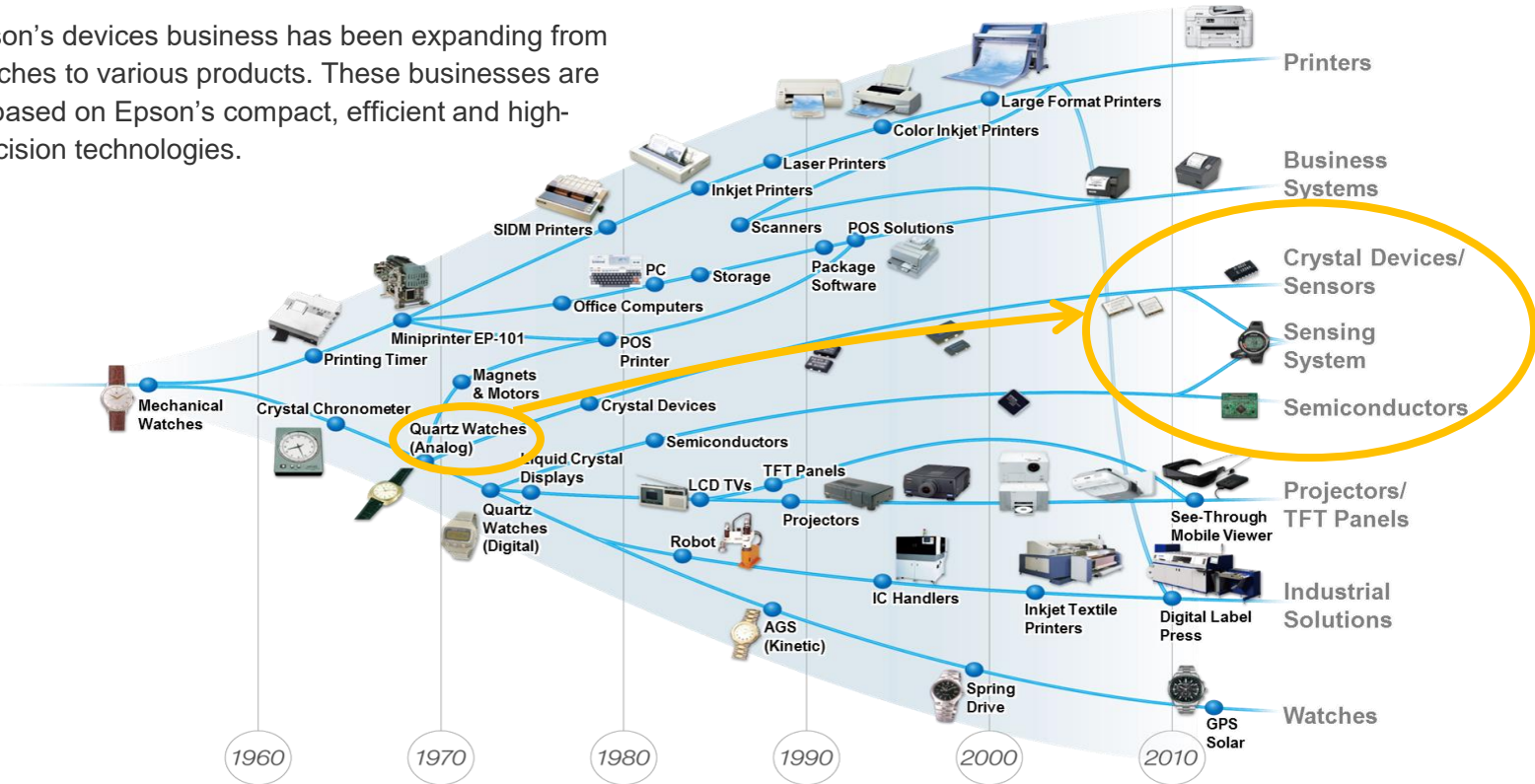


A **SCARA robot** that helps to accelerate automation



A **digital inkjet textile printer** that accelerates the digitization of the textile printing market

Epson's devices business has been expanding from watches to various products. These businesses are all based on Epson's compact, efficient and high-precision technologies.



Revenue
(Consolidated)
FY2023

¥**1,313.9**billion

Business Profit
(Consolidated)
FY2023

¥**64.7**billion

* Business profit is very similar to operating income under Japanese accounting standards, both conceptually and numerically. It is calculated by deducting the cost of sales and selling, general and administrative expenses from revenue.

Segment Revenue as a Percentage of Total Revenue
(FY2023)

Manufacturing-Related & Wearables

13.7%

16.5%

Visual Communications

Commercial & Industrial Printing

Office & Home Printing

69.8%

Printing Solutions

Innovation	Office & Home Printing Innovation	Commercial & Industrial Printing Innovation	Visual Innovation	Manufacturing Innovation	Lifestyle Innovation					
Segment	Printing solutions business		Visual communications business	Manufacturing-related & wearables business						
Operation	Office & home printing business	Commercial & industrial printing business	Visual communications business	Manufacturing solutions business	Wearable products business	Microdevices business	PC business			
Main Technology	Micro Piezo inkjet technology Dry Fiber Technology		Microdisplay technology Projection technology	Precision mechatronic technology High-precision sensing technology Software technology Ultra-precision & micromachining technology High-density board assembly technology Low power consumption technology						
Main Operations	Office & home inkjet printers, serial impact dot matrix(SIDM) printers, page printers, color image scanners, dry process office papermaking systems, and related consumables	Commercial & industrial inkjet printers, inkjet printheads, printers for use in POS systems, label printers, and consumables	Projectors and smart glasses	Industrial robots, micro injection molding machines	Wristwatches, watch movements	Crystal devices (crystal units, oscillators, sensors) Semiconductors (CMOS, LSI), Superfine alloy powder Surface finishing	PCs & other			
Global Market Share	<p>Inkjet printers (unit volume)¹</p> <p>No.2 32%</p>		<p>Printer market (including laser printers, unit volume)²</p> <p>No.3 20%</p>		<p>Projectors (>500 lumens, unit volume)³</p> <p>No.1 51%</p>		<p>SCARA robots (unit volume)⁴</p> <p>No.1 21%</p>		<p>Crystal oscillators (sales revenue)⁵</p> <p>24%</p>	

