

Inclusion, Technology & Pedagogy



Plan Ceibal

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737.000
beneficiaries

685.000

Users with laptops, tablets &
Internet

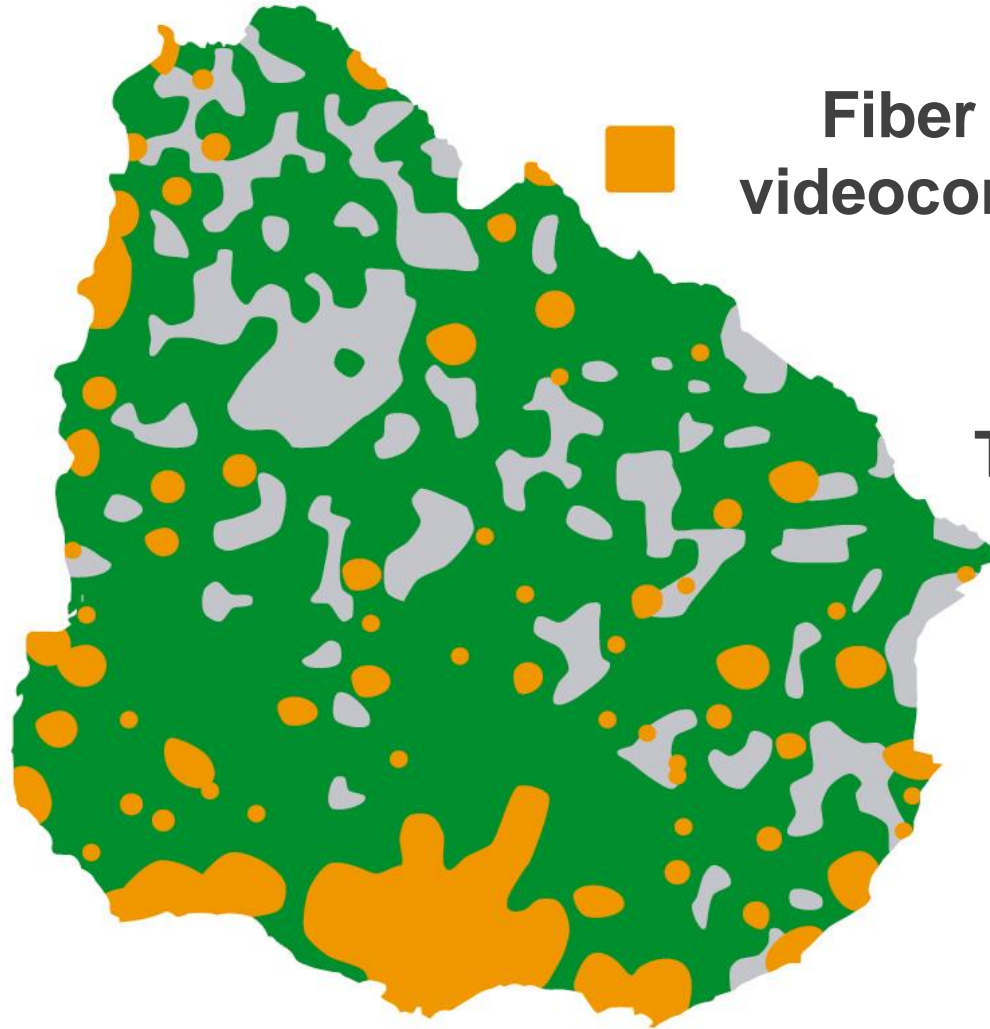
52.000

Devices in school libraries

Schools
3.130

Informal
settlements
345

Housing
Projects
387



Fiber optics &
