

Epson Developing Country Project

September 2024

Seiko Epson Corporation

Visual Products Operations Division

VP Business Development Department

1. Introduction of Epson Company Profile

2. Introduction of Epson activities

(1) Head Office : Sustainability activity

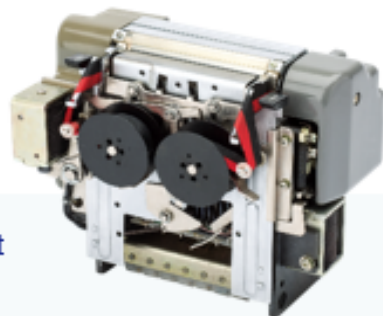
(2) Visual Products Operations(VP) Division: Developing country project

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

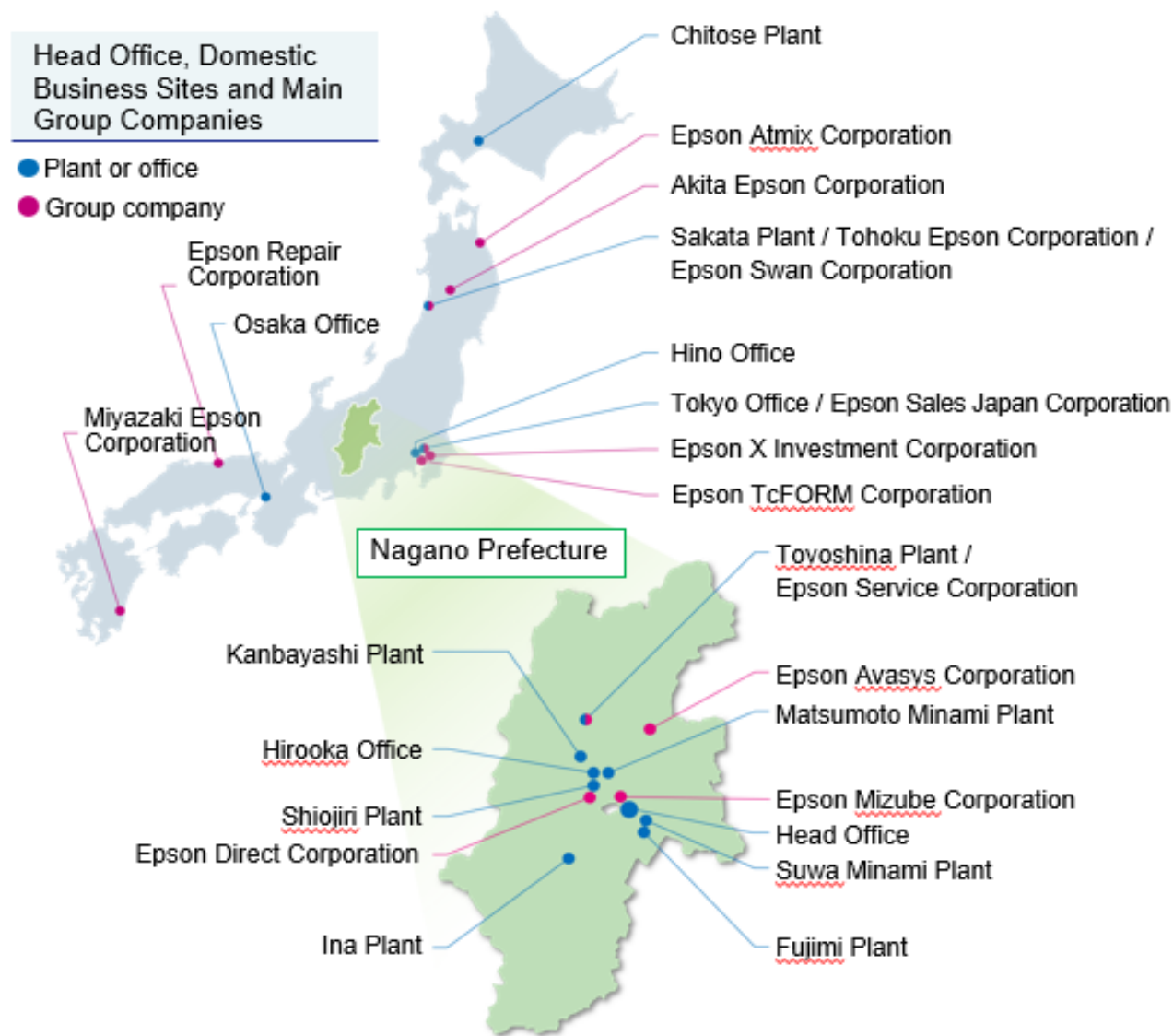