1 Source: IDC's Worldwide Quarterly Hardcopy Peripherals Tracker 2024Q1 Share by Brand 2 Source: IDC's Worldwide Quarterly Hardcopy Peripherals Tracker 2024Q1 Share by Brand. Laser printers = up to 90 ppm monochrome laser printers. Color laser = up to 69 ppm 3 Unit volume share for projectors with 500 lumens or more, excluding screenless TV products. Source: Futuresource Consulting Ltd., FY2023 4 Source: Epson documents based on Fuji Keizai's "Current status and future outlook of worldwide robot-related markets 2024" 5 Source: QYRESEARCH Inc. Global Timing Device Market Report, published 2023

Our Corporate Purpose



Our philosophy of efficient, compact and precise innovation enriches lives and helps create a better world.

Management Philosophy

Epson aspires to be an indispensable company, trusted throughout the world for our commitment to openness, customer satisfaction and sustainability. We respect individuality while promoting teamwork, and are committed to delivering unique value through innovative and creative solutions.

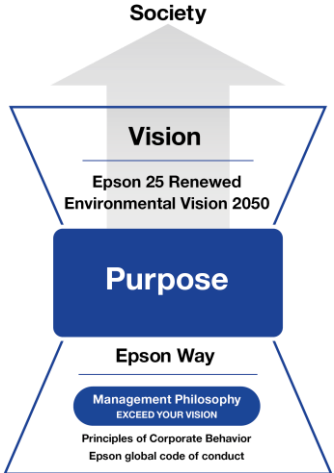
EXCEED YOUR VISION

As Epson employees, we always strive to exceed our own vision, and to produce results that bring surprise and delight to our customers.

Epson was founded in Japan, a nation blessed with outstanding natural beauty and a rich cultural heritage. Our commitment to protecting such abundant gifts for future generations has never wavered. We constantly pay close attention to social issues and dedicate ourselves to addressing them, as our timely elimination of chlorofluorocarbons makes clear. Underpinning everything we do is the philosophy of efficient, compact, precise innovation. After all, bigger is not always better.

We firmly believe that energy saving solutions, space saving innovation and ultra-high precision help to protect the natural environment and enrich communities. With our philosophy of efficient, compact, precise innovation, we deliver more meaningful value that enriches lives and helps create a better world.

We will continue to strive towards achieving this purpose.

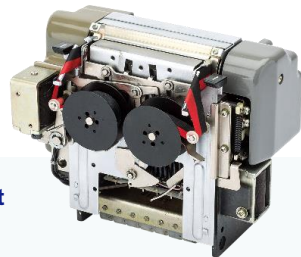


Company Name	Seiko Epson Corporation
Founded	May 18, 1942
Head Office	3-3-5 Owa, Suwa-shi, Nagano, Japan
Paid-in Capital	¥53,204 million

The origin of the Epson name

EP + SON = 「EPSON」

The Epson brand name comes from the EP-101, an electric printer that kicked off the company's expansion into the information equipment business. The "Ep" stands for "electric printer" and the "son" represents our desire to follow the original electronic printer with many more worthwhile products and services in a variety of fields.

