



# Education, Innovation and Technology For Industrial Competitiveness

SENAI – Brazilian National Service for Industrial  
Training

  
worldskills  
Croatia  
Conference



**SKILLS (R)EVOLUTION**

Empowering the future with  
skills development and TVET

14 October 2025 - Dubrovnik, Croatia





# CNI & SENAI

- ✓ National Confederation of Industry (**CNI**)
  - Industry Administration
- ✓ National Service for Industrial Training (**SENAI**)
  - Established in 1942
  - The largest private TVET network in Latin America
  - Funding - 1% from Industry payroll
  - Fee exemption based on bylaws

## Mission

To promote professional and technological education, innovation, and the transfer of industrial technologies, contributing to increasing the competitiveness of Brazilian industry.





# SENAI in Numbers

**512** Operational Units

**512** Mobile Units

**2** School Boat

**93.5%** municipalities benefited

**3.1 MM** Enrollments





## TVET and HE

## Innovation Institutes

## Technology Institutes

### Apprenticeship & Professional Learning



#### Qualification Training

160 h



#### Technical Education

800 h

### Higher Education



#### Technologist

1600 h



#### Bachelor's degree

3600 h

Research, Development and Innovation for Brazilian industry

Connecting industry and academia

Technological, metrological and consulting services for Brazilian industry

Improving and increasing productivity and efficiency



# Strategy

- Educational curricula aligned with industry needs
- PDCA Cycle on educational system environment

01



## National Curricula

- 20% Customized by region
- Updated by sectoral technical committee
- Soft Skills

02



## TVET Large-Scale Assessment

- 40 TVET courses/year
- 43,000 Students on theoretical evaluation
- 23,000 students on practical assessment

03



## WorldSkills Competition

- Regional Competitions
- National Competition
- Technological modernization of schools and technical training

04



## Prospective

- International Cooperation
- Digitalization
- ESG and Green Technology
- Future skills



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# Thank you for your attention!

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