videoconference
1.284

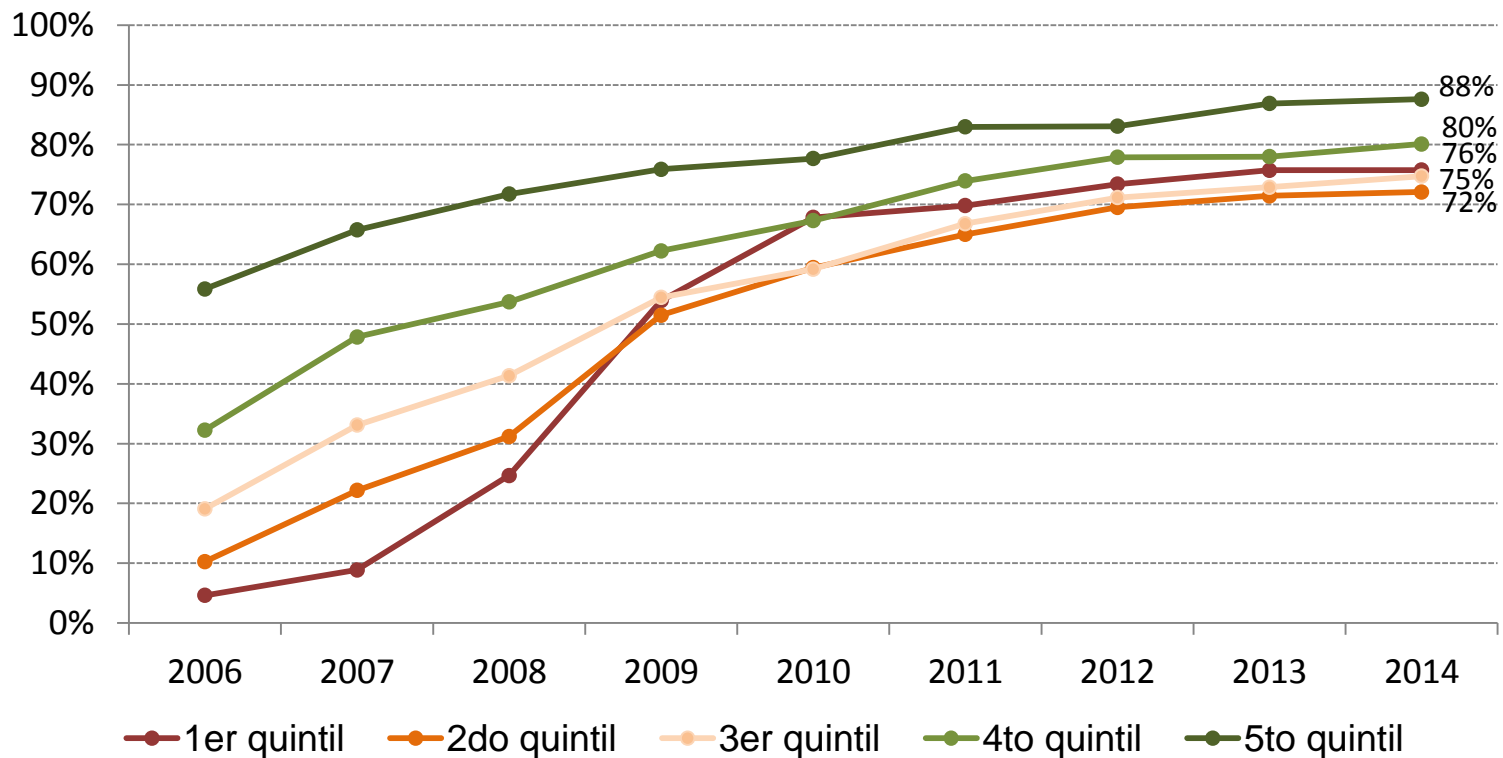
Clubs &
Town squares
304

Other
184

June
2015

Uruguay – PC ownership

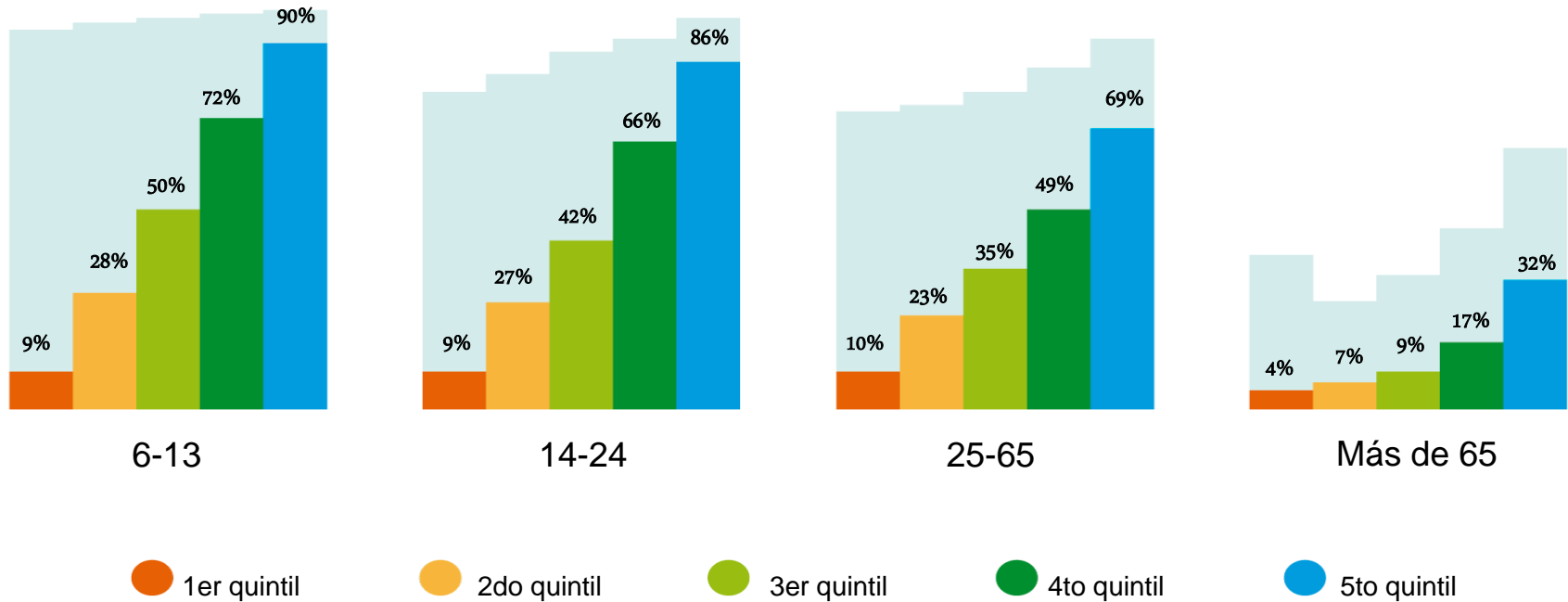
% of people



Country Average (2014) = 77,3

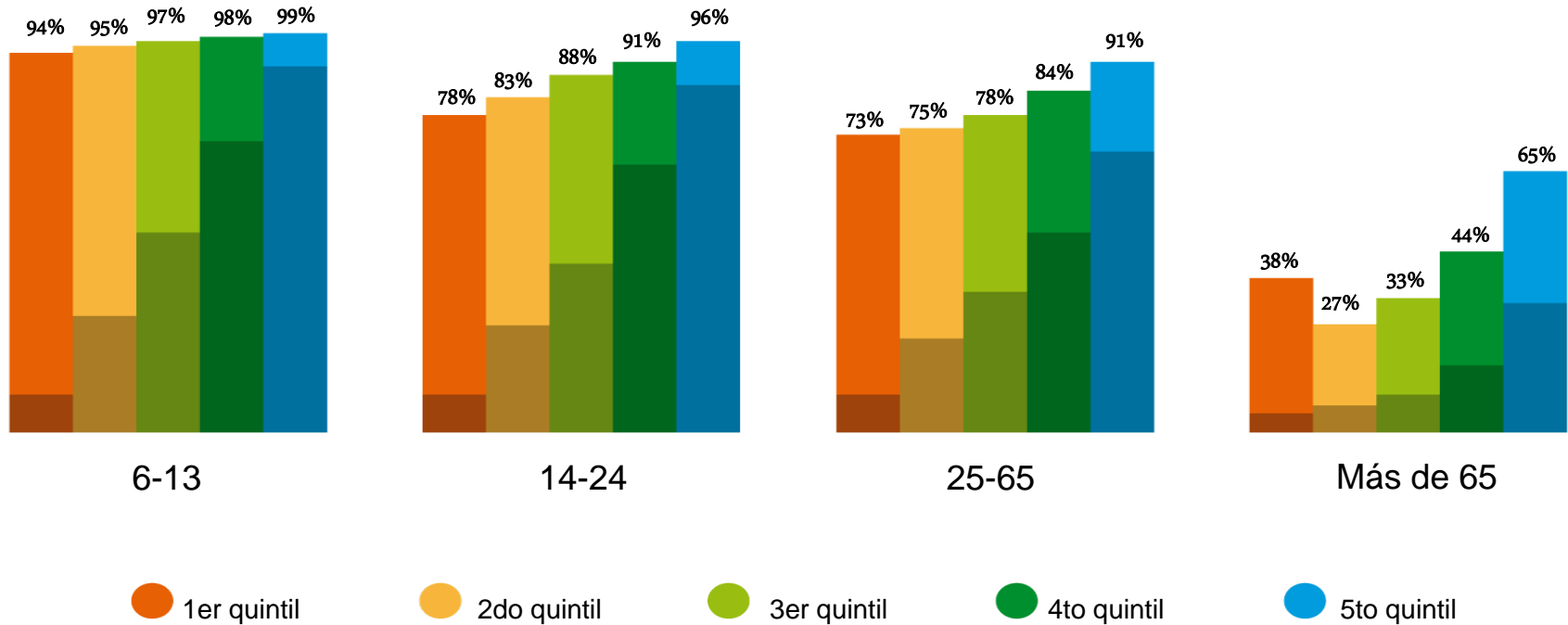
2007: PC ownership by age group According to income group

