Organised by: HRD CORP Human Resource Development Corporation

In collaboration with: International Labour Organization; IOE; ASEAN

Supported by: Ministry of Human Resources

In conjunction with: ASEAN Year of Skills 2025; ASEAN Malaysia 2025 Inclusivity and Sustainability; Kesuma for ASEAN

Airline Partner: malaysia airlines

SENAI Brazilian National Service for Industrial Training

BRAZILIAN NATIONAL SERVICE for INDUSTRIAL TRAINING - SENAI

Global Skills Forum 2025
Sector specific experiences of SSBs and knowledge sharing

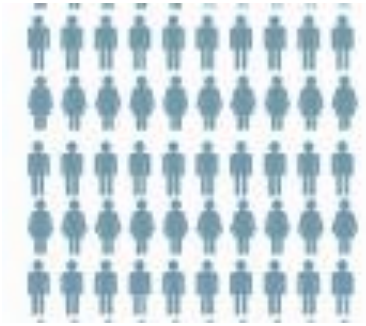
ASEAN YEAR OF SKILLS 2025 | Global Skills Forum

The Role of the Private Sector in Skills Development: Driving Innovation and Impact

Importance of Industry for Brazil

- 25% of Brazil´s GDP
- 68,7% of Brazil´s exports of goods and services
- 66,8% do corporate investment in research and development
- 35,2% of federal tax revenu (excluding social security contributions)

Workforce of industry for Brazil



The industry employs **11.5 million** workers in Brazil

21% is the share of industry in **formal employment** in Brazil

Reference year: 2024

Reference year: 2024

Historical Milestones

Creation of the National Confederation of Industry (CNI) in 1938

Decree-Law No. 4,048, January 27, 1942

Creation of SENAI: to train skilled labor to boost the industrialization of Brazil.

Pioneer Model

Establishment of a financing system by the industry itself (contributions of 1% of the payroll), ensuring autonomy, sustainability, and alignment with the real needs of the sector.

Expansion

Consolidation as the largest private network for professional education in the Americas

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CNI Brazilian National Confederation of Industry

SENAI Brazilian National Service for Industrial Training

27 STATE FEDERATIONS

National Department	CNI	SESI	SENAI	IEL
Regional Departments	Industry Federations	SESI	SENAI	IEL

SENAI offers:

- **TVET and Higher Education**
- **RD&I**
- **Technology Services**

→ **to enhance the competitiveness of brazilian industry**

Historical development: Brazilian industrialization and SENAI

Since its **creation in 1942**, SENAI has trained more than **92 million workers** in programs ranging from the more basic level of vocational education up to technological graduation and advanced graduate programs

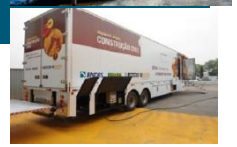
CNI Brazilian National Confederation of Industry

SENAI Brazilian National Service for Industrial Training

SENAI in Numbers 2024

512 Operational Units

512 Mobile Units, Two based on boats



59 SENAI Institutes of Technology

28 SENAI Institutes of Innovation

5.206 Cities Benefitted in Brazil (93%)

3.1 MM Enrollments in TVET

107.901 Techology and Innovation Services provided

2.69 MM Lab Tests Developed

34.200 Technology and Innovation Services rendered to industry

SENAI Brazilian National Service for Industrial Training

TECHNICAL AND VOCATIONAL EDUCATION AND HIGHER EDUCATION FOR INDUSTRY

SENAI COLLABORATORS

+35.547 Employees

+15k Teachers and professors in TVET and Higher Education

ANNUAL BUDGET:

USD 2,1 billion

Reference year: 2024

Industry Areas

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Food and Beverage	Construction - Building techniques	Logistics	Chemistry	Shipbuilding
Audiovisual and Digital Animation	Construction- Facilities	Wood and Furniture	Refrigeration and Air Conditioning	Metalworking - Mechanics
Automation and Mechatronics	Construction- Heavy	Enviroment	Safety at Work	Metalworking- Mechanical Manufacturing
Automotive	Energy GTD	Metrology	Telecommunications	Metalworking - Metallurgy
Biofuels	Energies Renewable	Mining	Textile	Metalworking- Welding
Pulp and Paper	Management	Non-metallic Minerals	Transport Aeronautics	Information Technology - Hardware
Shoes and Leather	Printing and Publishing	Oil and Gas	Rail Transportation	Information Technology - Software
Electro-electronics	Jewelry	Polymers	Clothing	

PEOPLE

Hi, my name is **Lucas**, I'm 16 years old and I'm in high school

I'm **Kevin**, I'm 19 and I'm lookin for my first job.

I'm **Carlos**, I'm 31, I work in the industry and I want to Grow professionally.

My name is **Julia**, I'm 42, I work in the industry and I want to pursue my second postgraduate degree.

Nice to meet you, I'm **Francisco**! I'm 45 and I'm a self-employed entrepreneur

Hello, my name is **Arnaldo**, I'm 63 and I was close to retirement

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Creating opportunities and building solutions for people...

