

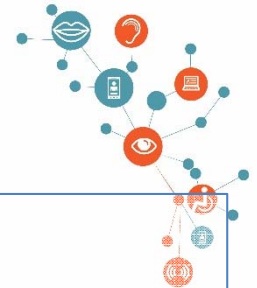
## **Accesible America IV: *ICT for ALL*** **Session I**

**The national effort in Costa Rica to promote accessibility:  
trends; legal and regulatory reforms made in  
telecommunications and accessibility in the region.**

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Executive Director**

**National Resource Center for Inclusive Education  
Ministry of Public Education**

**San Jose Costa Rica  
November 21, 2017**



## Ministry of Public Education

- **National Program of Mobile Technologies Tecno@prender**
  - Initiative oriented to the development of Costa Rican education
  - Inclusion of digital technologies in teaching and learning processes
  - Supports the educational curriculum
    - Encourages access and productive use of technology in the educational community
    - Stimulates the development of critical and divergent thinking
    - Promotes innovation in the practices of teachers, through optimal learning environments





**Department of Special Education and  
Direction of Technological Resources  
MEP**

**In the context  
Tecno@prender**

- Seven models of educational action
- The set of intervention strategies that allow the inclusion of Mobile Digital Technologies (MDT)
- They stimulate the development of critical, divergent thinking and technological fluency among others

**Tecno@cceso**



With the project or model

**Tecno@cceso**

Provide technological equipment for students with disabilities

- 43 schools and 7 special education centers
- Investment: 526.131.234 colones

Virtual courses promoted by

**Tecno@prender**

131 trained teachers



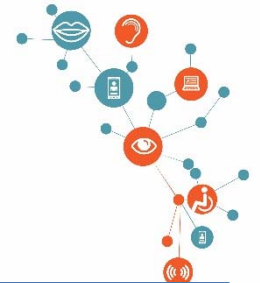
## National Resource Center for Inclusive Education

**CENAREC-MEP**

Actions have been developed through:

- Technical Assistance Department (DAAT in Spanish)
- Regional Offices located in Limón, Coto, San Carlos and Liberia
- Center for the production of educational materials in Braille system, relief, macro and sound (CEBRA)





# DAAT y Regional Offices:

Provide advice on the design, adaptation and evaluation of support products required by students with disabilities, from the Costa Rican education system.

Provide the technical criteria for the MEP to provide these support products according to the needs of each student.

It offers:

- Advice and follow-up on products to support the student population with disabilities in the national education system.
- Loan of support products in counseling processes for students with disabilities.



## Technical Assistance Department and Regional Offices

The "Procedure for granting the product to support students with disabilities" in coordination with the Direction of Equity Programs of the Strategic Control Unit of the MEP

- 1107 students who have benefited throughout the country (2008-2017)

Training in technological support products

- 27 Regional Education Directions

**People with disabilities and support products**



Organization and participation in exhibitions and technology fairs on support products.



## Technical Assistance Department and Regional Offices

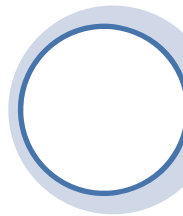
### Orientation to related professionals, family and teachers

- Thematic associated to:
- Disability
- Inclusive education
- Support products

### Technical advice on support products, inclusive education and the social model of disability

- Private educational centers
- Government and non-governmental institutions
- Institutions of higher education

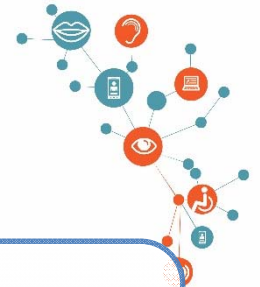




**Center for the production of educational materials in Braille system, relief, macro and sound (CEBRA)**

Advising students with special educational needs associated with disability, family members and professionals in terms of design, adaptation of technical aids, which favor autonomy and equal opportunities for access to education





### CEBRA

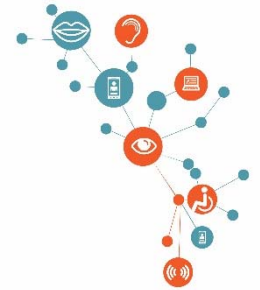
- Center attached to CENAREC, whose primary objective is the adaptation of educational materials for the population with visual disabilities.

### Adaptation of educational material

- Braille system, relief, macro or sound.

Advice on the use of electronic equipment (computers and mobile devices) to guarantee access to information for the visually impaired population.

- Users with visual disability
- Family
- Computer teachers, I and II Cycles and special education



# CEBRA

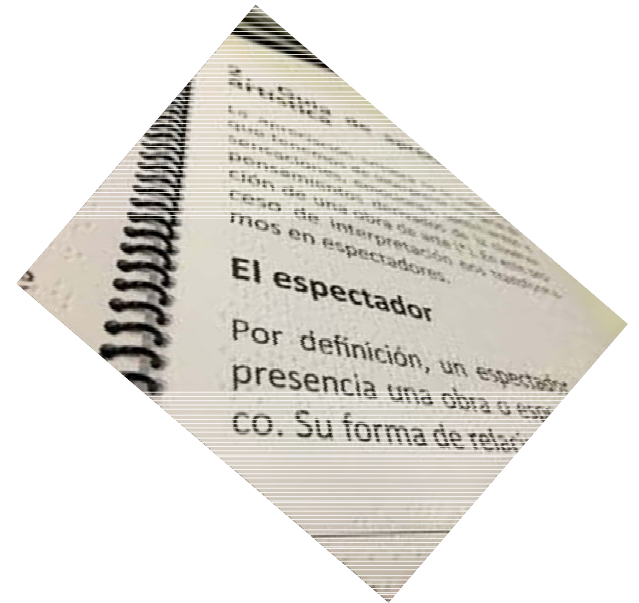


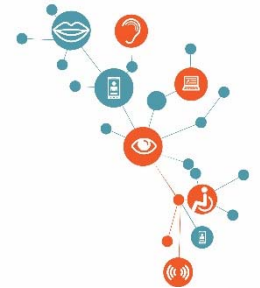
Training at special education teachers, in the field of visual support

- Preparation of documents in audio formats
- Transfer of information on paper to accessible digital formats

Access to information in digital media

- Magnifiers and / or screen readers, according to the recommendations of the W3C.





## Other actions

- FONATEL-CONAPDIS- CENAREC
- Application for support products for
  - 318 students and officials
    - Visual disability
    - Hearing disability
    - Physical disability
    - Cognitive Disability
    - Autism Spectrum Disorder.





**Thank you  
very much!**