The origin of the Epson name

EP+SON=「EPSON」

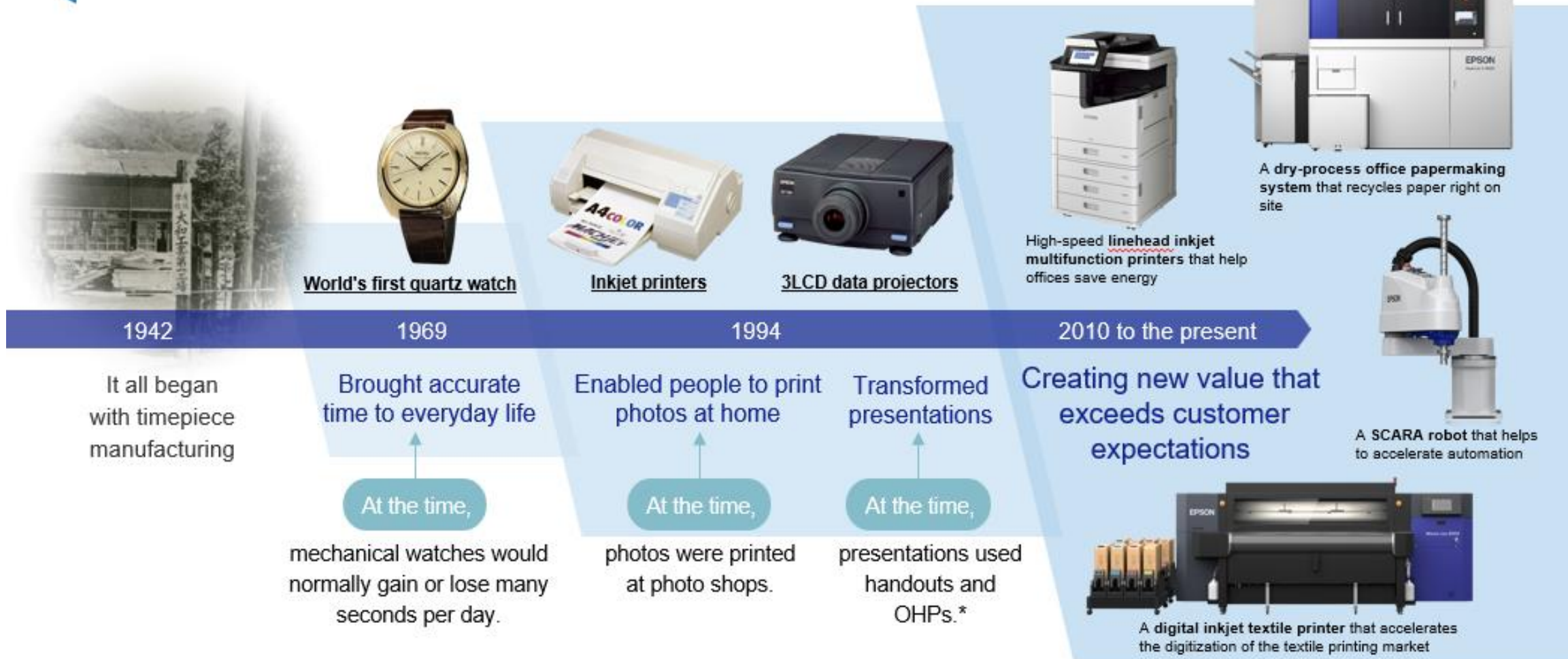
The Epson brand name comes from the EP-101, an electric printer that kicked off the company's expansion into the information equipment business. The "Ep" stands for "electric printer" and the "son" represents our desire to follow the original electronic printer with many more worthwhile products and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



