

SENA's transformation

Brazil, October 2009



Premises

- 1.SENA: an institution of alliances
- 2.SENA: an institution offering answers
- 3.SENA: an institution of projects
- 4.SENA: an institution promoting entrepreneurship values, leadership, solidarity, critical ability and freedom of thought
- 5.SENA: the largest coverage



SENA: an institution of alliances



3,779 Agreements

International Agreements

Agreements with Town Halls

Agreements with Enterprises and Unions

Agreements with Training Institutions



**SENA: an institution
offering answers**

**Flexibility
Acceleration
Anticipation**



Valuable areas to compete

- Animated Contents, 3D games and productions
- Assisted Design (PLM Tools)
- Nanotechnology
- Telemedicine
- Agronomics
- BPO and KPO
- Logistics
- Software Design, Programming and Development
- Applied Biotechnologies



Integration with Secondary Education (Video)



384,556 students and **2,614** schools
by September, 2009

TECHNO-ACADEMIES

Basic sciences applied to labour
and professional performance



SENA: an institution of projects

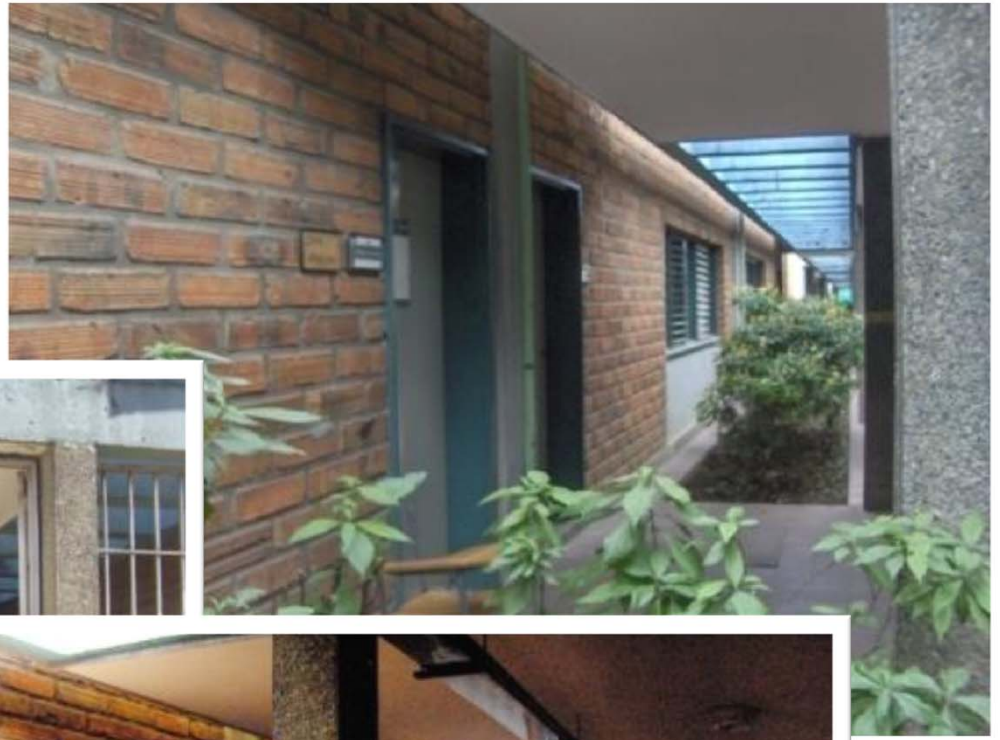
- Four knowledge sources
- Competency-based development approach
- Project-based learning





