Mixed Model Education in CONAlep System
MEXICO

GLOBAL RANKING

<table>
<thead>
<tr>
<th>GDP (TOTAL)</th>
<th>USD 1,282,725 millions</th>
<th>14°</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Per Capita</td>
<td>USD $10,123</td>
<td>46°</td>
</tr>
<tr>
<td>• Growth Rate 2015</td>
<td>2.6% (estimated)</td>
<td></td>
</tr>
</tbody>
</table>

POPULATION

121,005,815 hab.

<table>
<thead>
<tr>
<th>Men / Women</th>
<th>48.8% / 51.2%</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 14</td>
<td>28%</td>
</tr>
<tr>
<td>15 – 64</td>
<td>65.3%</td>
</tr>
<tr>
<td>+ 65</td>
<td>6.7%</td>
</tr>
<tr>
<td>Labor Force</td>
<td>47 million (38%)</td>
</tr>
</tbody>
</table>

AREA

1,972,550 km²

ECONOMY

Services 65%
Industry 31%
Primary 4%

CO₂ Emissions

INTERNATIONAL TRADE

<table>
<thead>
<tr>
<th>EXPORTS</th>
<th>IMPORTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA 79.8%</td>
<td>USA 48.15%</td>
</tr>
<tr>
<td>CANADA 3.05%</td>
<td>CHINA 17.01%</td>
</tr>
<tr>
<td>CHINA 13.8</td>
<td>JAPAN 4.45%</td>
</tr>
<tr>
<td>SPAIN 1.24%</td>
<td>GERMANY 3.75%</td>
</tr>
</tbody>
</table>
## MEXICO

<table>
<thead>
<tr>
<th>%</th>
<th>Elementary</th>
<th>Secondary</th>
<th>High School</th>
<th>TVET</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>93.6</td>
<td>93.3</td>
<td>60.5</td>
<td>5.8</td>
<td>27.8</td>
</tr>
<tr>
<td>Absorption Rate</td>
<td>99</td>
<td>96.9</td>
<td>91.6</td>
<td>9.3</td>
<td>82.2</td>
</tr>
<tr>
<td>Terminal Efficiency</td>
<td>96</td>
<td>84.5</td>
<td>64.8</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Dropouts</td>
<td>0.6</td>
<td>5.3</td>
<td>13.9</td>
<td>20.8</td>
<td>1.9</td>
</tr>
</tbody>
</table>
CONAlep

- 301,751 students
- 16,086 teachers
- 309 schools
- 47 technical, industrial and service professional careers
- Other services: job training, evaluation and certification of skills, technological services

301,751 students
16,086 teachers
309 schools
47 technical, industrial and service professional careers

Other services: job training, evaluation and certification of skills, technological services
**ICT’s**
- Vocational Education
  - through workshops, laboratories and professional practices in the company
- **Mixed Model Education**
  - MOODLE platform
    - 3 years curriculum possibility to continue with college
  - learning activities online (basic knowledge)
    - through an educational virtual platform (MOODLE)

**Increase Education Coverage**
- 1,200 young people without opportunity to continue their studies (lack of classrooms)
- 13% of students in CONALEP Guanajuato (9,000 total)
- 77% retention rate compared to 50% of traditional education

**Increase Quality of Education**
- 22 profesional careers in 16 schools

**Job Offer / Growth**
- curriculum design by private sector (companies)
- students training in work place

**IDENTIFIED NEEDS**
- 4,000 NO seats available
- 4,000 NO seats available
- 3 years curriculum possibility to continue with college
### Challenges
- Resilience to change (teachers, students, parents and managers)
- Budget
- Equipment and technological infrastructure
- Diversify and modify educational spaces
- Modify curricula and methodologies
- Long term objectives
- Virtual interaction
- Develop new mechanisms for evaluation

### Skills Needed
- Communication skills
- Open mind (accept success stories)
- Time management
- Adaptability
- Self-learning
- Use of technology in daily work
- Proactivity
- Convey confidence
- Understanding that tech problems can happen
- Study skills support (communication)
- Timely and continuous attention

### Teacher Training
- Implement technology
- Generation of information and digital content
- Rethinking teaching methods
- Technology as support and also as teaching method (activities)
- Recognize efforts and experience of teachers (trust relationship)
- Commitment to student’s needs (doubts, questions, support)
- Perform evaluation and feedback
Enrique Alonso Pineda
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