% of people

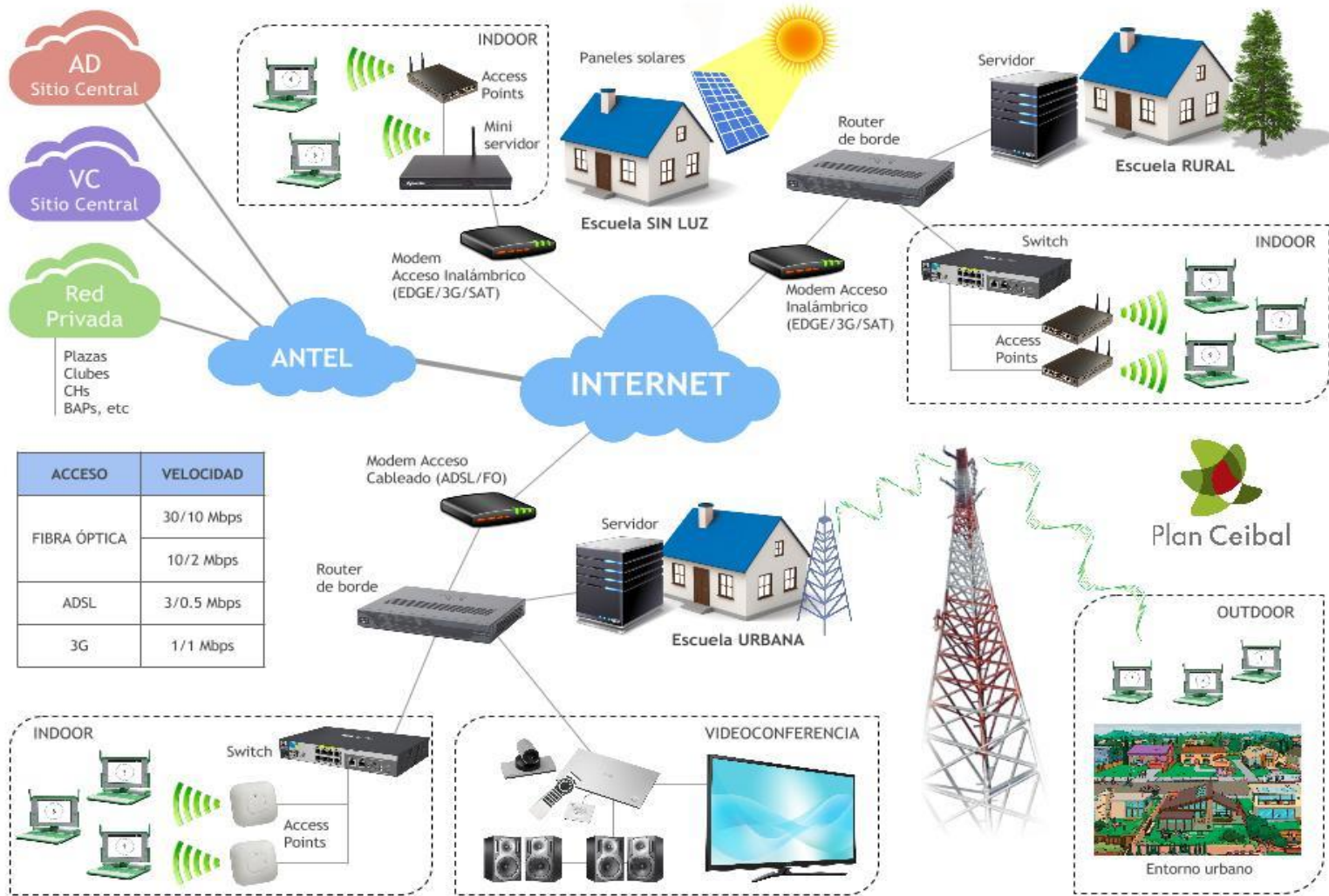


2007: PC ownership by age group According to income group

% of people

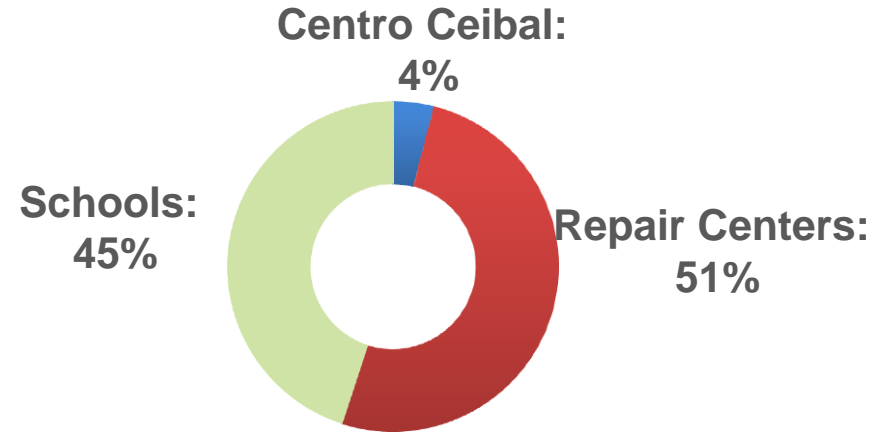
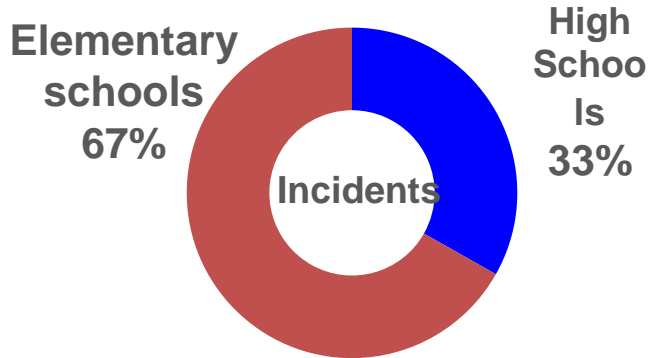


Ceibal's Network



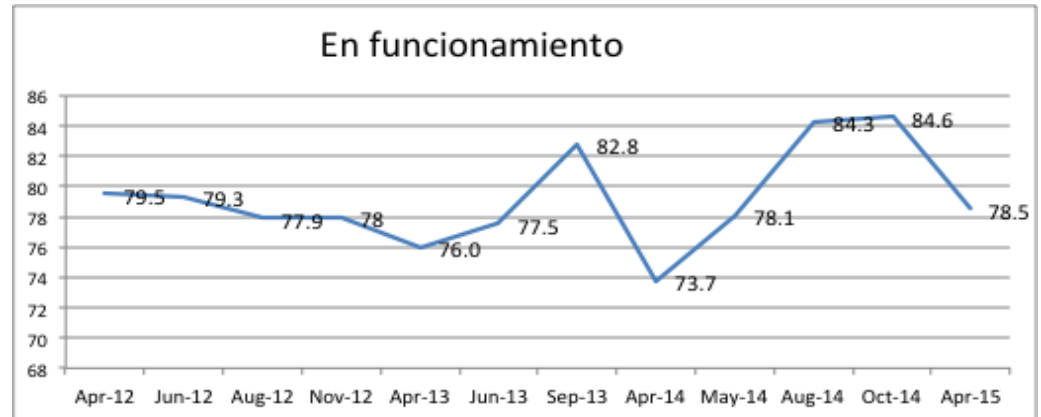
80% beneficiaries have high availability > 95%
95% beneficiaries connected via broadband