BEFORE: only one knowledge source

BEFORE



New learning environments

**INFORMATION
SYSTEMS**

**TRAINER
(Promoter)**

ENVIRONMENT

TEAMWORK



Four Knowledge Sources

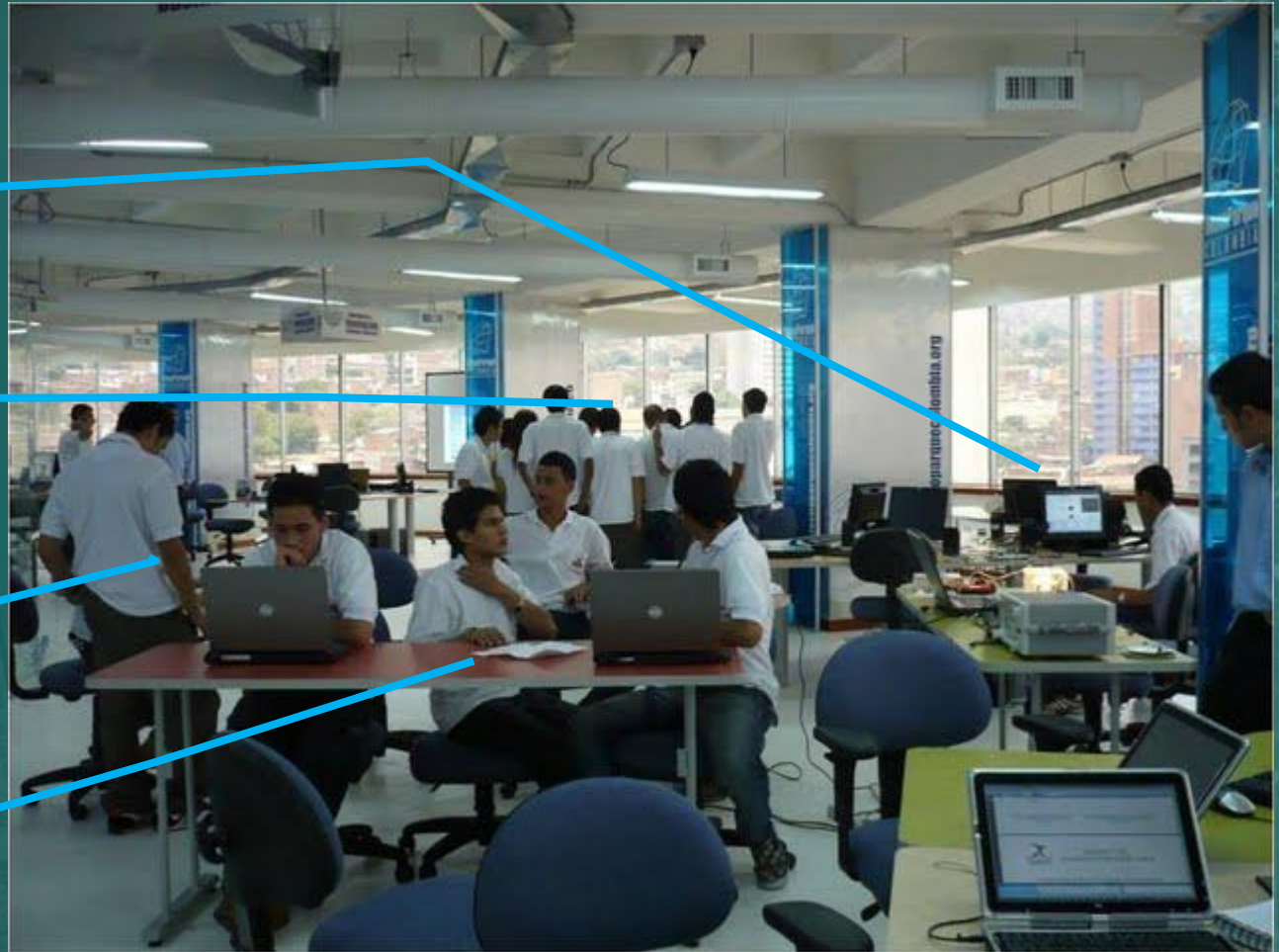
New learning environments

**INFORMATION
SYSTEMS**

**TRAINER
(Promoter)**

ENVIRONMENT

TEAMWORK



Four knowledge sources

New learning environments

**INFORMATION
SYSTEMS**

**TRAINER
(Promoter)**

ENVIRONMENT

TEAMWORK



Four knowledge sources



After



TechnoParks Network Colombia



Rural Young Entrepreneurs

5,500 projects by 2010



**SENA - An institution
promoting values in
trainees, while
sustaining its learning
model**



Technology convergence

Dynamic Attendance



SENA GAMERS



BLOGS



SOCIAL NETWORKS



PODCASTING



VIRTUAL WORLDS



MOBILITY

Strategies for content-development by trainees:

