Plan CEIBAL
One Laptop per Child and per Teacher

Miguel Brechner Boston 2008 May
Brief Data of Uruguay:
Population 3.3 Million
Size 173,000 Km²
GNP 19 billion (2006) Per Capita 5,800
Divided in 19 Regions
80% Urban 20% Rural
Very strong public education (85%).
Literacy Rate 97%.
Public Schoolchildren and teachers 350,000 total
Pillars of Plan Ceibal

**Equity** – All Children and Teachers in Public School receive a Laptop

**Learning** – New tools for learning, new contents, new forms of education

**Technology** – Wireless Internet Connection in Schools, Public Places and many homes.

**Commitment** – Strong leadership of President Vazquez.
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Main Goals

- **Insure** equal access to information and knowledge.
- **Increase** the learning and education opportunities.
- **Achieve** social inclusion.
- **Invest** in human capital to position Uruguay as a leader in the region.
- **Reach** sustainability after 2009 (0.05% GNP)
- **Country** and people empowerment
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Implementation

● Ceibal Steering Committee
  ● Educational Committee
    ● Training of Teachers
    ● Education Programs
    ● Portal Needs

● Latu
  ● Technology-Support
  ● Logistics
  ● Impact Measurement
  ● Software and Applications
  ● Voluntary Work
  ● Parents Participation
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• Brief History of 2007
  December 06  President announces Ceibal
  May 07      Cardal School Pilot
  July 07     Tender for 100,000 Laptops, Servers and Connectivity
  October 07  Tender is Awarded
  November 07 Deployment in Florida (6,000 units)
CEIBAL 2008-2009

- Laptops delivered between April 08 and 15 May 08: 32,500.
- 1300 per day
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• Milestones
  
  **Rest of 2008**  Finish 18 regions to reach 220,000
  800 Servers
  Tender for Laptops and Connectivity

  **Year 2009**  Montevideo (capital)  110,000
  Private Schools  40,000
  New Students  40,000
  800 Servers

  **Connectivity**  300 meters maximum walk for internet
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• **Parallel Action**
  
  Region Definition
  
  Teacher Training and delivery of notebooks
  
  Server and School Preparation
  
  Connectivity
  
  Children List
  
  Parents Meeting
  
  Delivery of notebooks to children
  
  Warranty and Tech Support
What have we learned after one year

- Preparing and training teachers is needed
- Children teach the teachers
- Parents get involved and want to be trained.
- Teachers resistance is overcome once 1:1 starts
- School is centre of life in town.
- Collaboration in all aspects is natural in IT environment
- Voluntary work is needed
- Planning – Improvisation
- New learning paradigm
Proyecto CEIBAL

What have we learned after one year

- Uses and applications never thought before (children side)
- Teacher motivation empowers project and new ways to teach flourish
- Major applications (Browsing, Camera, WP, Games)
- Servers have to be put in Secondary School
- Laptop program for Secondary teachers
- Technical Solutions for impaired children
Main Conclusions

Results are shown immediately
Courage is needed to do it. The future deserves it
Children and families desire this opportunity
School becomes a community for learning
A dream that started with few people becomes the dream of the country.
Muchas Gracias