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

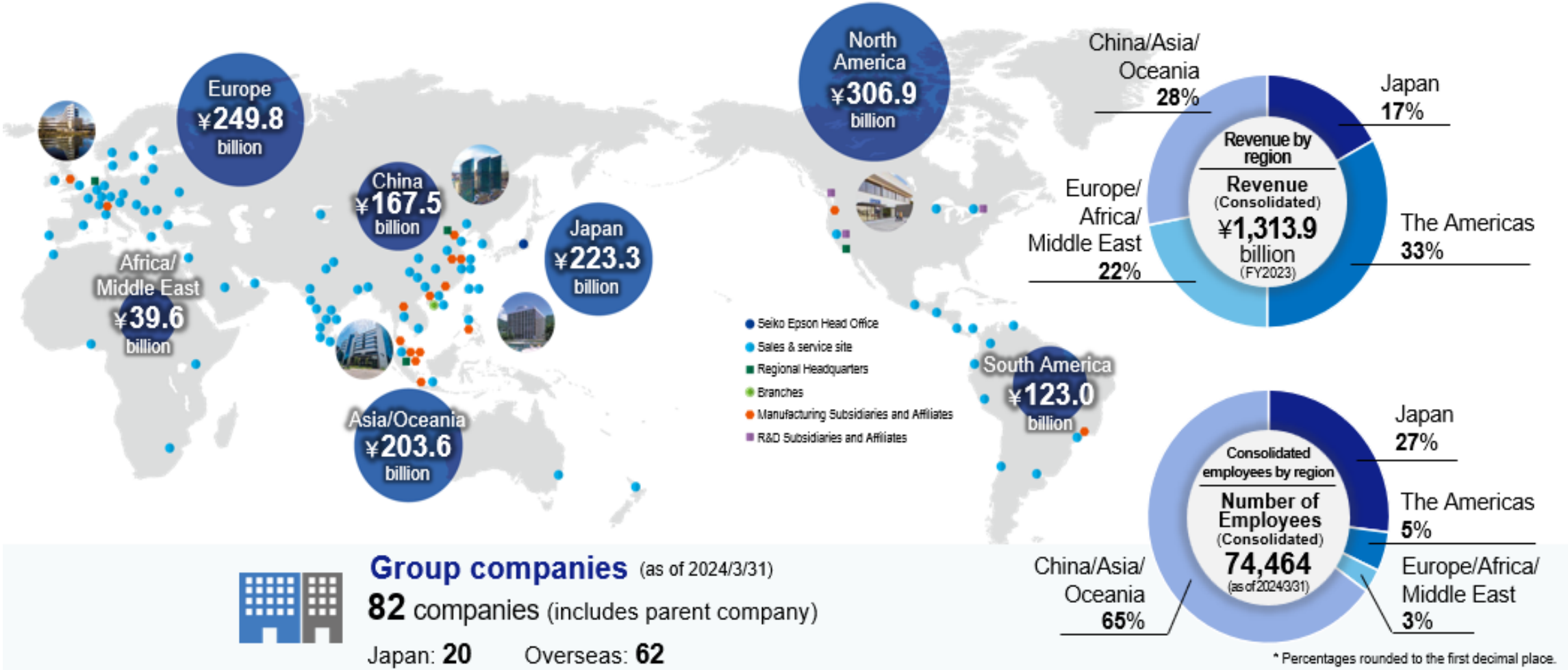


Epson has always used its original technology to create new value and change the way we live and work



* OHP (overhead projector): A device that projects images from a transparent sheet onto a screen

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.



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.

Our Corporate Purpose

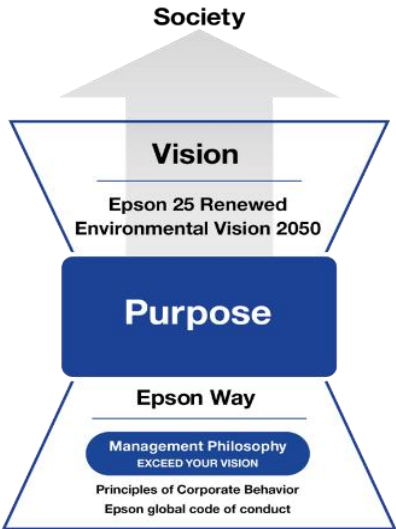


Epson was founded in Japan, a nation blessed with outstanding natural beauty and a rich cultural heritage. Our commitment to protecting such abundant gifts for future generations has never wavered. We constantly pay close attention to social issues and dedicate ourselves to addressing them, as our timely 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.