Communication leaders

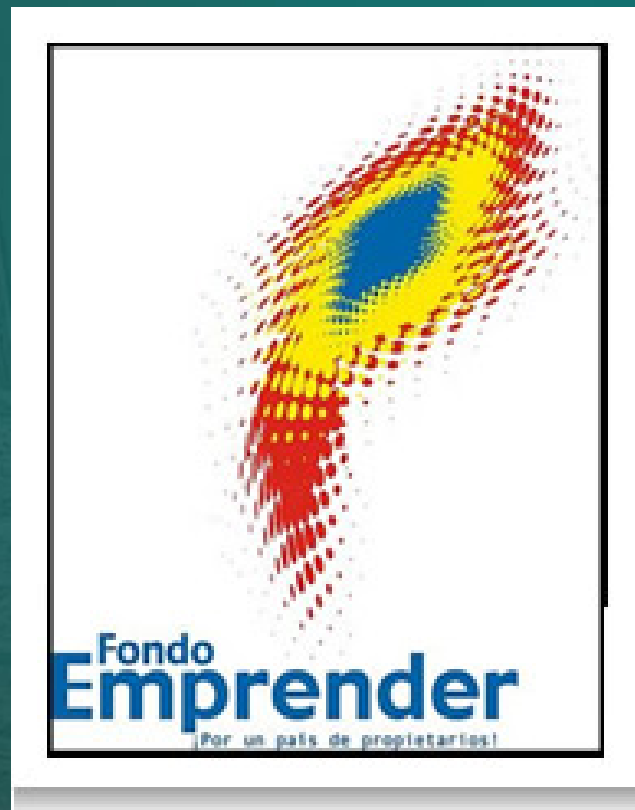


**Creative
leaders and
entrepreneurs;
freethinkers,
with critical
ability and
solidarity**



Entrepreneurship

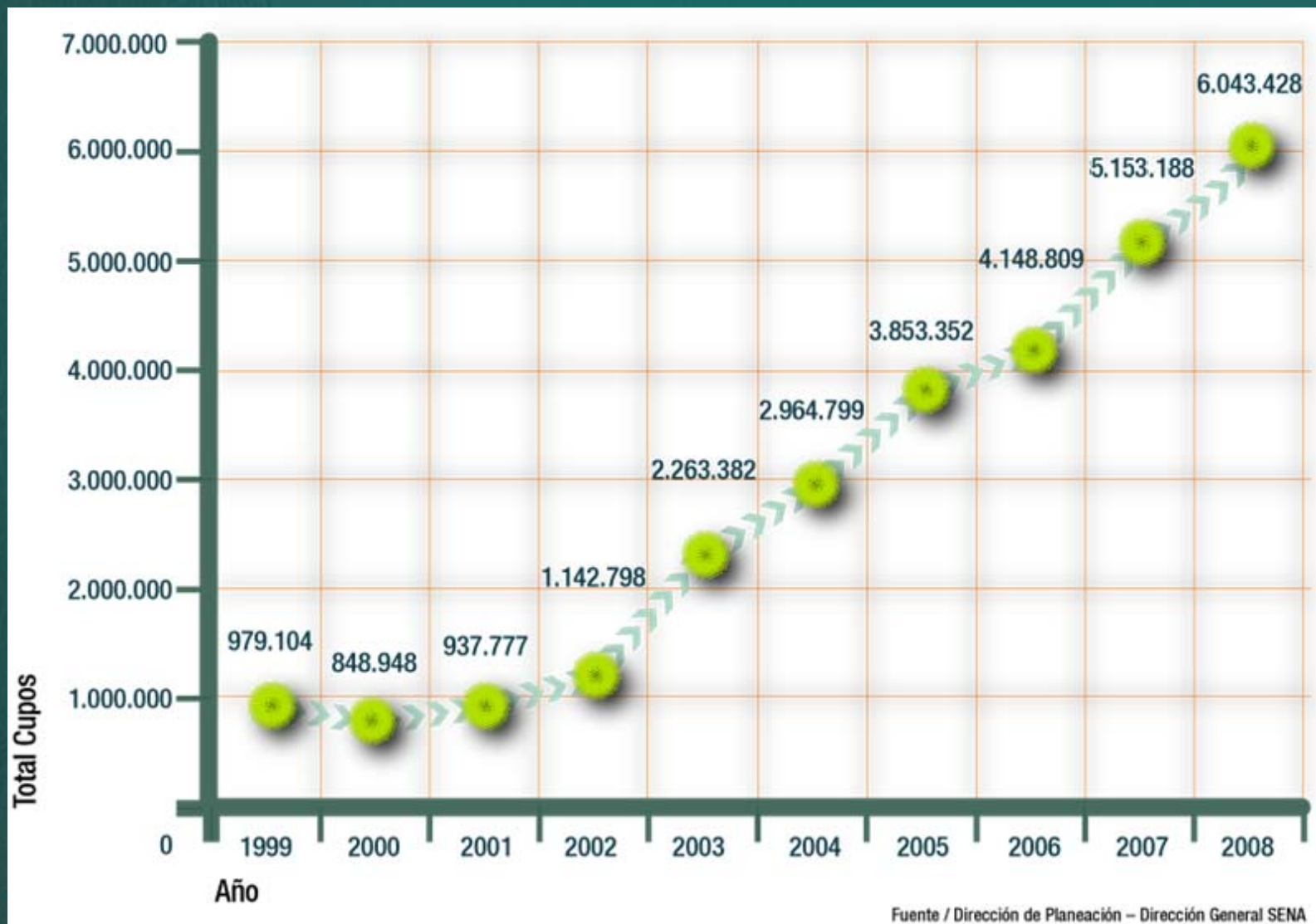
- 35,000 Business plans presented
- 1,885 approved
- 380 Enterprise Units