SENAI Brazilian National Service for Industrial Training

Programs	Short courses	Diploma course	Technologist	Bachelor's degree
Instructional time	+220 h.	+1200 h.	+ 1600 h.	+ 3600 h.
Duration	Ca. 6 mo.	1-2 yr.	2-2½ yr.	4-5 yr.
Entry requirements	None	Be attending upper secondary education or have completed it	Have completed upper secondary education	Have completed upper secondary education

SENAI TVET Methodology: Educational curricular aligned with industry needs

1 Observatories
Job market | Technology | Education

2 Products
Prospective studies | Labor Market Map

3 Composition of the sectoral technical committee
Specialized professionals
- Companies
- Professional associations
- Universities
- The public sector

4 Innovation and Technology Institutes
Technology

5 Market mapping (AI)
Vacancies | Profiles

SENAI METHODOLOGY

TECHNICAL AND VOCATIONAL EDUCATION FOR THE INDUSTRY

SENAI Brazilian National Service for Industrial Training

Professional profile drawn up in line with industry demand and future work trends

Collaboration and autonomy, according to learners' pace and objectives

Adoption of novel technologies, such as digital teaching resources, interactive remote classes and virtual labs practice

Basic and soft skills across all professional profiles, comprising communication, security, IT, quality, productivity (lean), sustainability (green skills), foundations of Industry 4.0, innovation and entrepreneurship

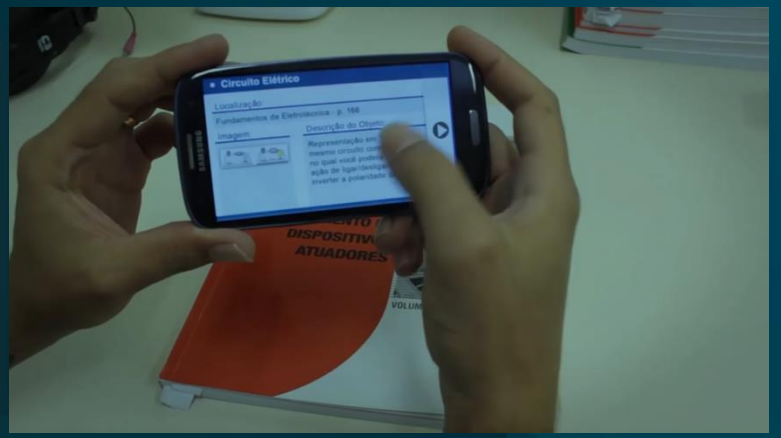
Competency-based training with an **emphasis on practical application** in solving real problems (hands on approach).

Diverse and flexible learning paths to meet the diversity of training demands

Infrastructure aligned with aligned with the industry's demands and the job market.

SENAI SCHOOLS

Intensive use of educational technologies



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Digital Experience Plataform

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Meet NAI

SENAI's artificial intelligence

Your smart assistant to boost your career, advance your education, and explore new industry opportunities.

Generative AI

Generative NAI is SENAI's AI created to assist with studies, answer questions, and explore topics related to industry and education.

Career Support

Nai guides your professional development, helping you chart improvements and recommend SENAI courses to boost your career.

Language Proficiency

With Nai, the Language Proficiency Test offers an accurate and personalized assessment of your reading and comprehension skills.

SENAI Brazilian National Service for Industrial Training

RECOGNIZED BY BRAZILIAN INDUSTRY

- 91,7% of Brazilian companies prefer to hire SENAI graduates
- 99,4% of SENAI graduates would recommend SENAI courses to others
- 89,3% of SENAI higher education graduates got a job placement in 2024
- 85,6% of SENAI TVET graduates got a job placement in 2024

A LEADING TVET INSTITUTION IN LATIN AMERICA

According to ILO

SENAI recognized by **international organizations:**

- TVET model in Latin America
- A Leading Actor in South-South Cooperation in TVET

AMONG THE BEST TVET institutions in the World

WORLDSKILLS 2024 – Achievements

worldskills Lyon2024

2nd place in the points ranking, 7th place in the medal ranking

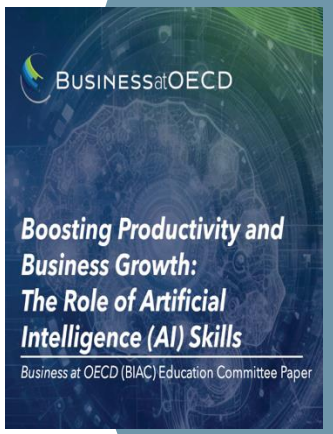
SENAI - TVET AND HIGHER EDUCATION

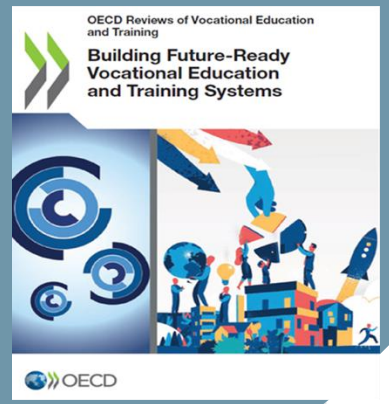
From a course school to a CARRER SCHOOL

SENAI'S DIGITAL TRANSFORMATION

UNESCO, the ILO, the OECD, the European Union, the World Bank and the World Economic Forum have all highlighted SENAI's work in training the

professionals of the future





STIWG Recommendation Initiatives

Recommendation 1

Expand reskilling initiatives in high technologies and green transformation areas to support workforce adaptation to future skills.

Competitions

- BRICS Future Skills and Technology Challenge (BRICS Skills Competition) (China)
- BRICS High Tech Future Skills Competition (Russia)

Standardization

- BRICS Standardization Working Committee for Skills and Technology, issuing Skills Passports as certificates of skill accreditation (China)

Auditorium

- BRICS Auditorium of Skills Development and Technology Innovation (Brazil)

Recommendation 2

Promote the collaboration between the business community and the government in TVET + HE and labour agendas focusing on skills development in emerging fields and high technologies.

Applied Research and Innovation

- BRICS Technology Innovation Competition and Exhibition (China)
- BRICS+ Alliance of Science and Technology Innovation (China)
- BRICS Technological Platform / Archipelago (Russia)

Employability Platform

- BRICS Future Skills Training Base (China)
- BRICS Global Remote Employment Platform (Russia)
- Cross Border Upskilling Experience (UAE - new)
- Contrate-me (Brazil - new)
- Futuro Digital (Brazil - new)

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