

DIPLOMATIC BRIEFING | APRIL 3<sup>rd</sup>, 2024

# SENAI: EDUCATION, INNOVATION, AND TECHNOLOGY FOR INDUSTRY COMPETITIVENESS

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GENERAL DIRECTOR

**SENAI**

*Brazilian National Service for Industrial Training*

THE FUTURE OF WORKFORCE

# National Service for Industrial Training

National reference in supporting technology and innovation in industrial companies of all sizes and segments. For 8 decades, it offers professional initiation, undergraduate, and postgraduate courses for employees in 28 sectors of the Brazilian industry.

**TVET and Higher Education**

**RD&I**

**Technology Services**



# SENAI in numbers (2023)

**5.301**

Covered cities  
(95% of Brazilian  
territory)

**27**

Brazilian States

**510**

Fixed operating  
units

**521**

Mobile operating  
units

**+ 3MM**

Enrollments per year

**89MM skilled workers**

**28**

Innovation  
Institutes

**59**

Tech  
Institutes

**+33k**

Attended  
Companies  
RD&I and Tech  
services

**+2MM**

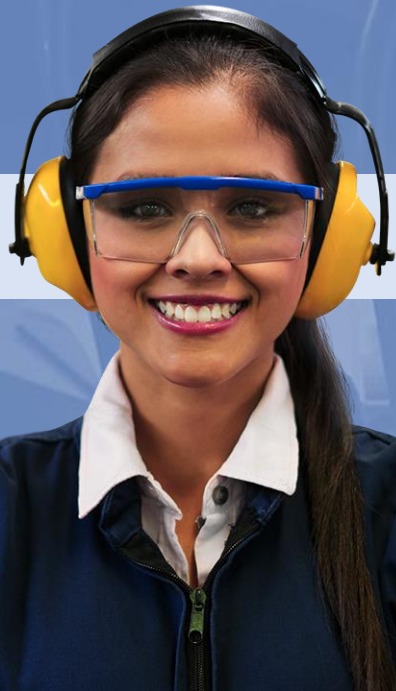
Lab Tests

**+3k**

RD&I projects for  
Industry

**+ R\$ 2 bi in RD&I projects for Industry**

# TVET and Higher Education



Programs	Short courses	Diploma course	Technologist	Bachelor's degree
<b>Total instructional time</b>	160 h.	800 h.	1600 h.	3600 h.
<b>Duration</b>	Ca. 6 mo.	1-2 yr.	2-2½ yr.	4-5 yr.
<b>Entry requirements</b>	None	Be attending secondary education or have completed it	Have completed secondary education	Have completed secondary education