2014: Technical Service



Number of Incidents		
2013	2014	Jan-May2015
450.091	446.894	165.740

- We visit 1.290 schools per month accross the country
- 23 repair centers accross the country



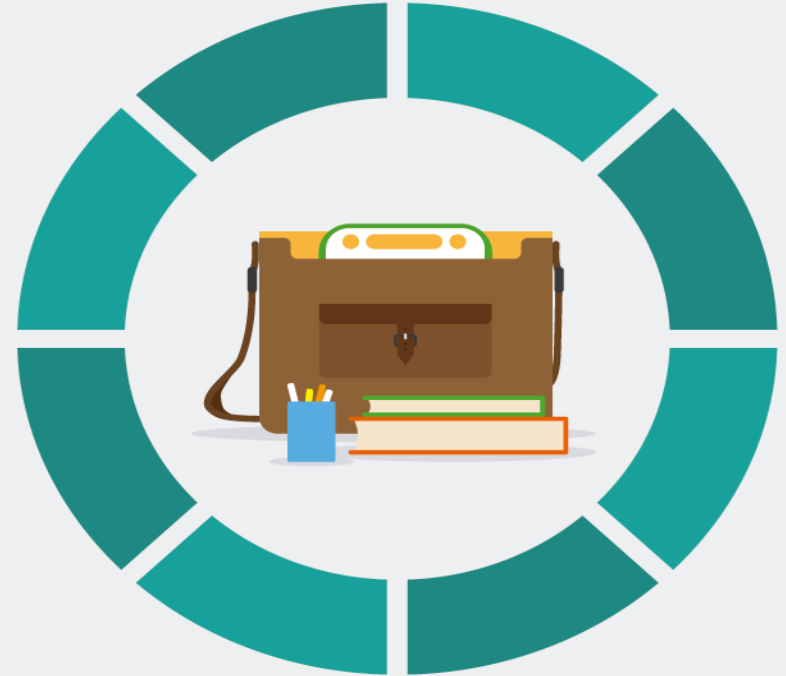
Technology & Pedagogy



Ceibal Technologies as solutions to Problems and Accelerators of Pedagogies

Students

Teachers



Students



Educational
Videogames



Digital
Library



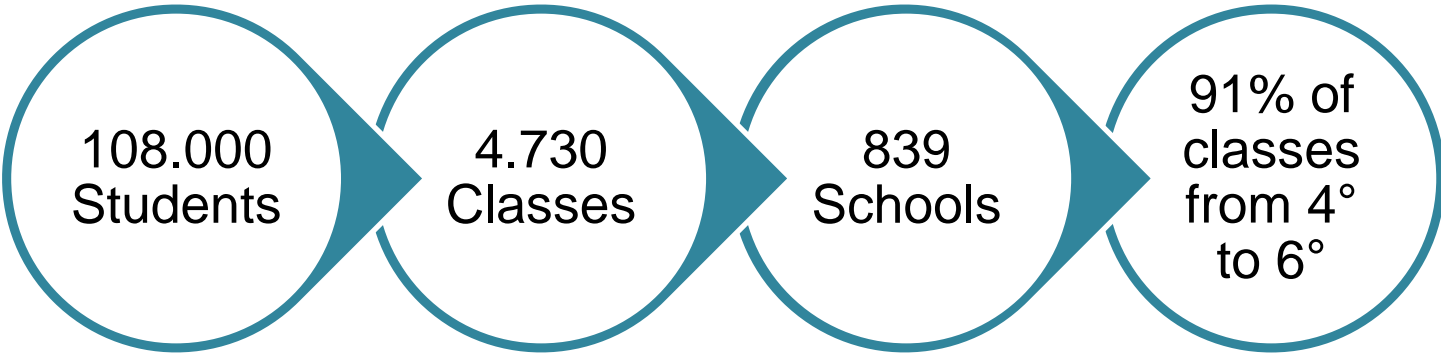
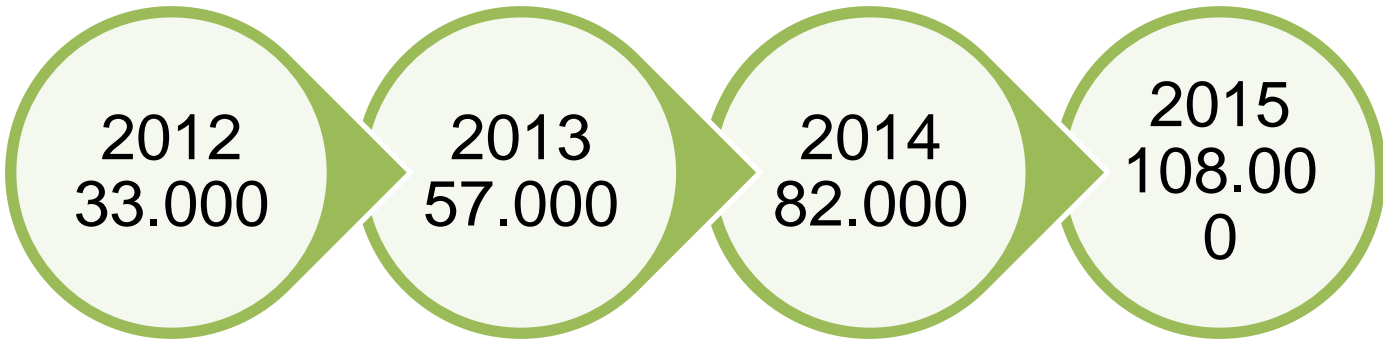
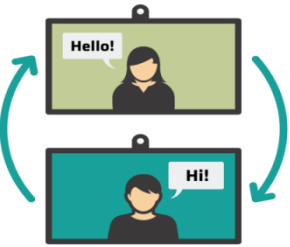
LabTeD
Plan Ceibal