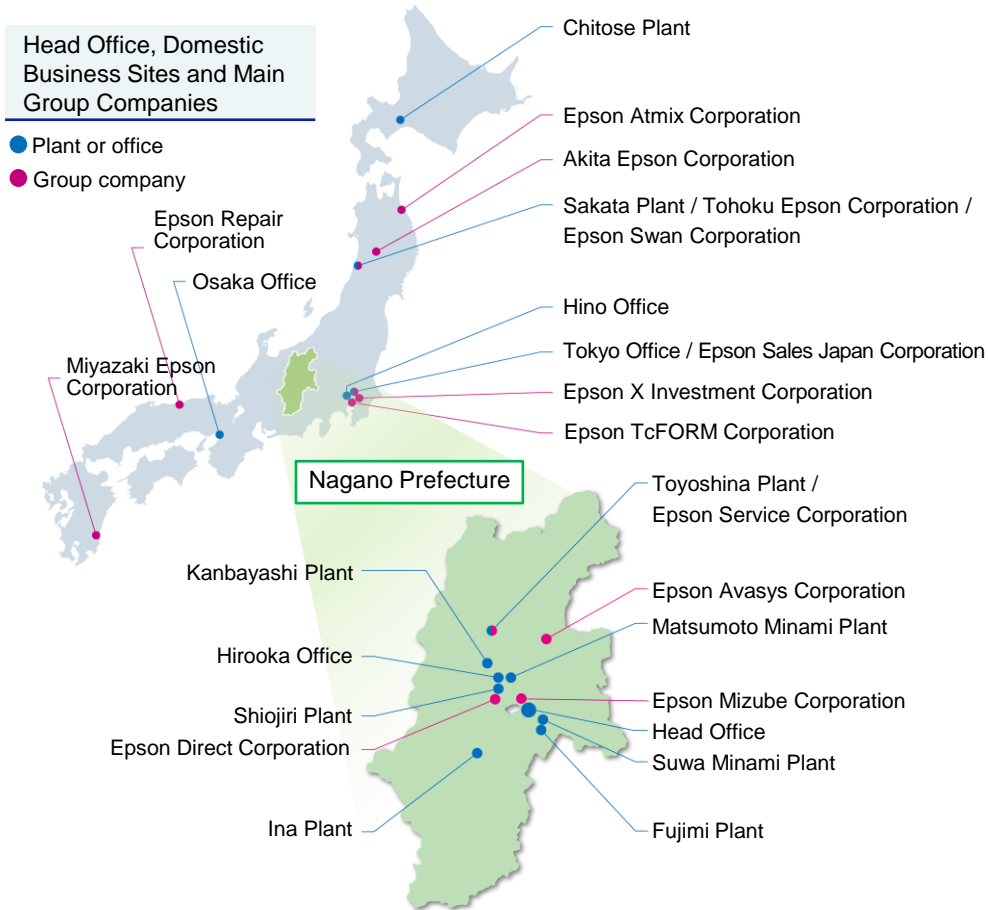


The EP-101, the world's first miniature digital printer

Head Office, Domestic Business Sites and Main Group Companies

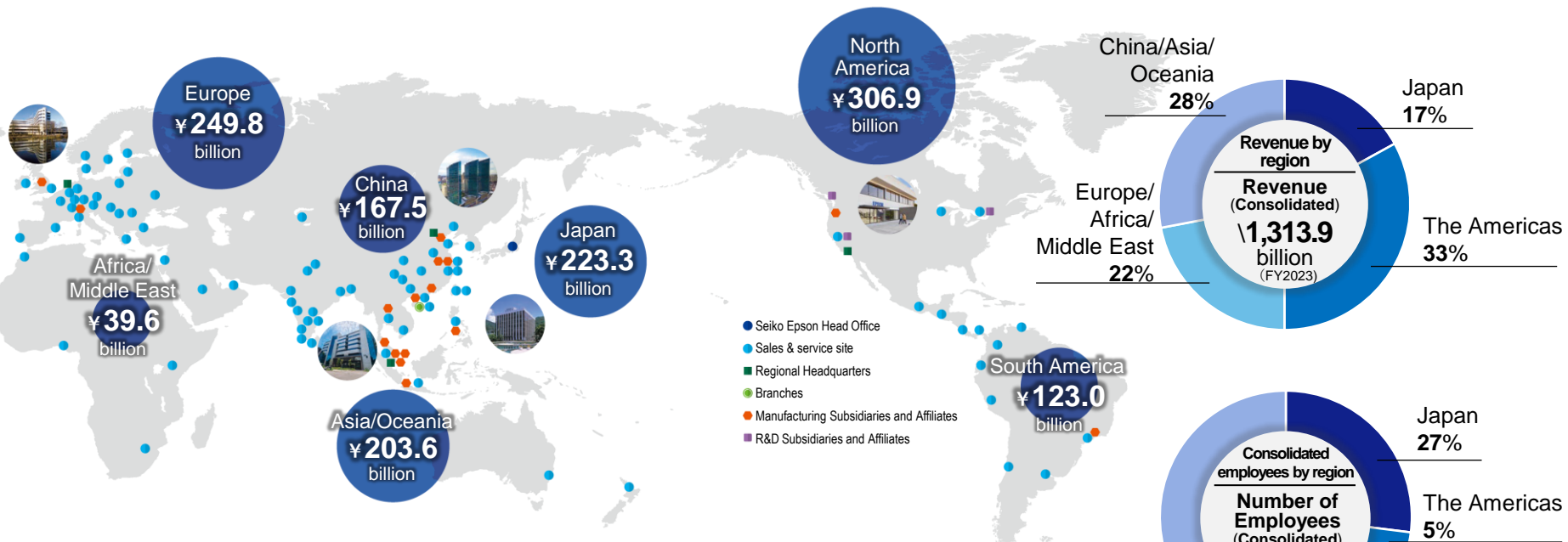
● Plant or office

● Group company





We have research and development sites, production sites, and sales and service sites around the world to enable us to accurately capture customer needs and respond quickly and flexibly to them.



Group companies (as of 2024/3/31)
82 companies (includes parent company)
Japan: **20** Overseas: **62**

* Percentages rounded to the first decimal place.

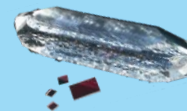
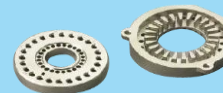
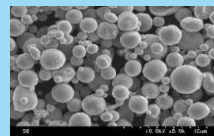
A world leader in many printing categories.



Projector market share leader for 14 successful years...



...and many non-imaging categories too.