SENA: the largest coverage



Quotas for students in training 1999 – 2008. **2009 GOAL: 6,500,000**



Coverage throughout the national territory



2002



NOW



267 Training Centres
129 Specialized laboratories

Virtual SENA

2,895,745 – 918,812 trainees (English)

October 2009

160 countries

431 courses offered

6,600 daily enrolments
in average



BILINGUALISM



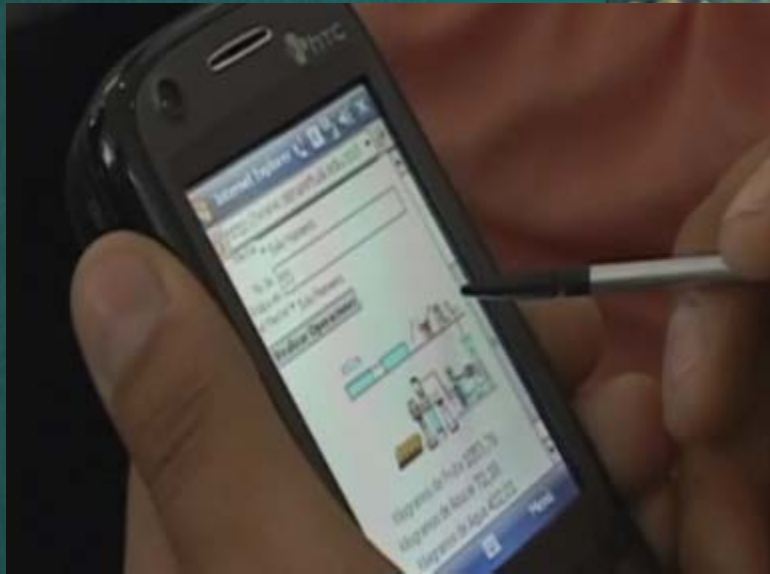
REMOTE TRAINERS



MOBILE CLASSROOMS: 400 mobile classrooms by 2010



Mobile SENA (Video)



2,585 ACCESS DEVICES
(Smart Phone)



SENA **changes youth,** and
youth changes the country



Darío Alonso Montoya Mejía
Director General
SENA

dmontoyam@sena.edu.co