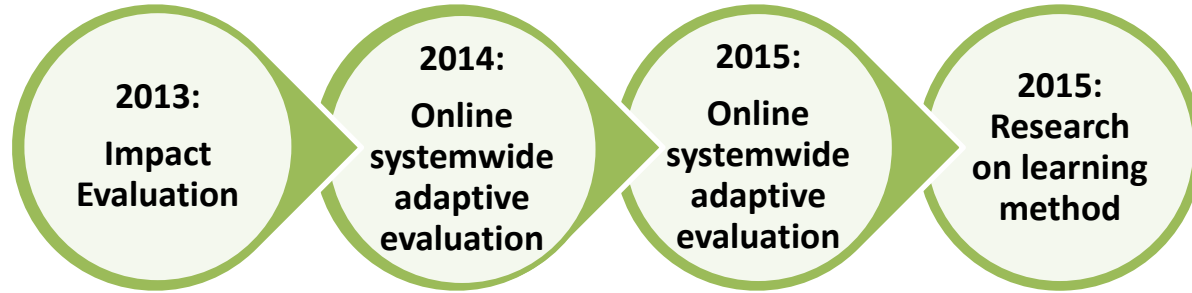
Ceibal en Inglés



Ceibal en Inglés

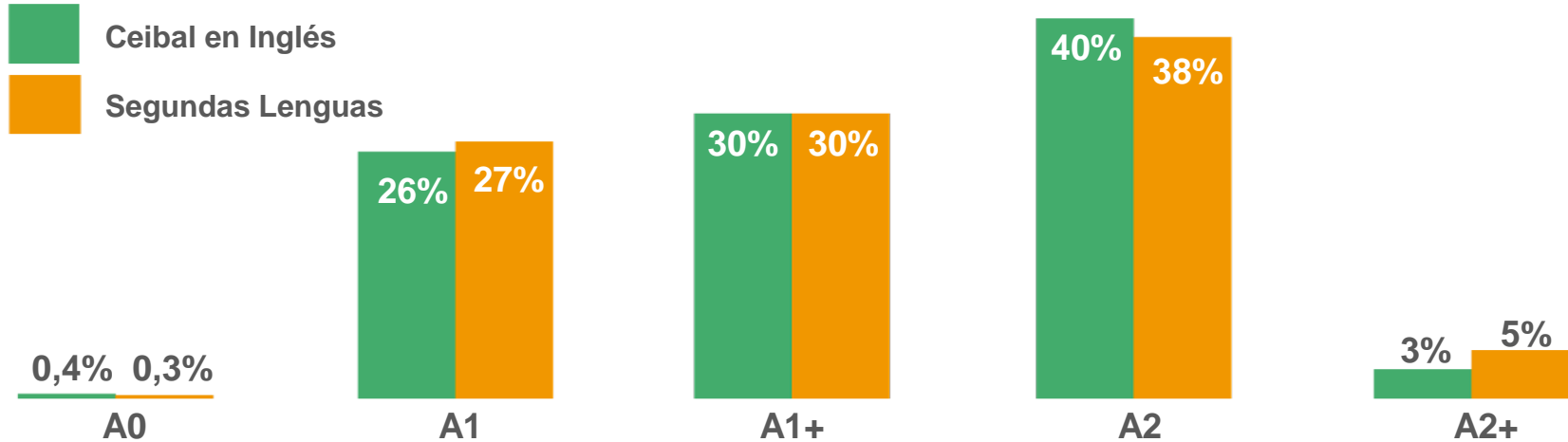


Ceibal en Inglés *Evaluation*



Ceibal en Inglés evaluation

% of students that took the adaptive test, 2014



48.693 students took the test:
62% Ceibal en Inglés.
38% de Segundas Lenguas.

The 2014 results are consistent:

- a) **By class:** 6th graders show higher results
- b) **By length of exposure:** greater exposure to English leads to higher level
- c) In terms of **out of school** exposure to English

Students 2015

152.993



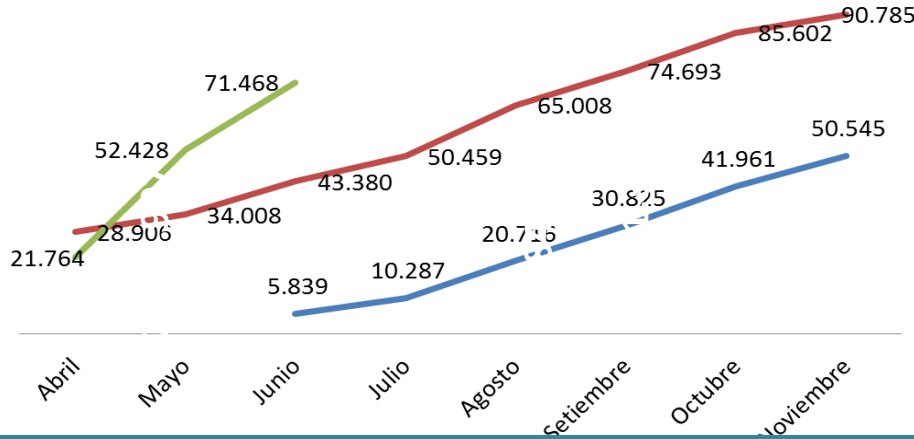
PAM

Exercises in

2015
23.755.531

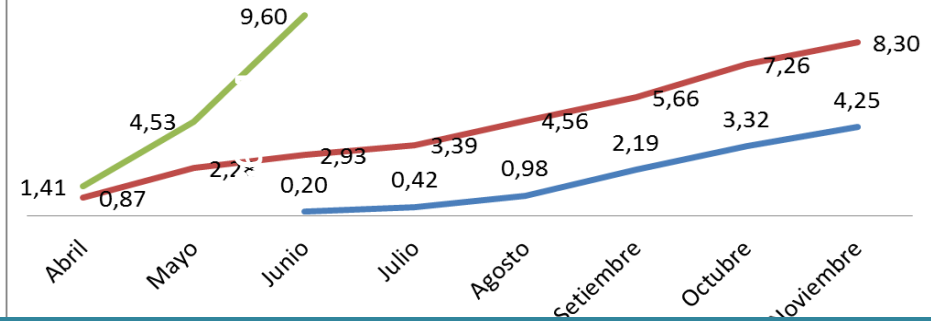
Usuarios PAM - Evolución Anual

— Usuarios 2013 — Usuarios 2014 — Usuarios 2015



Actividades PAM - Evolución Anual (millones)

