EDUCATION AND TECHNOLOGY
IN CHILE

Global Symposium on ICT in Education 2011
Seoul, Korea
Chile today

Population of **17 million** people with an average of 10.1 years of education.

GDP per capita: US$ 15,300

**3,574,419** students and 176,472 teachers.

Distributed in:
- **5,847 Public** schools (43% of enrollment)
- **5,263 Charter** schools (50% of enrollment)
- 727 Private paid schools (7% of enrollment)

54% of households have a computer and 65% have some kind of internet connection.

70% of students entering college are the first ones of their families.
20 YEARS OF ICT IN EDUCATION

Chile
ENLACES (1990), the chilean ICT program

Focus on 3 principles:

• Closing the digital gap.
  • Train teachers in technology.
  • Provide new digital learning contents and teaching tools.

SIGE

• National System of Students Records, is an online system that is active since 2008 and has forced schools to use ICT for managing administrative information.
## Indicators of ICT in education

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
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<tbody>
<tr>
<td>Schools affiliated to Enlaces</td>
<td>10,911 (98.3%)</td>
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<tr>
<td>Students with access to ICT</td>
<td>2,720,796 (91.8%)</td>
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<tr>
<td>Students per computer</td>
<td>16.27</td>
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<tr>
<td>Teachers per computer</td>
<td>3.07</td>
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<tr>
<td>Teachers Trained in ICT</td>
<td>110,000 (65%)</td>
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<tr>
<td>Schools with Internet access</td>
<td>7,420 (79.6%)</td>
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Stats by year 2011
But the use of ICT in the learning process is still low

Computer use by 15 year old students in school by income - 2009

Income Quintil

- Almost never or never
- Frequently
- Always
LEARNING OUTCOMES

Chile
Improvements have been significant but still insufficient and slow.
4th Grade Evolution of National Assessment Math Test 1999-2010

Expected level of achievement

Improvements in outcomes for math tests have been lower than literacy.
CHALLENGES FOR CHILE
Our immediate challenge

• 7 months of student strikes.
• Up to 200,000 students have creatively protested every week in Santiago.
• 232,000 secondary students were risking to repeat the year (≈23%).

Now’s the time
And from every problem, new opportunities appear

Site: yoestudio.cl (I STUDY)
homelearning platform created by Enlaces that was launched to allow secondary student to finish the year by taking a final exam. 162.000 students have enrolled at the program.
And after that...

Construct a common vision for ICT in education
And after that...

Construct a common vision for ICT in education that recognizes the advances realized
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Construct a common vision for ICT in education that recognizes the advances realized, aligning and developing the existing programs and platforms; and fosters innovation in the learning-teaching process to improve educational outcomes.
EDUCATION AND TECHNOLOGY IN CHILE

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