Internationalising Parana, the role of universities: UFPR’s Experience

ZAKI AKEL-SOBRINHO, Rector, UFPR

WG 2: Building internationally competitive regions: universities’ role?

OECD Conference Higher Education in Regional and City Development: For Fairer, Stronger and Cleaner regions
Seville, 10-11 February 2011

PARANA IN THE WORLD

<table>
<thead>
<tr>
<th>Capital City</th>
<th>CURITIBA (about 2 million inhabitants in Metropolitan area)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>(2/3) Italy</td>
</tr>
<tr>
<td>Paraná’s Population (2007)</td>
<td>10.3 million (5.6% of Brazil)</td>
</tr>
<tr>
<td>Urban Population (2006)</td>
<td>84.5 %</td>
</tr>
<tr>
<td>GDP per capita</td>
<td>US$ 7,378 (BR= US$ 7,108)</td>
</tr>
<tr>
<td>GDP</td>
<td>US$ (million) 77,387</td>
</tr>
</tbody>
</table>

SOURCES: SEMA-PR, IPARDES, IBGE, Human Development Atlas, Banco Central
PARANA’S GDP COMPOSITION - 2006

- Around 6% Brazilian GDP
- Metropolitan Curitiba
  - (35% Parana’s GDP)
  - (53% Parana’s Manufacturing GDP)
- Manufacturing
  - food and beverages; oil refinery; manufacturing and assembly of vehicles, 54%
- Farming
  - poultry, pigs
  - sugar cane, corn, soybean, wheat

PARANA 2008
HIGHER EDUCATION FIGURES

<table>
<thead>
<tr>
<th>Institutions</th>
<th>Undergraduate Enrolment</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARANA</td>
<td>178</td>
</tr>
<tr>
<td>Public</td>
<td></td>
</tr>
<tr>
<td>12%</td>
<td>22</td>
</tr>
<tr>
<td>Federal</td>
<td>2 (+ 2 new)</td>
</tr>
<tr>
<td>State</td>
<td>17</td>
</tr>
<tr>
<td>City</td>
<td>3</td>
</tr>
<tr>
<td>Private</td>
<td>88%</td>
</tr>
<tr>
<td>Particular</td>
<td>127</td>
</tr>
<tr>
<td>Community or Philanthropic</td>
<td>29</td>
</tr>
</tbody>
</table>

Source: Higher Education Census, INEP/MEC
Increasing participation in the World Economy
- Agribusiness
  - International Standards
- Metropolitan-Industrial
  - High Technology Sectors
- Increasing Demand
  - Qualified Human Resources

HEI’s Reaction
- Since the seventies
  - Internationalisation linked to graduate programs
- Public Universities
- Last 10 years increasing efforts
  - Creation of specific branch for international affairs
    - UFPR 2003
  - Mobility program for undergraduate students

UFPR - International Cooperation
Management for Mobility
- Graduate (complementary to national agencies, Capes, CNPq)
  - International research project with joint supervision
  - International research group creation
- Undergraduate
  - Financial support for outstanding students
    - From UFPR’s budget
  - Double and joint degrees programs
- Support for UNILA (Latin America Integration University)
  - New Federal University in Foz do Iguaçu created in 2010
  - Target = 50% teachers and students from Latin America
UFPR´s International Agreements

Source: UFPR International Affairs Office

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Fellowships from CAPES
UFPR 2009

By Areas

Source: GEOCAPES

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UFPR - Number of undergraduate students on the mobility program in 2010

- Number of UFPR Students under mobility: 200
  - 40 UFPR own budget (around US$330,000)
- Number of foreign students at UFPR: 100

- Type of mobility: regular exchange program, Erasmus Mundus, Santander Scholarship, Double-Degree, BRAFITEC, BRAFAGRI, UNIBRAL, FIPSE, COFECUB.

UFPR – Mobility by country
Undergraduate 2009/2010

Students received from

Students sent to

Source: UFPR International Affairs Office
OECD/MHE Higher Education in Regional and City Development, Seville February 2011
UFPR – Mobility by area
Undergraduate 2009/2010

Students received from

Students sent to

Intercâmbio - Entradas 2010 - Curso

Intercâmbio - Saída 2009 - Cursos

Source: UFPR International Affairs Office
OECD/HEC Higher Education in Regional and City Development, Seville February 2011

Universities creating Universities or Tutoring UNILA

- **UNiversity for Integration of Latin America**
  - Foz do Iguassu
  - Brazil-Paraguay-Argentina border
  - Bilingual to foster integration

- Latin America and the Caribbean
  - 500 faculty members
  - 10,000 alumni
  - Half brazilian and half other latin americans
Tutoring UNILA
Undergraduate Degrees

- Antropology
- Agricultural Development and Nutrition Safety
- Biology
- Economics
- Engineering of Infrastructure
- Engineering of Renewable Energy
- Human Geography
- History
- International Relations and Integration
- Language
- Natural Sciences
- Political Science and Sociology