Corporate Purpose is at the heart of all Epson's corporate activities. This Corporate Purpose, "Our philosophy of efficient, compact and precise innovation enriches lives and helps create a better world," was established in September 2022 to define the kind of value that Epson provides to society and to demonstrate both inside and outside the Company its unique reason for being and aspirations. Epson will provide new value to society by realizing the Corporate Purpose through its vision, based on its management philosophy, which is the universal concept of the Epson Way that defines the Group's values and behavior. Through these efforts, we will strive to achieve sustainable growth and enhance corporate value over the medium to long term in the future.



JICA's trusted activities & network in developing countries will help Epson to use its technology for the benefit of people therein.

JICA

Connect the world with trust

Expanding private-sector partnership & Solving Challenges in Developing Countries

Partnership For

Quality Education for All Children

SDG 4: Acceleration of Quality Education for All

EPSON

Connect people, things & information with the technology

Improving the quality of education in developing countries



Signing Ceremony
(March 2022)

- (1) Proof of Concept (PoC) tests for contributing to the achievement of the SDGs
- (2) Promotion of innovation that contributes to solving social issues in education
- (3) Human resource development in developing countries
- (4) Promoting understanding of the SDGs in Nagano Prefecture

- 1. Introduction of Epson Company Profile**
- 2. Introduction of Epson activities**
 - (1) Head Office : Sustainability activity**
 - (2) VP Division: Developing country project**

Epson conducted study tours and internships for JICA's scholarship program students based on the partnership of JICA & EPSON for human resource development in developing countries.

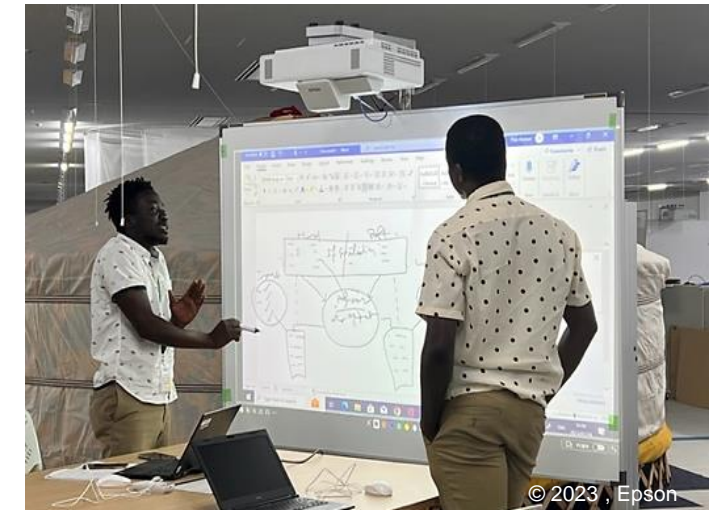
Study Tours
around Head Office region
(January , 2023)



Final Presentation
in Short Term Internship
(September, 2022)



2 ABE* initiative students participated
in Long Term Internship
(June - December, 2023)



*African Business Education for Youth : ABE
initiative students by JICA scholarship program

- 1. Introduction of Epson Company Profile**
- 2. Introduction of Epson activities**
 - (1) Head Office : Sustainability activity**
 - (2) VP Division: Developing country project**