## Educational curricula aligned with industry needs



# RECOGNIZED

## BY **BRAZILIAN** **INDUSTRY**



91,7% of Brazilian companies prefer to hire SENAI's graduates



99,4% of SENAI alumni would recommend SENAI courses to others



90,8% of SENAI Higher Education alumni were hired in 2023



84,4% of SENAI TVET alumni were hired in 2023



# AMERICAS' LEADING TVET INSTITUTION\*

*\*According to ILO*

AMONGST THE BEST TVET institutions in the World

-  1º China
-  2º Russia
-  3º **Brazil**
-  4º South Korea



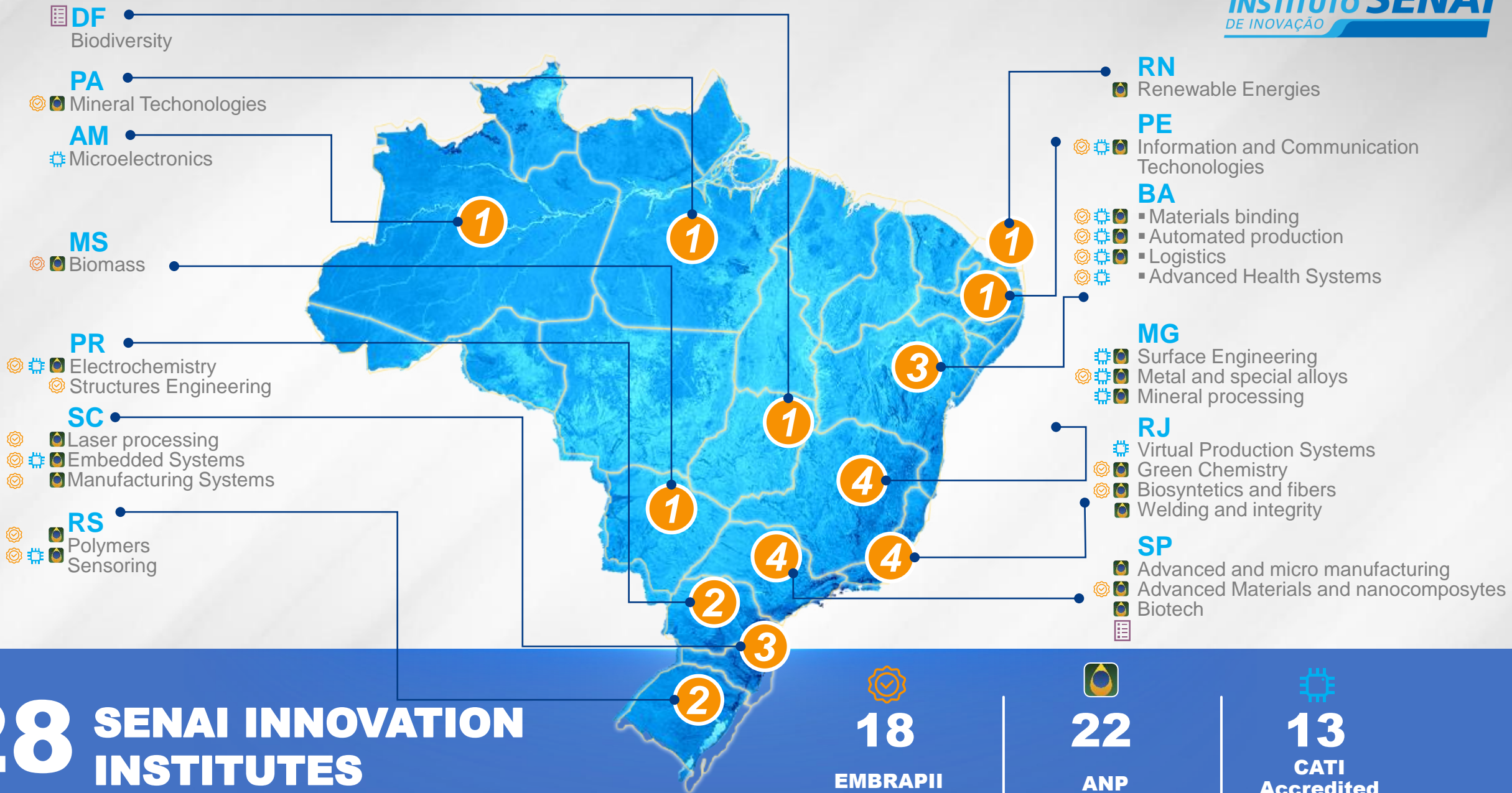
International Organizations recognize SENAI as:



TVET model in Latin America



A Leading Actor in SSC for Education

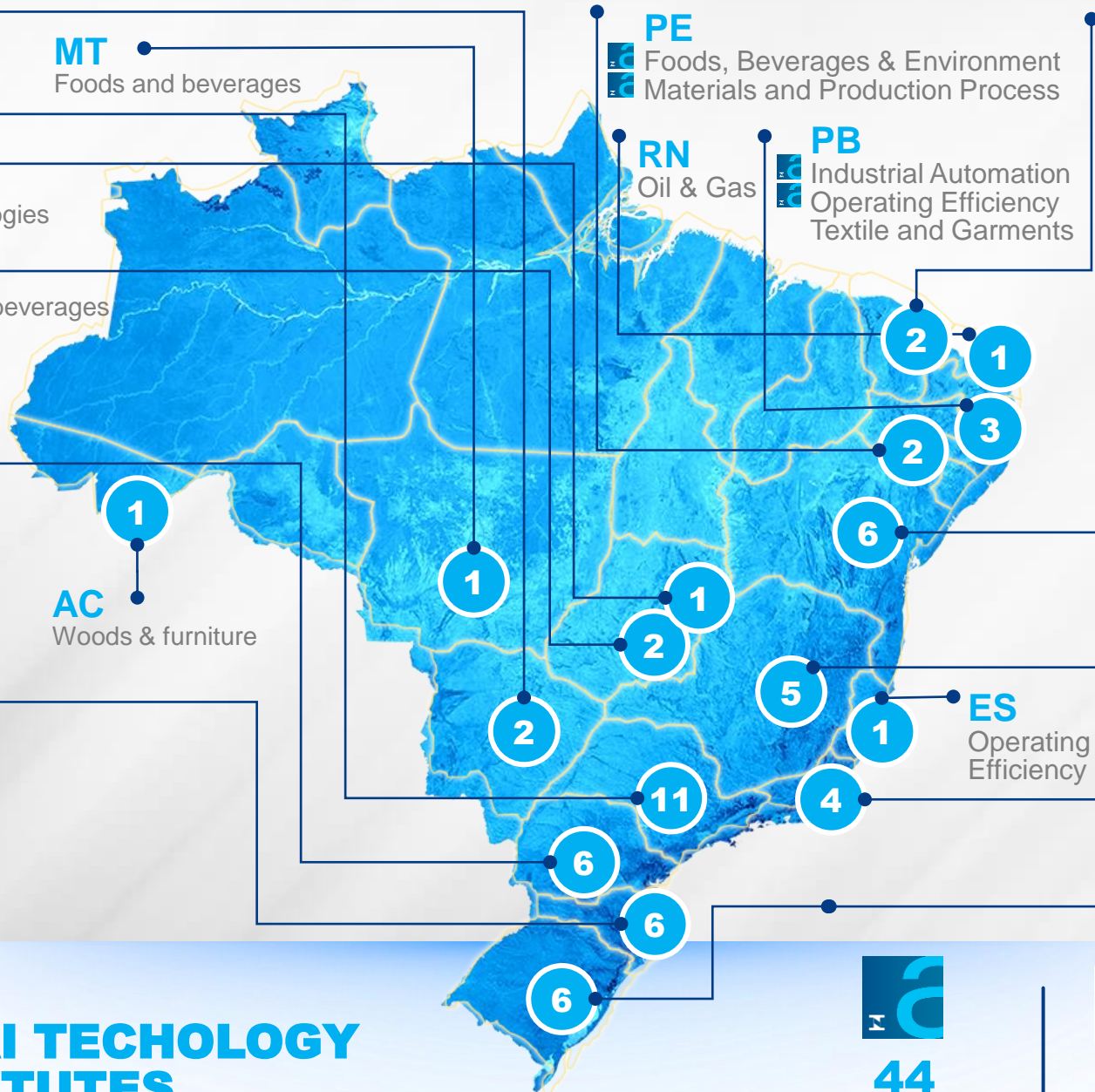


**18**  
EMBRAPII  
Accredited  
units

**22**  
ANP  
Accredited  
units

**13**  
CATI  
Accredited  
units

Under development units



**MS**  
Foods and beverages  
Operating Efficiency

**MT**  
Foods and beverages

**PE**  
Foods, Beverages & Environment  
Materials and Production Process

**CE**  
Electrometalmechanics  
Renewables

**SP**  
Foods and beverages  
Building technologies  
Leather & Shoes  
Electronics & Automation  
Energy  
Environment  
Metalmechanics  
Metalurgy  
Assisting Technologies  
ICTs  
Textile, Fashion & Garments

**DF**  
Building Technologies

**GO**  
Foods and beverages  
Automation

**RN**  
Oil & Gas

**PB**  
Industrial Automation  
Operating Efficiency  
Textile and Garments

**BA**  
Foods and beverages  
Building Technologies  
Electroelectronics  
Electrometalmechanics  
Environment  
Chemistry, Petochemistry & Refinement

**PR**  
Building Technologies  
Woods & Furnitures  
Environment & Chemistry  
Metalmechanics  
Paper & Celulosis  
ICTs

**AC**  
Woods & furniture

**MG**  
Foods and beverages  
Automotive  
Environment  
Metalmechanics  
Chemistry

**RJ**  
Automation  
Chemistry & Environment  
Welding  
Textile & Garments

**SC**  
Foods and beverages  
Environment  
Production Logistics  
Mobility ad Renewables  
Ceramics  
Textile, Garments & Design

**ES**  
Operating Efficiency

**RS**  
Foods and Beverages  
Shoes & Industrial Logistics  
Leather & Environment  
Woods & Furnitures  
Mechatronics  
Oil, Gas & Energy