— Actividades 2013 — Actividades 2014 — Actividades 2015



65%

Students

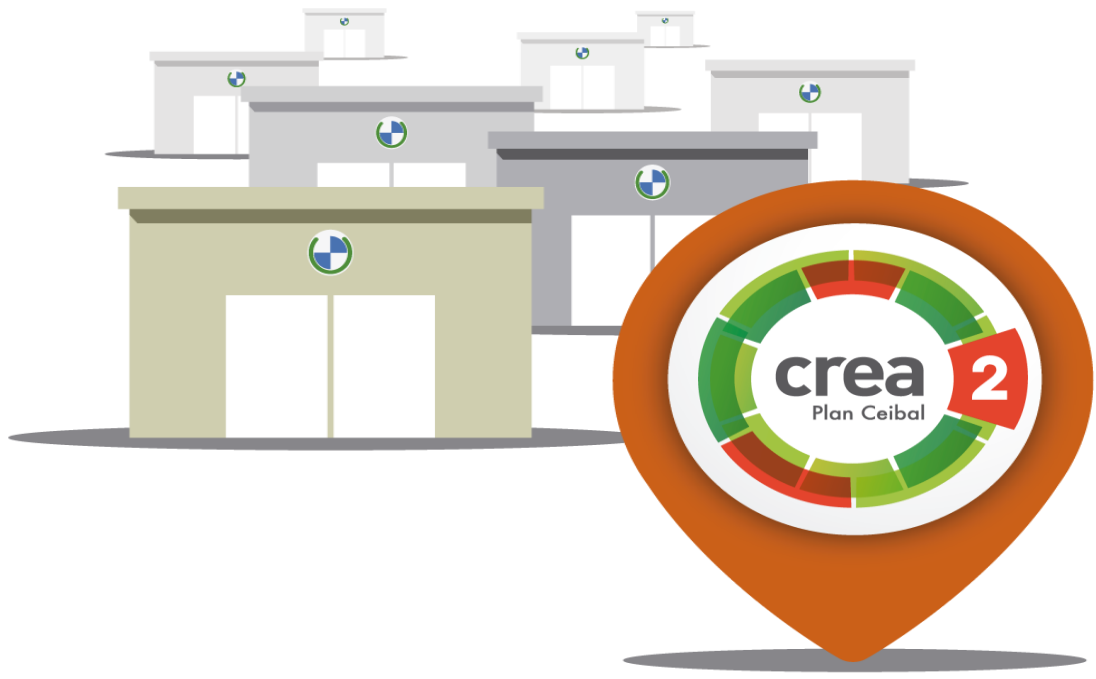
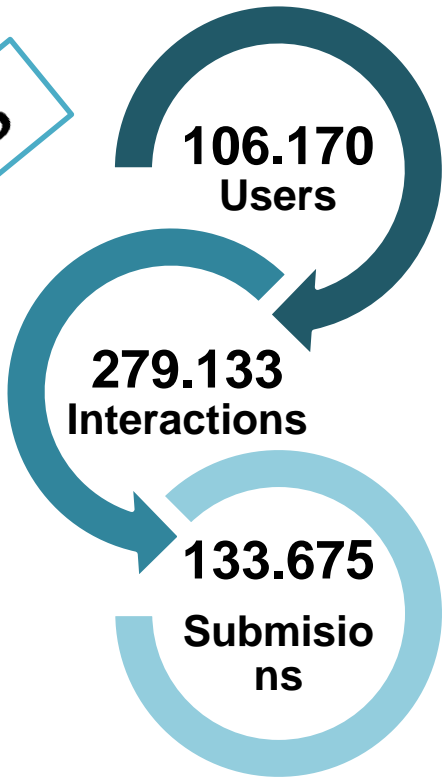
Growth 05/2014 vs 05/2015



227%

Exercises

2015

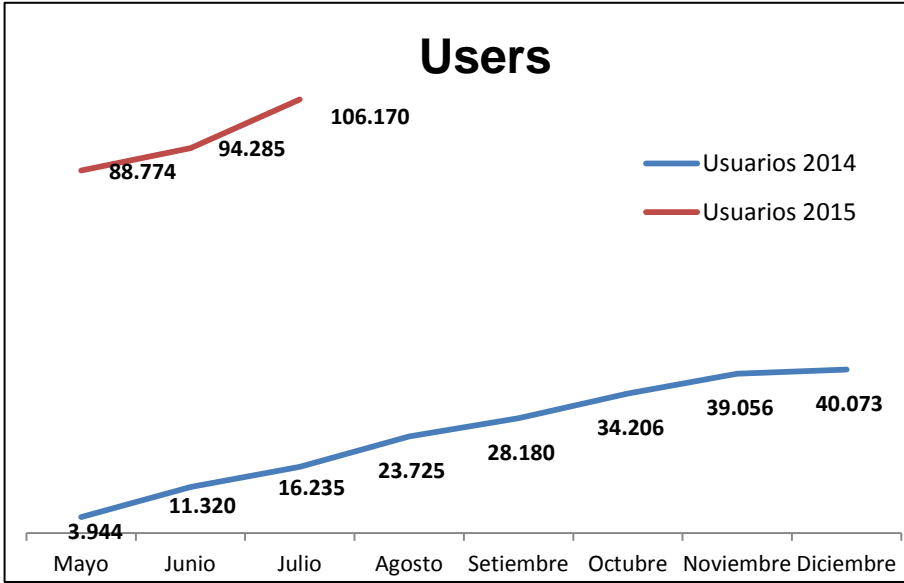


Crea 2 is a virtual learning environment and a very powerful tool to generate Learning Communities

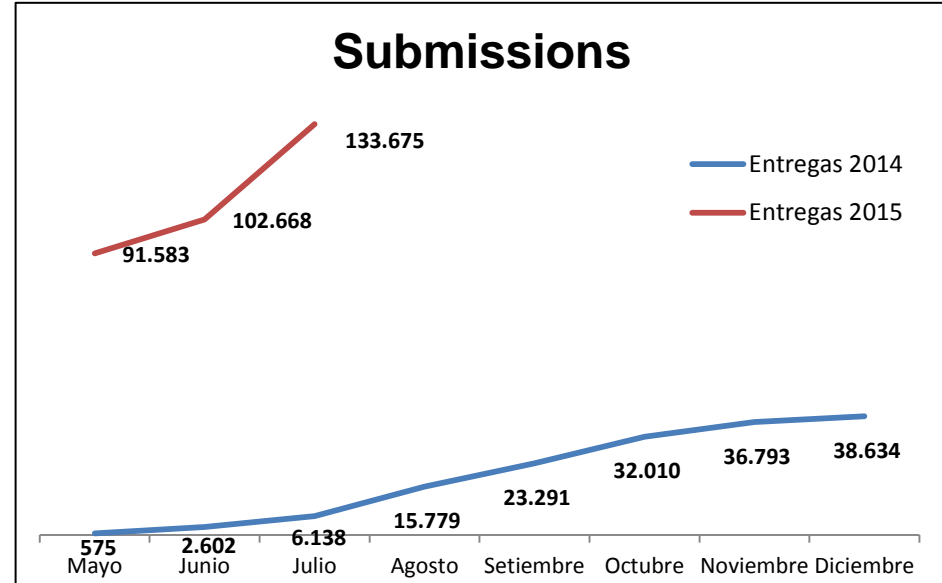


Crea 2

Users



Submissions



165%
Users

Growth 2014 vs 2015



246%
Submissions



LabTeD

Plan Ceibal

Colaboration

Project-Based
Learning

Creativity and
Logical
Thinking

Inter-
disciplinary
Work

Robotics

**Prog. &
Video-
games**

**Scientific
Sensors**

**Audio-
visual**

**3D
Printers**

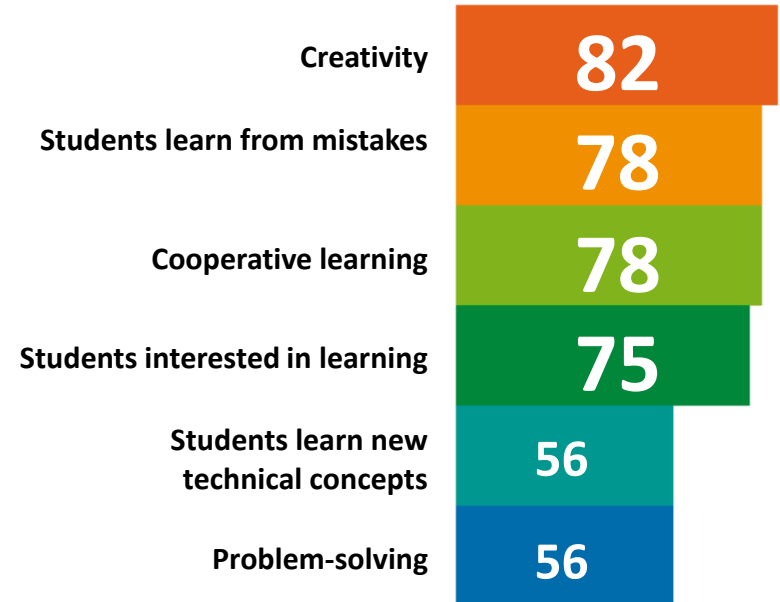


Main results and conclusions from the evaluation of LabTeD

- ✓ Positive impact on student's **self-esteem**.
- ✓ 79% of teachers declare they are more **motivated** by the programme.
- ✓ 84% of teachers declare they are **satisfied with the learning progress** of their students
- ✓ 67% declare their **students are more motivated**.
- ✓ 32% of teachers noted that students participating in LabTeD's **do not** abandon their schools and remain in formal education (only 28,5%** of youths aged 18-20 finalized secondary education)