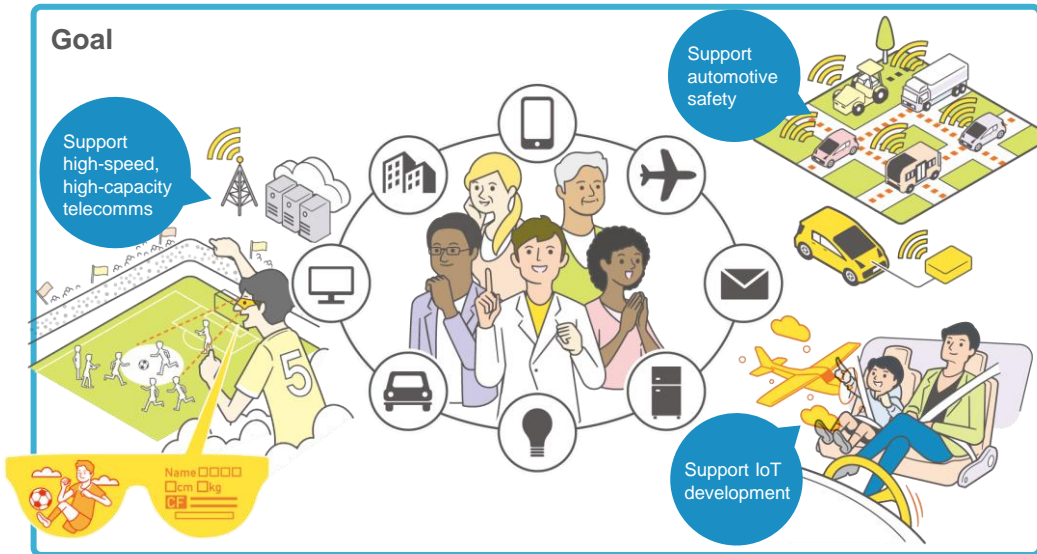
QUARTZ+MEMS

ATMIX
EPSON ATMIX CORPORATION

Contribute to the development of smart communities with crystal and semiconductor solutions enhanced with our efficient, compact and precision technologies

-  Achieve sustainability in a circular economy
-  Advance the frontiers of industry
-  Improve the quality of life

Goal



Actions

- Develop low-power, small, and high-precision devices that enable social infrastructure
- Accelerate integration of crystal and semiconductor technologies to propose optimal solutions for each application
- Help to enhance the value of Epson finished products by elevating our unique crystal and semiconductor device technologies

Product Lineup

[Microdevice] Crystal devices (for network devices and consumer, industrial, and automotive applications), and sensing device, semiconductors

[Other Businesses] Superfine alloy powders, Surface finishing, etc.



❖ **Semiconductors**

Energy saving technology for peace of mind, well-being, convenience and a lighter environmental footprint

ASIC

Analog Front End (AFE)

Clock ICs

Microcontrollers

Network Controllers

Silicon Foundry

Display Controllers

Image Controllers & T-CON's

Interface ICs

LCD Drivers

Voice Synthesis ICs [Speech & Audio]

❖ **Timing Devices**

Timing, Sensing, and optical produced in a wide ranging line up for consumer and industrial

Crystal Unit / Resonator
Real Time Clock Module

Sensor

Oscillator

❖ **Motion Sensor Modules**

IMU (Inertial Measurement Unit)

Sensing platforms

Inclination Sensors

Microcontroller (MCU)



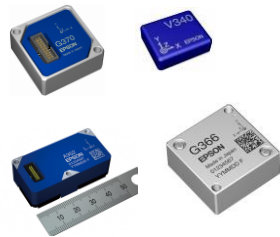
4-bit
16-bit
32-bit (Epson proprietary core,
ARM –M0+ core)

I/F IC's



USB HUBs
USB Re-Synchronization IC

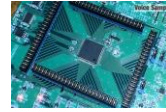
Motion Sensor Modules



IMU & Accelerometer &
Inclinometer

IMU = Inertial measurement Unit

Speech/Voice and Audio playback



Standalone Audio Solution
System Solution (μ C + Audio)

Imaging Controller



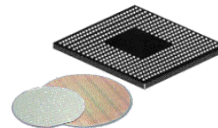
STN, M-TFT, C-TFT and Thermal Head Drivers
Automotive TCON's
LCD Controller
Memory display controller