1973

World's First Digital Quartz Watch with 6-digit LCD



1982

World's First TV Watch



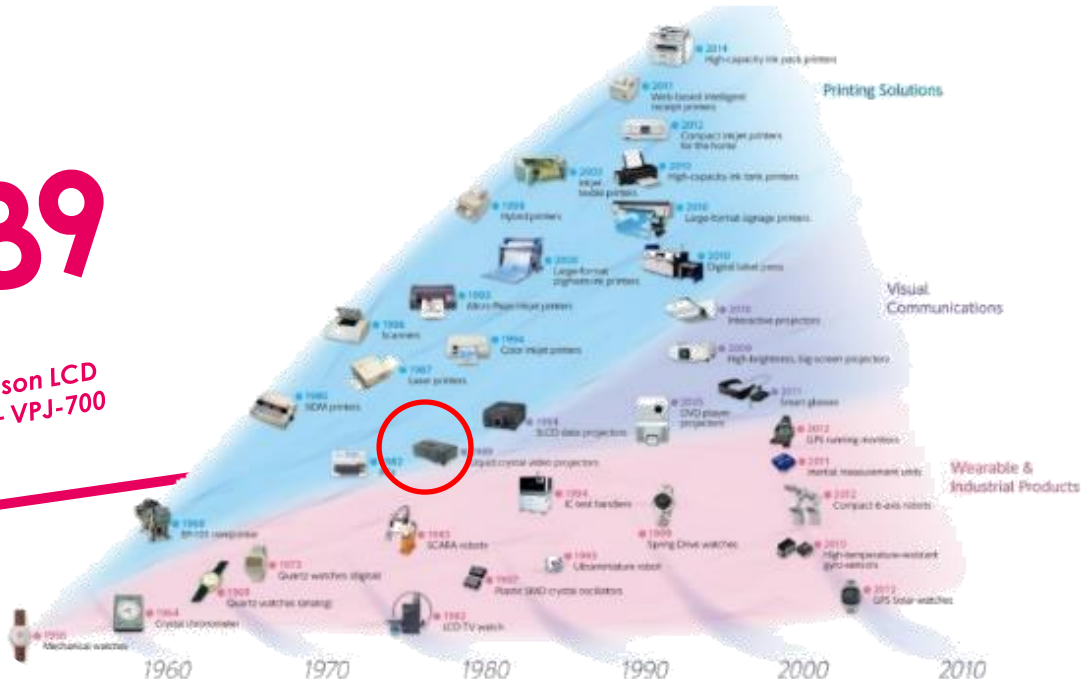
1985

World's First LCD Pocket Color TV



1989

The First Epson LCD Projector – VPJ-700



Connect people, things, information, and services with inspiring video experiences and quality visual communications to support learning, working, and lifestyles



Goal



Actions

- Expand usage environments and applications with large screens that offer high image quality and smart features
- Provide a much higher quality ICT learning environment by strengthening collaboration with partners
- Use lighting to produce spatial designs and art

Product Lineup

Projectors and smart glasses



High-brightness models



Lightweight compact projector with laser light source



Ultra-short throw wall-mounted models



Home Projectors



Smart glasses

Enable high-quality learning anywhere in the world.



Action

Provide a much higher quality ICT learning environment by strengthening collaboration with partner.

33 Million Units --- Worldwide cumulative shipment of the Epson projector.

1/3 - 1/2 of 33 Million Units --- In educational use.

Number of classrooms using Epson projectors

Total approx. ■

10 - 15 million

classrooms*

Number of students who were able to study using Epson projectors

Total approx. ■

1.5 billion

students*

***Number of classrooms and student is Epson's estimated calculation**

Trial calculation conditions:

Average projector usage time: 7 years;

assuming 1 projector per classroom

Approximately 60% of all educational projectors sold in the last seven years; (17.55 million units x 0.6 = 10.53 million units) *Currently used in about 10.53 million classrooms

Assuming an average of 35 seats per classroom (10.53 million x 35 = 368 million seats) Approximately 368 million people are currently studying, even without considering classroom transfers or continuous use for more than 7 years

Epson wants to contribute to providing the education to every child.



260 Million Children *

---- unable to obtain the opportunity to learn

610 Million Children *

----unable to obtain the preliminary learning skills such as reading and calculation

*Number quoted from JICA Global Agenda

© 2022 , Epson

Epson visited countries, Rwanda, Kenya, Malawi, South Africa and Senegal.



To address these problems, as one approach, lack of educational resources needs to be improved.



