Plan CEIBAL

One Laptop per Child and per Teacher

Miguel Brechner Boston 2008 May

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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

Latin America

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 .

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 empowernment

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Implementation

- **Ceibal Steering Comitee**
  - **Educational Comitee**
    - Training of Teachers
    - Education Programs
    - Portal Needs
  - **Latu**
    - Technology-Support
    - Logistics
    - Impact Measdurement
    - Software and Applications
    - Voluntary Work
    - Parents Participation

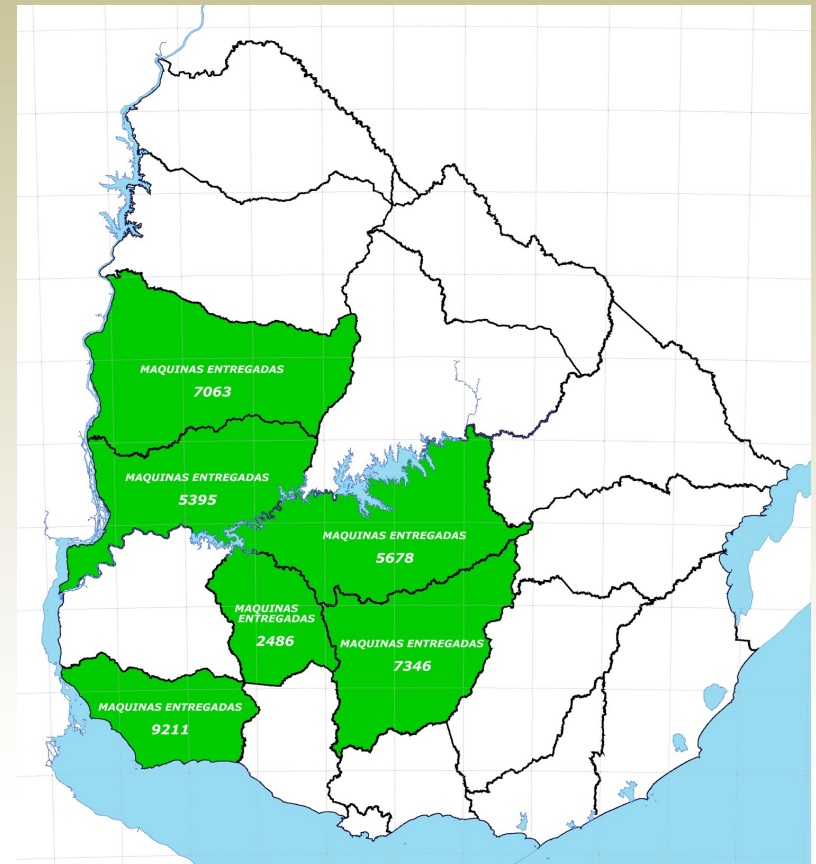Proyecto **Ceibal**

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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

MAQUINAS ENTREGADAS
7063

MAQUINAS ENTREGADAS
5395

MAQUINAS ENTREGADAS
5678

MAQUINAS
ENTREGADAS
2486

MAQUINAS ENTREGADAS
7346

MAQUINAS ENTREGADAS
9211

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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

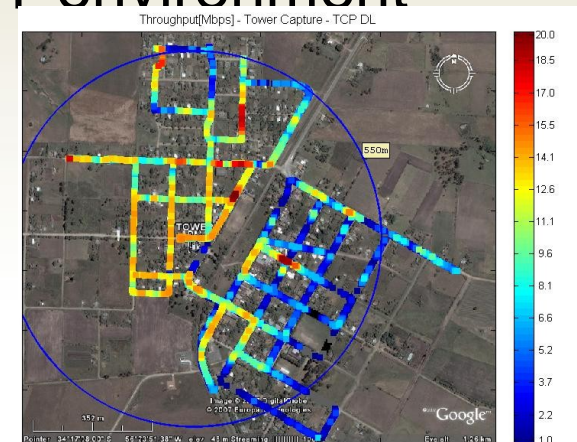 Delivery of notebooks to children

  Warranty and Tech Support

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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

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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

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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 comunity for learning

A dream that started with few people becomes the dream of the country.

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Muchas Gracias