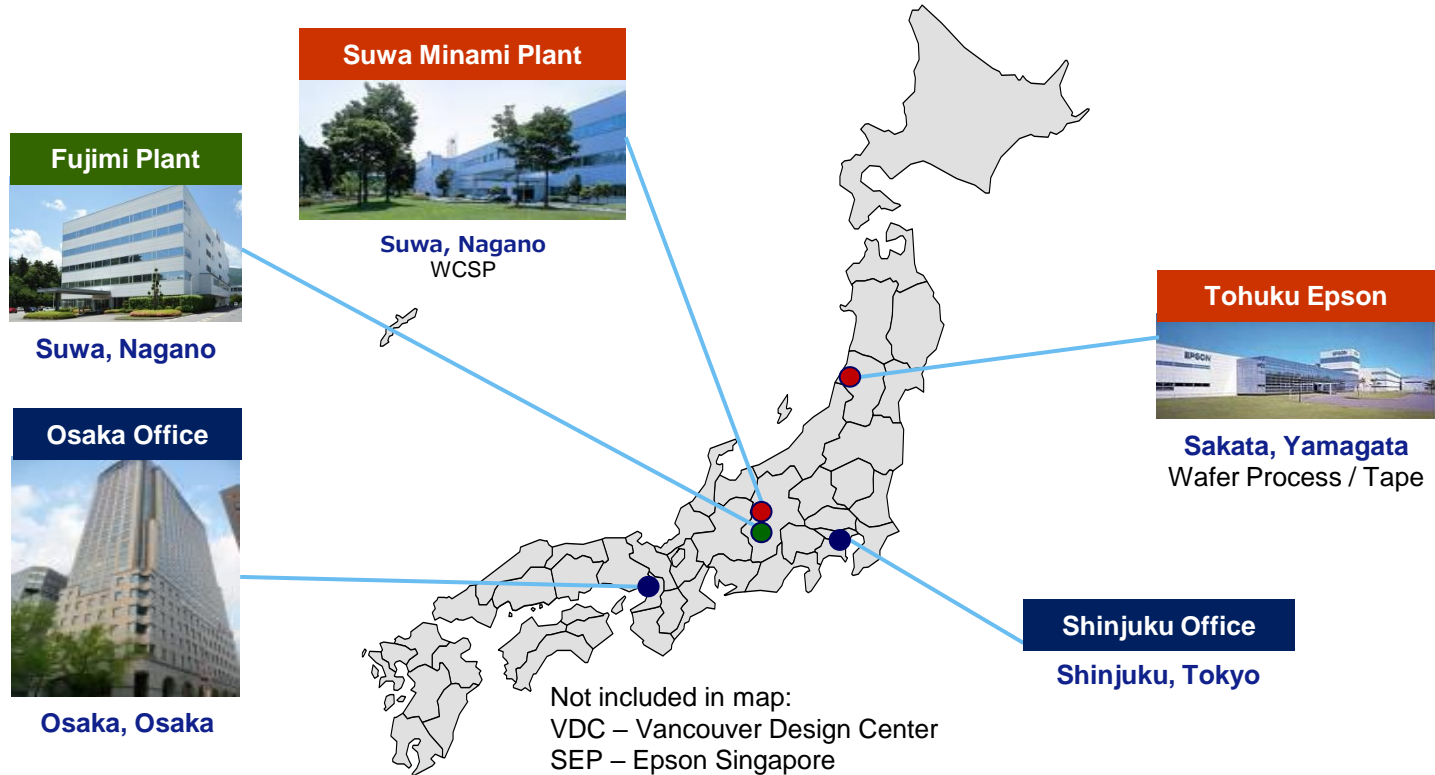
Wireless Power Transfer IC's



PMIC solutions for contact and
wireless power transfer

ASICs, Silicon Foundry & Packaging





Global Sales Network:
<http://global.epson.com/products/semicon/aboutus/network.html#ac02>



Company	City
Epson Electronics America, Inc. (EAI)	Long Beach (U.S.A.)
Epson Europe Electronics GmbH (EEG)	Munich (Germany)
Epson (China) Co., Ltd. (ECC)	Beijing (China)
	Shanghai (China)
	Shenzhen (China)
Epson Hong Kong Ltd. (EHK)	Hong Kong
Epson Singapore Pte., Ltd. (ESP)	Singapore
Epson Taiwan Technology & Trading Ltd. (ETT)	Taipei (Taiwan)
Seiko Epson Corporation Korea Office (EKO)	Seoul (Korea)

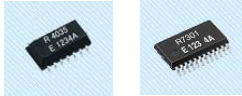
Crystal Unit



Microminiaturize by
Photolithography Process

- kHz Range Crystal Unit
- MHZ Range Crystal Unit
- SAW Resonator

Real Time Clock Module



Built in crystal unit and Real
Time Clock IC in One
package

- I²C-Bus
- Serial Interface 3- and 4-Wire
- Parallel Interface 4-Bit

Sensor



Microminiaturize by
Photolithography Process

- Gyro Sensor
- Pressure Sensing Crystal

Oscillator



Compact, Low Current
Consumption

- SPXO
- VCXO
- TCXO
- OCXO



Ina Plant

Minowa, Nagano
Design for Device & IC



Tohoku Epson

Sakata, Yamagata
IC



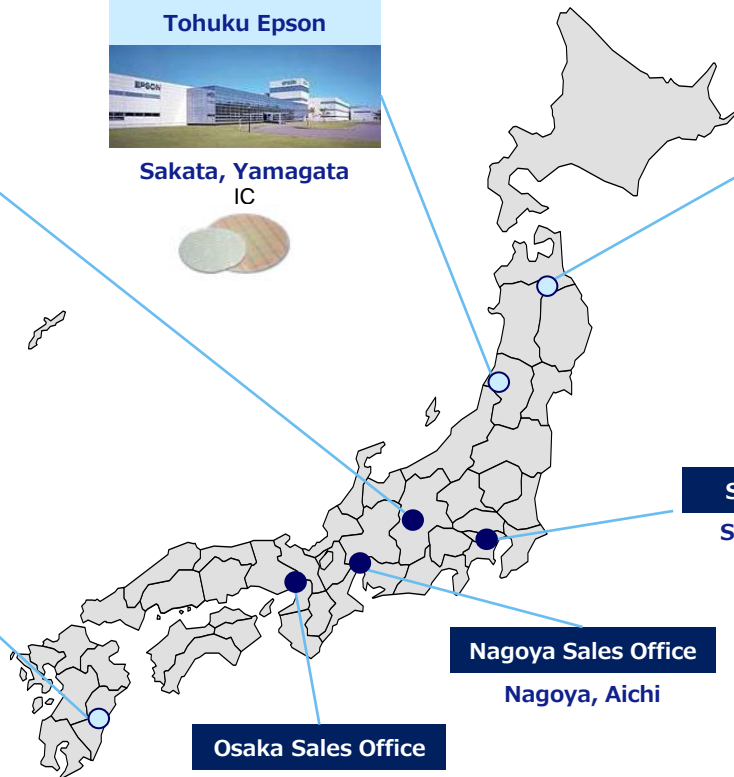
Epson Atmix

Hachinohe, Aomori
Synthetic Quartz



Miyazaki Epson Corp.

Miyazaki, Miyazaki
Crystal Chip, Synthetic



Shinjuku Office
Shinjuku, Tokyo

Nagoya Sales Office
Nagoya, Aichi

Osaka Sales Office
Osaka, Osaka

● Seiko Epson
○ Group Company

EPSZ
Epson Precision Suzhou
Co.,Ltd.



Suzhou, China

X'tal unit



Oscillator



EPMY
Epson Precision Malaysia
Sdn.Bhd.



Kuala Lumpur, Malaysia

X'tal Unit



Gyro



Oscillator



EPTH
Epson Precision (Thailand)
Ltd.