1. Limited learning



2. Limited teaching resources



3. Overcrowded classroom



4. Unused resources



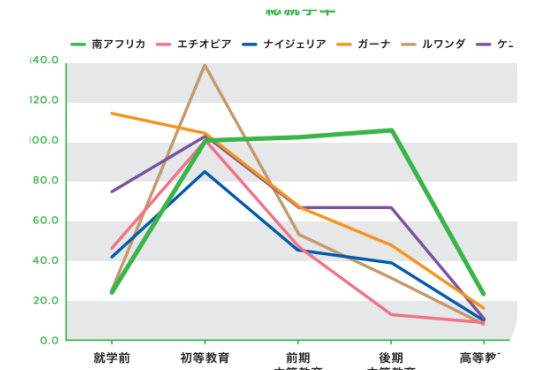
5. ICT Utilization



6. Power & Internet connectivity



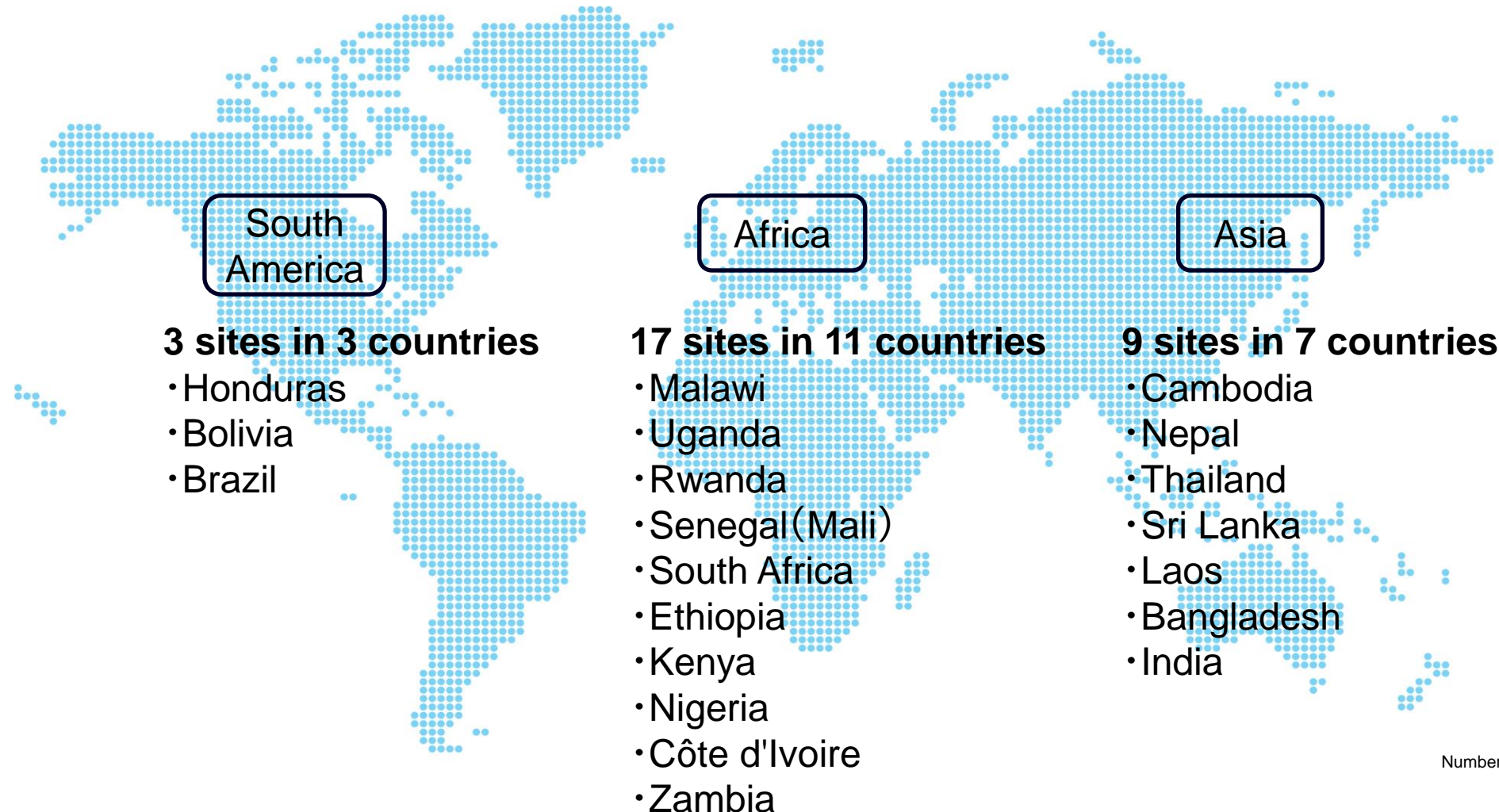
7. Classroom management



8. High repetition & drop out rates

(Source: The UNESCO Institute for Statistics)

JICA projects and volunteers, NGOs utilizes projectors in the world.
Currently main users are Japanese.