Teacher perception of learnings that have arisen from the programme

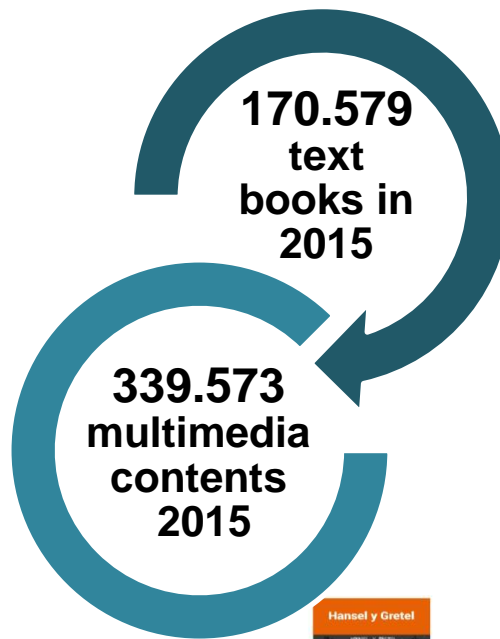
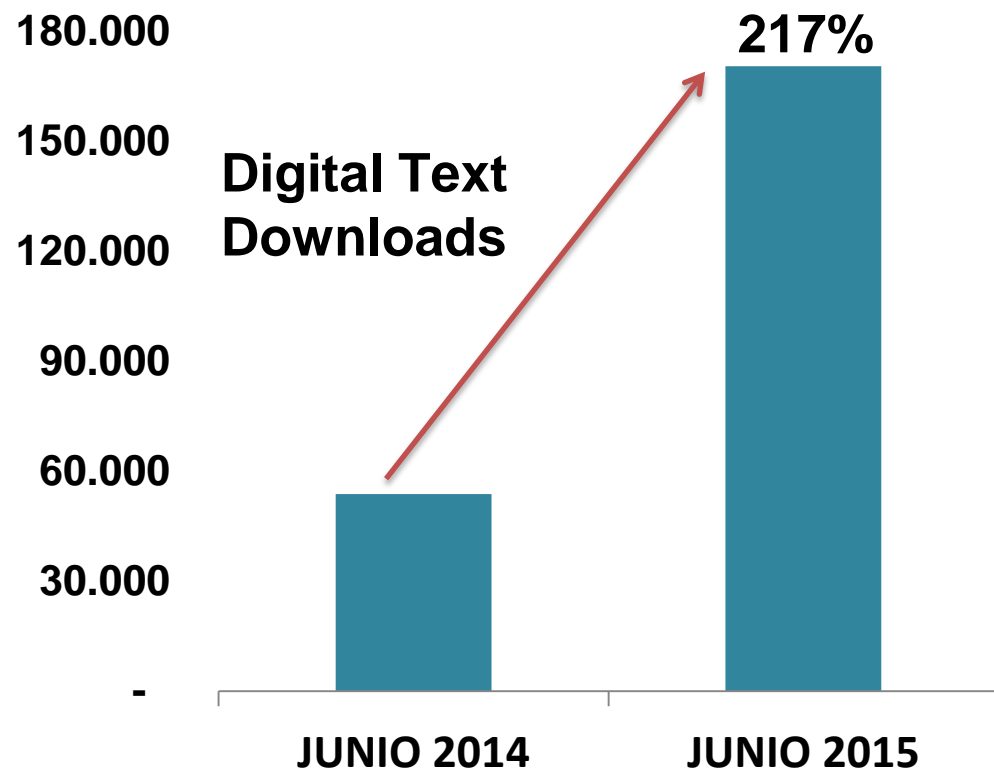
% of LabTeD teachers





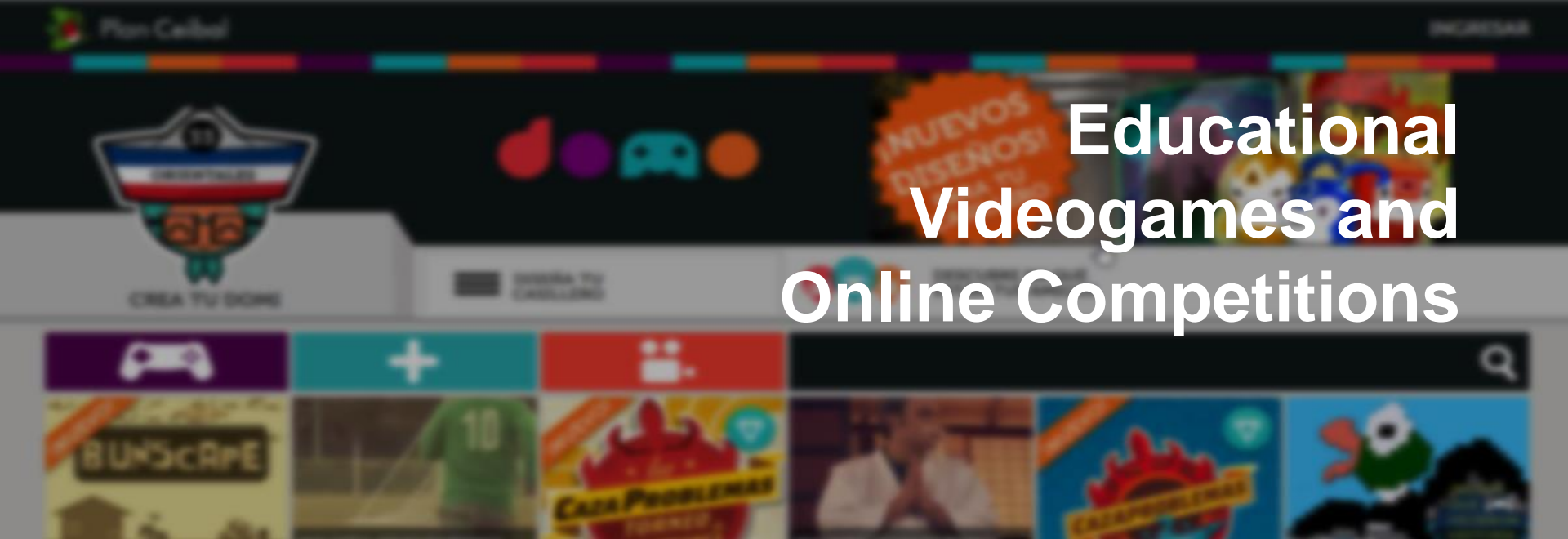
Digital Library

- Digital Textbooks
- ProLee recommended readings
- Interactive digital books – Sciences 5° & 6° grade
- Over 3.000 open digital contents