Chachoengsao, Thailand

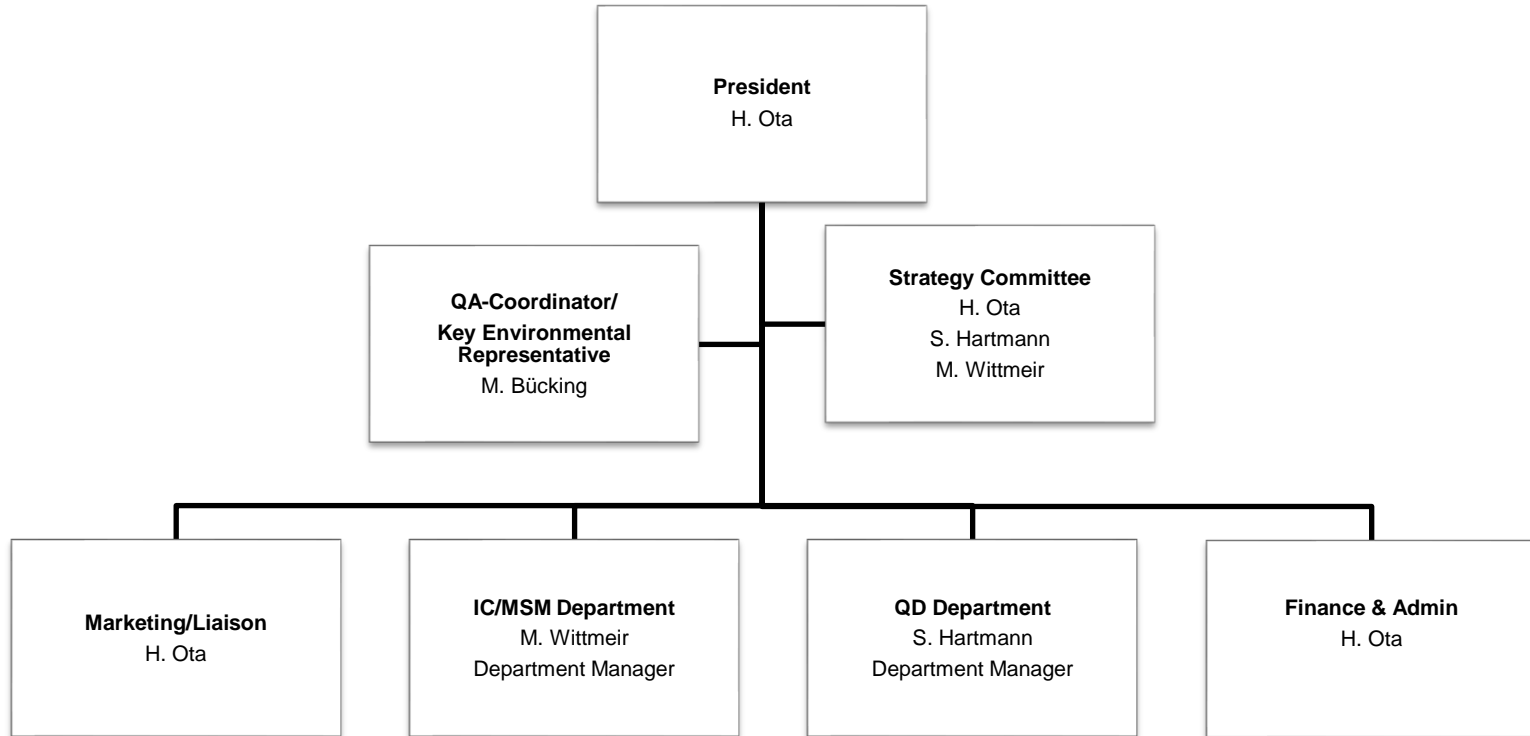
X'tal Unit



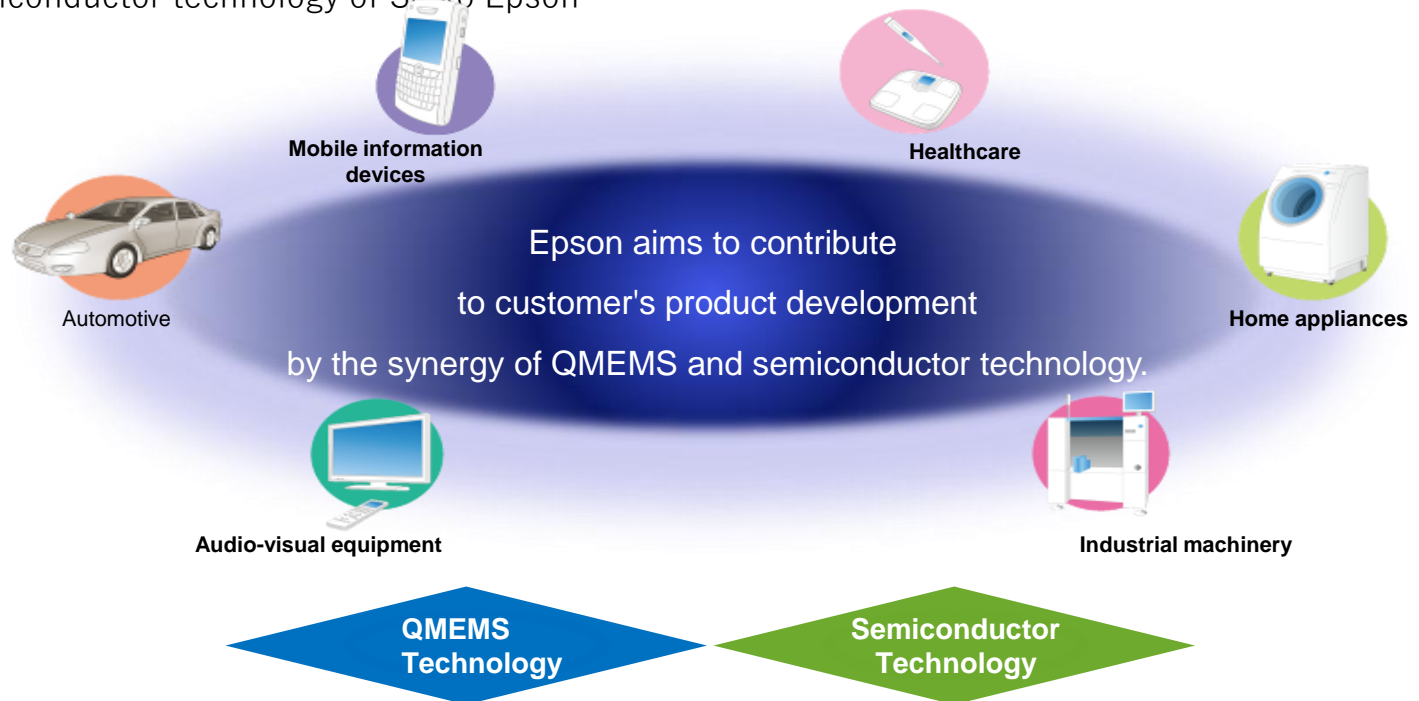
SAW

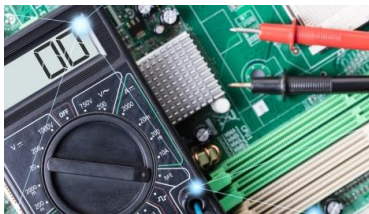


President:	Hiroshi Ota
Board of Directors:	H. Ota, K. Fujii, A. Fukaishi
Headquarters:	Munich, Germany
Nominal Capital:	2 Mio €
Share Holder:	Epson Europe B.V.
Establishment:	1 st of September 1989
Employees:	48 (2024)
Objective:	Marketing, engineering and sales of electronic devices of Seiko Epson Corporation within Europe, Middle East and Africa



- ❖ Seiko Epson group is one of the few company groups in the world which has both crystal / sensor technology and semiconductor technology.
- ❖ We will create value-added products for customers by combining QMEMS of Epson with semiconductor technology of Seiko Epson