Number : As of 31 March, 2024

Projector can support teaching and learning in local primary schools.



People in local communities can also learn with projector.



P: Products

Connectivity with any device at anyplace & anywhere

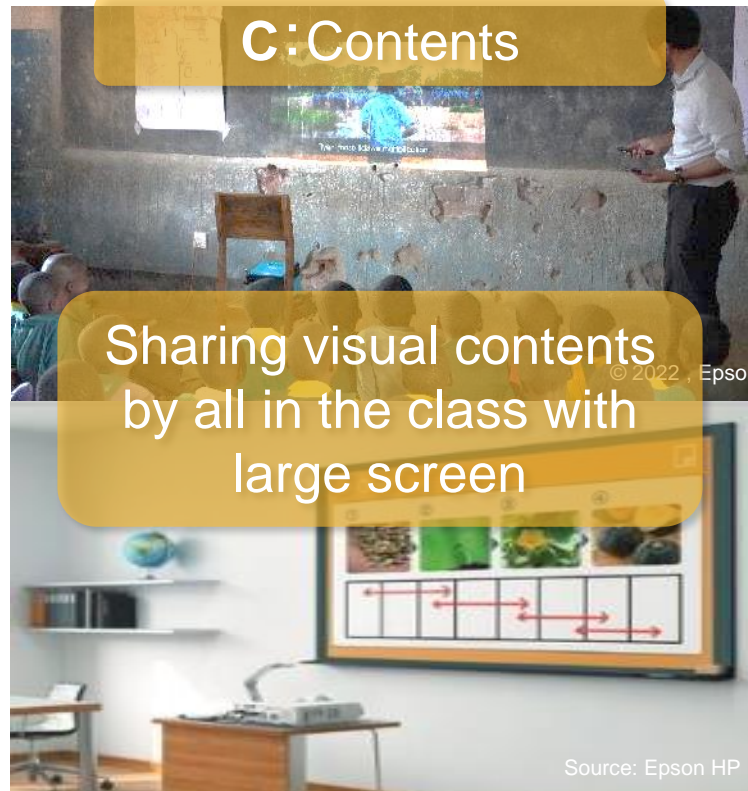


Capable to be used in the place where basic infrastructure is not in place.

- ✓ Projector ready for outdoors with high brightness screen
- ✓ Portable battery-powered
- ✓ P2P that allows seamless connection with any other input device
- ✓ Compact and portable package
- ✓ Low-end model with excellent value

C: Contents

Sharing visual contents by all in the class with large screen



Providing the all through the large screen with learning contents that help the conceptual understanding and promote mutual recognition.

- ✓ Video content (NHK, etc.) to help students understand concepts
- ✓ Digital optimal class design
- ✓ Emotional educational content that promotes mutual recognition