EDU
ciencias
5° y 6° año





Educational Videogames and Online Competitions

- **Online Mathematics Olympics**
- **Online Chess Olympics**
- **Robotics & Programming Olympics**
- **DOMO: Educational Videogame Platforms**



Teachers

INFORMATION
& PLANNING
Systems

Online Formative
EVALUACIÓN

REPOSITORIES of
Digital Resources

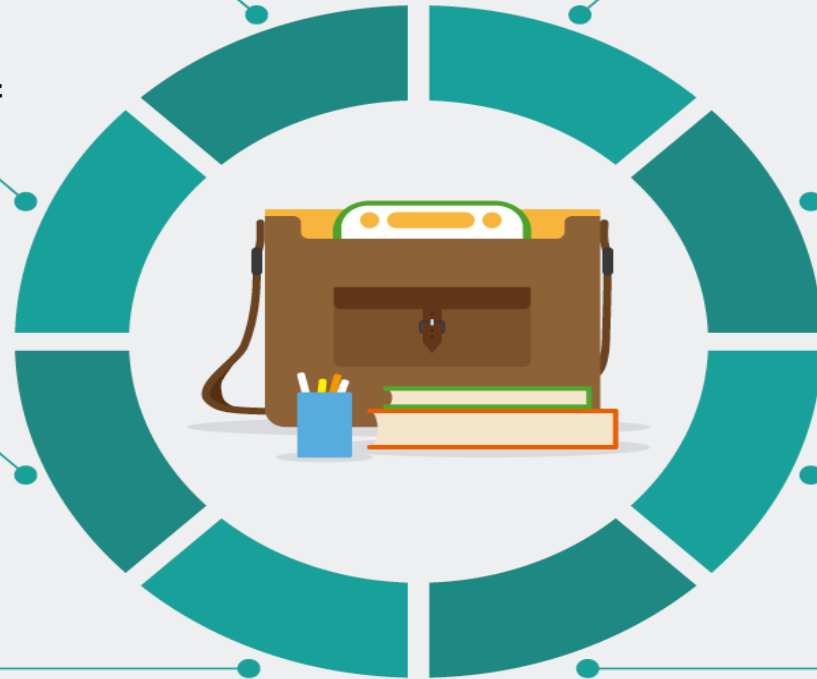
Deep Learning
GLOBAL
NETWORK

TEACHER
Training

VIDEOCONFERENCE
Network

PROJECT-BASED
Learning

PERSONALIZATION
of Education





Online Evaluation

Online Science, Maths and Language Tests



313.966

Students between 3^o & 6^o grades

414.393

Tests carried out
in H1 2015

852,000

Tests in 2014



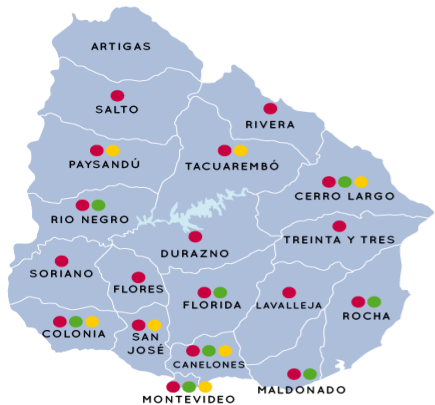
77%

Growth in the
last 2 years



Thinking with others

www.redglobal.edu.uy



We can't wait



Deep Learning Competencies



Critical thinking
and real-world
problem solving



Collaboration



Communication



Educational use
of ICT



Global
Citizenship



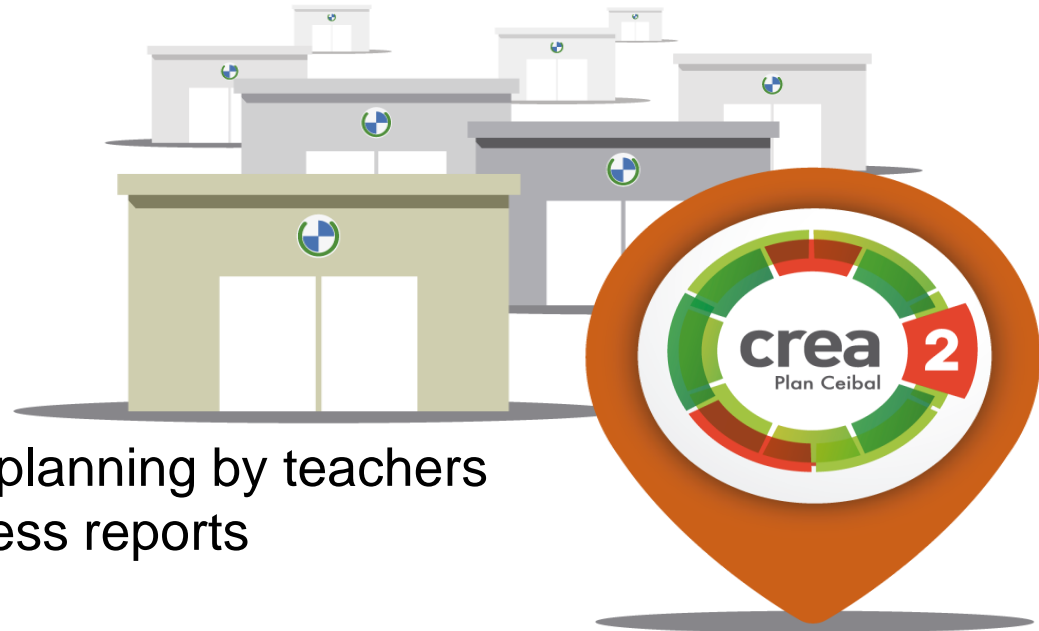
Creativity &
Imagination



Character



Planning and Information System



- Digital lesson planning by teachers
- Student progress reports
- Scorecards
- Assistance



The background of the image is a blurred photograph of a building. The building has a prominent red roofline. Below the roof, there is a large window or glass facade. A red sign is visible on the building's facade, but the text on it is illegible due to the blur. The sky above the building is a pale, overcast grey.

Institutional



Key Success Factors

- Clear objectives and innovative institutional arrangement
- Cost and sustainability
- Role of technology
- Executive capabilities and competencies
- A professional team
 - 276 staff
 - Average age: 34



Implementation & Sustainability

37	Laptops & Tablets
14	Ceibal Network
8	Videoconference
16	Device support and logistics
8	LabTeD & Platforms
5	Ceibal en Inglés
1	Social Development
1	Global Network
10	Support Areas

- USD103 per beneficiary per year
- Less than 5 % of the annual budget of elementary and middle education

WORLD BRIDGE

WORLD BRIDGE