Digital Meter



Automotive Display



Structural Health Monitoring



Telecommunication



Navigation



Home Appliances



Base Station



Manufacturing



Networking



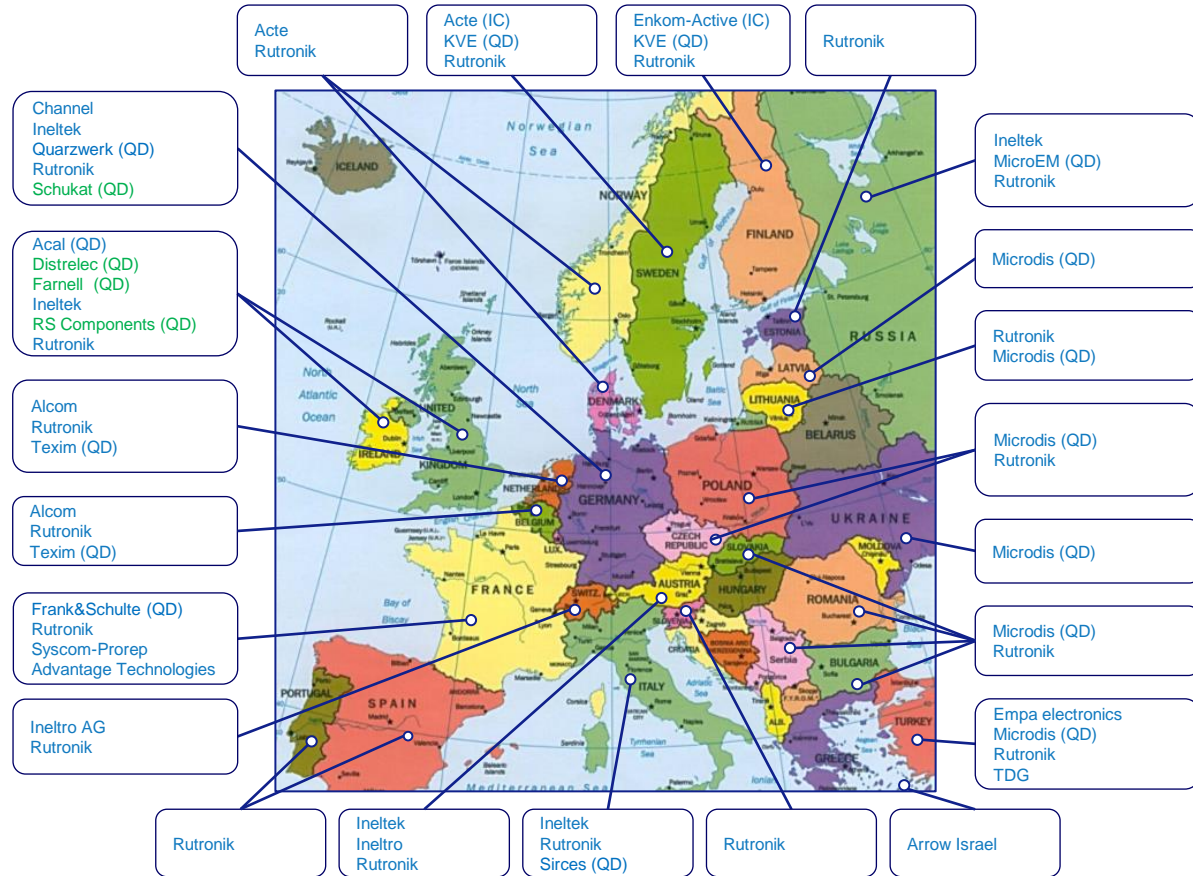
Bridge Monitoring



Remote Control



Healthcare



Societal Issues



Materialities

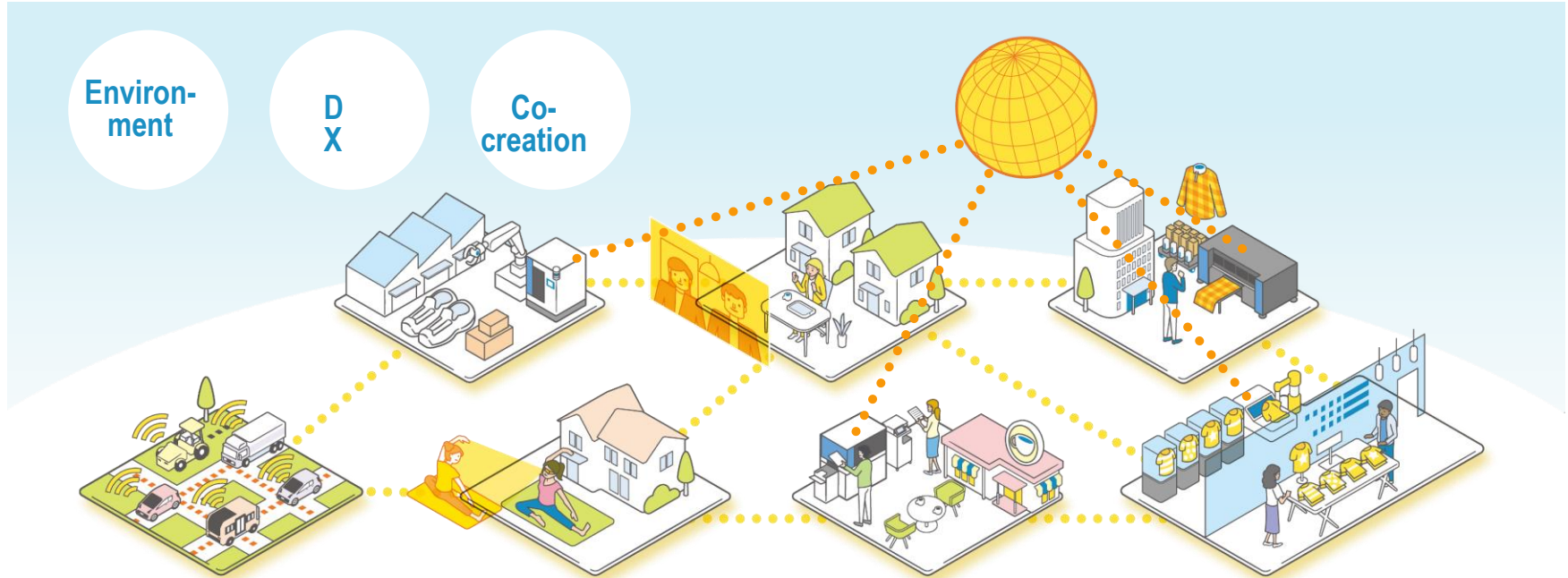
Epson sees **achieving sustainability in a circular economy**, **advancing the frontiers of industry**, and **improving the quality of life** and **Fulfill our social Responsibility** as key themes for solving societal issues.





Vision statement

Co-creating sustainability and enriching communities to connect people, things, and information by leveraging our efficient, compact, and precision technologies and digital technologies





Epson will become carbon negative and underground resource*₁ free by 2050 to achieve sustainability and enrich communities

*₁ Non-renewable resources such as oil and metals

Goals

- 2030: Reduce total emissions in line with the 1.5° C scenario*₂