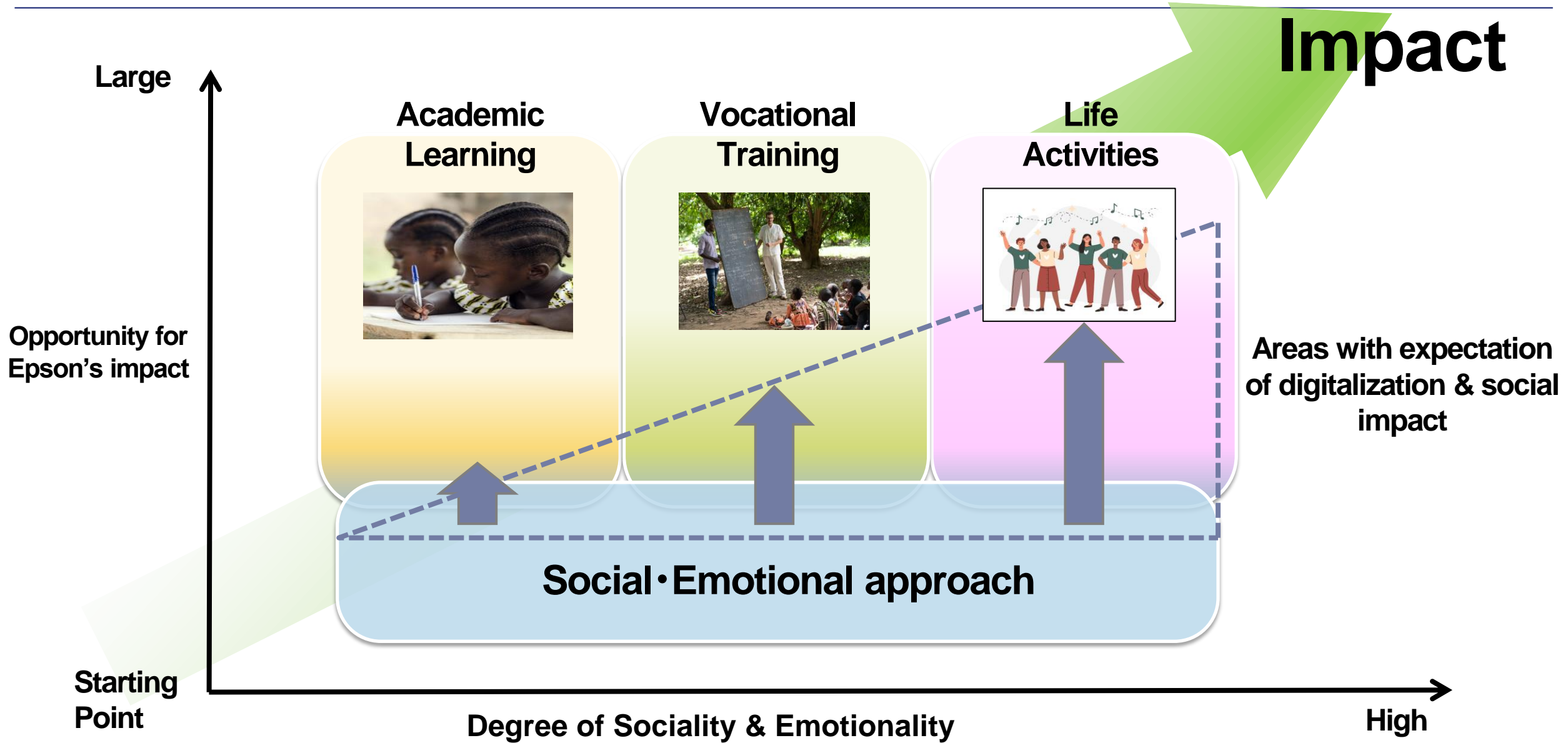
O: Operation

Easy use by non-tech savvy teachers



Teacher support to foster 21st Century Skills in Children

- ✓ Creating the assist site to support teachers
- ✓ Building a community to disseminate Good Practice for the improved education
- ✓ Biz Model creation to increase teachers' incentives for the improved education



Selected as the best country due to its political stability and growing economy
from low to middle income country

Distance from Tokyo to Dakar 22,240 km

Independent from France in 1960, Population Approx. 18 million

Stable public safety and political stability

GDP \$1600 per capita Economic growth 4~5%

Fish and Rice industry

**Unemployment rate 50% JICA focused supporting country for education,
Private sector cooperation growing**

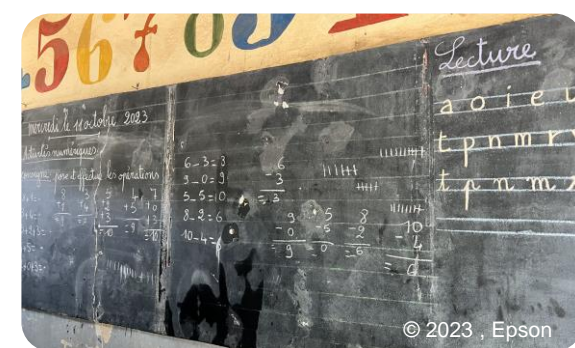
3 students per one desk



School building



Non-ICT equipped Classroom



EPSON