**59**

**SENAI TECHNOLOGY  
INSTITUTES**



**44**  
CGCRE  
Accreditations



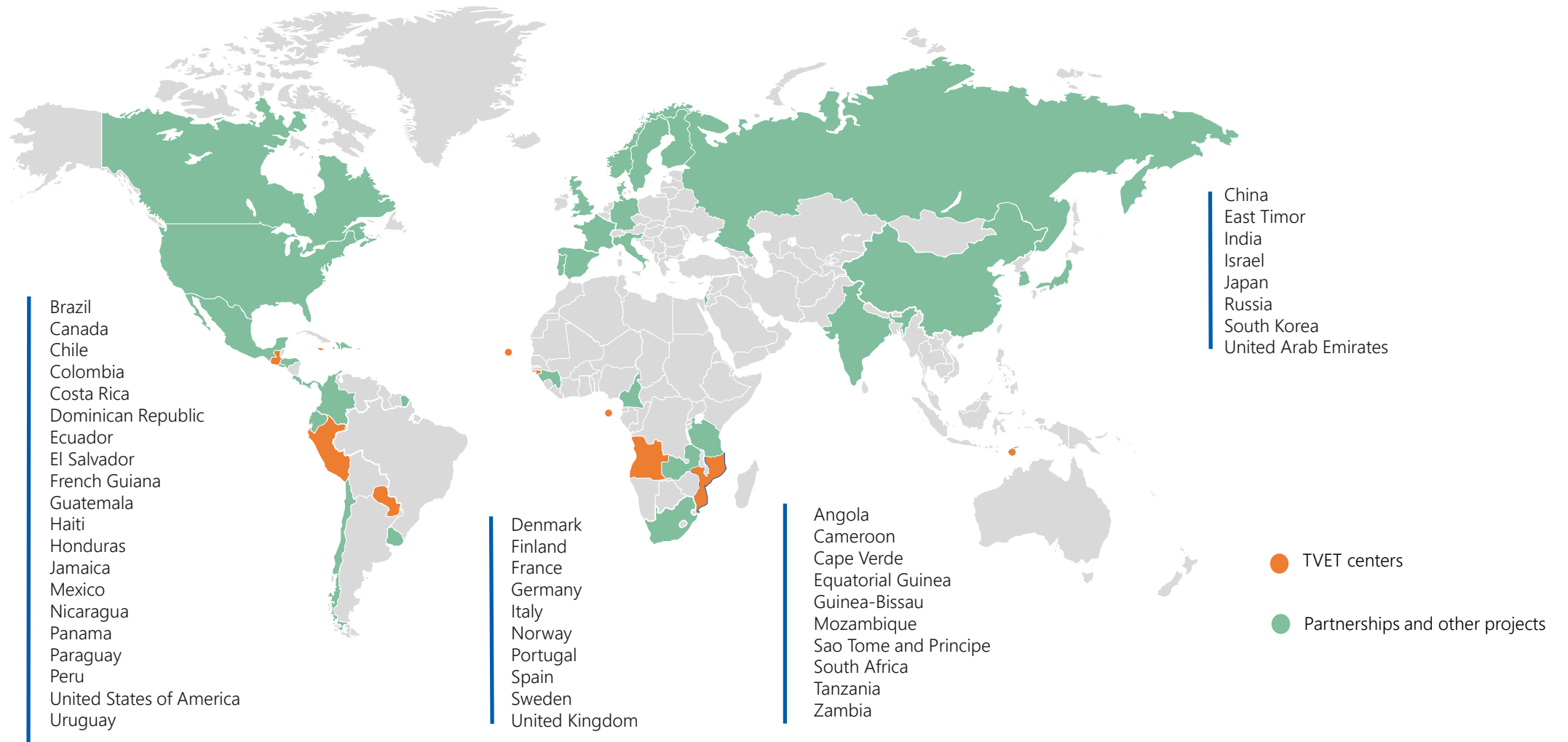
**02**  
MAPA  
Accredited Units



**04**  
REBLAS ANVISA  
Accredited Units



# SENAI ABROAD



# LONG HISTORY OF INTERNATIONAL COOPERATION IN INDUSTRIAL TRAINING

- **10 INDUSTRIAL TRAINING CENTERS ABROAD** in Africa, Latin America and Asia with SENAI know-how;
- **EACH CENTER IS SPECIALIZED IN SOME SKILLS**  
For example: industrial mechanics, agriculture heavy machines, environment, automobile;
- **SENAI TEAM STAYS IN LOCO** from the conception of the center until its implementation and graduation of the first classes.
- **SENAI WORKS IN CLOSE COORDINATION WITH NATIONAL COOPERATION AGENCIES**, mainly the Brazilian Cooperation Agency (ABC) and Japan's International Cooperation Agency (JICA)



## SENAI INDUSTRIAL TRAINING CENTERS ABROAD



## OTHER INTERNATIONAL COOPERATION PROJECTS



Brazil-Mozambique Industrial Training Center



Digitalization of TVET Delivery for OFPPT from Morocco



Implementation of Toyota Academy in Angola



Strengthening public policies and technical capabilities to foster innovation in agroindustry and cosmetics MSEs



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