Ministry of Development, Industry and Foreign Trade

Brazil´s New Innovation Strategy

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Secretary of Innovation

The National Academies
Washington, DC

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Agenda

Knowledge

Innovation

Competitiveness
Knowledge
Technology Schools

- 226 new schools
- US$ 550 Million
- 500,000 new positions

93 years vs 8 years
Technology Learning: all over the country
Scientific Articles

<table>
<thead>
<tr>
<th>Year</th>
<th>Scientific Articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>10.521</td>
</tr>
<tr>
<td>2001</td>
<td>11.581</td>
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<tr>
<td>2002</td>
<td>12.928</td>
</tr>
<tr>
<td>2003</td>
<td>14.237</td>
</tr>
<tr>
<td>2004</td>
<td>14.993</td>
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<tr>
<td>2005</td>
<td>17.711</td>
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<tr>
<td>2006</td>
<td>19.280</td>
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<tr>
<td>2007</td>
<td>19.496</td>
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<tr>
<td>2008</td>
<td>30.415</td>
</tr>
</tbody>
</table>

1.4% World Articles

2.6%
R&D Expenditure in Brazil

US$ Billion

- 2000: $8.7
- 2001: $10
- 2002: $11.5
- 2003: $13
- 2004: $14.5
- 2005: $16
- 2006: $18
- 2007: $20
- 2008: $24.4
Incubators: science + entrepreneurship

Incubators in Brazil

- 2001: 150
- 2002: 183
- 2003: 207
- 2004: 283
- 2005: 339
- 2006: 359
- 2007: 400
- 2008: 423

- 6,300 companies
- Revenues: US$ 1.2 Billion
- 33,000 jobs
- 74 tech parks
  25 in full operation

Source: ANPROTEC
The National Institute of Metrology, Standardization and Industrial Quality (INMETRO)
Innovation
Focus on innovation (2008-2010)

Productive Development Policy

**US$ 150 billion**

(US$ 3 billion for innovation)

Science & Technology Action Plan

**US$ 20 billion**

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Sustainable Growth
Secretariat of Innovation: sustainable growth

Ministry of Development, Industry and Foreign Trade
Secretariat of Innovation

National Development Bank (BNDES)

Export Promotion Agency (APEX)

National Institute of Metrology, Standardization and Industrial Quality (INMETRO)

Industrial Development Agency (ABDI)

National Institute of Intellectual Property (INPI)
Competitiveness
Figures about Brazil

- 5th largest population (191 million)
- Self sufficient in oil
- 4th largest energy firm (PETROBRAS)
- Leader in alternative energy sources
- 3rd largest aircraft manufacturer (EMBRAER)
- 5th largest personal computer market
- 5th best location for IT Offshore Outsourcing
- Brazilian banks are leaders in Internet Banking
- 175 million mobile phone in operation
- 44 out of 50 global major companies operate in the country

Source: IBGE, PETROBRAS, IDC, ANATEL, AT Kearney, PFC Energy
And this is just the beginning...

The last country to be affected and the first one to overcome the financial crisis

- Renewable Energy
- Pre-Salt Oil Exploitation
- Soccer World Cup 2014
- Olympic Games - Rio de Janeiro 2016
Thank you !!!

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Secretary of Innovation

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