- 2050: Carbon negative and underground resource*₁ free

Actions

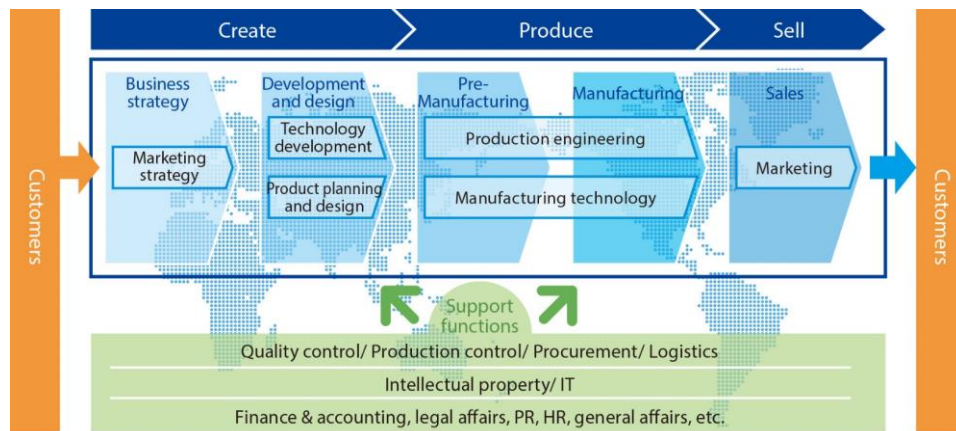
- Reduce the environmental impacts of products and services and in supply chains
- Achieve sustainability in a circular economy and advance the frontiers of industry through creative, open innovation
- Contribute to international environmental initiatives

*₁ Non-renewable resources such as oil and metals

*₂ Target for reducing greenhouse gas emissions aligned with the criteria under the Science Based Targets initiative (SBTi)



From product planning to sales and marketing and everything in between, our people work with partners around the globe to solve societal issues.



We aim to achieve the Epson 25 Renewed Corporate Vision by harnessing the collective strength of Epson employees, who are positioned to maximize their talents.

EPSON

Epson's corporate website
<https://corporate.epson>



Epson's official video channel
<https://www.youtube.com/user/epsoncorp/>



Epson's corporate LinkedIn page
<https://linkedin.com/company/epson>

