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*
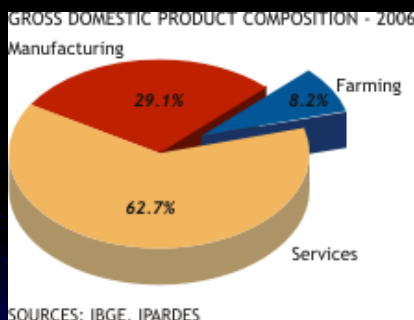Seville, 10-11 February 2011

PARANA IN THE WORLD

Capital City	CURITIBA (about 2 million inhabitants in Metropolitan area)
Area	(2/3) Italy
Paraná's Population (2007)	10,3 million (5.6% of Brazil)
Urban Population (2006)	84.5 %
GDP per capita	US$ 7,378 (BR= US$ 7,108)
GDP	US$ (million) 77,387

SOURCES: SEMA-PR, IPARDES, IBGE, Human Development Atlas, Banco Central

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PARANA´S GDP COMPOSITION - 2006

GROSS DOMESTIC PRODUCT COMPOSITION - 2006

Manufacturing 29.1%

Farming 8.2%

62.7%

Services

SOURCES: IBGE, IPARDES

SOURCE: www.ipardes.gov.br

- **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

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PARANA 2008
HIGHER EDUCATION FIGURES

		Institutions	Undergraduate Enrolment	
PARANA		178	**329.741**	
Public	**12%**	**22**	**111.498**	**36%**
Federal		2 (+ 2 new)	**33.470**	
State		17	**74.970**	
City		3	**3.058**	
Private	**88%**	**156**	**218.243**	**64%**
Particular		127	**172.353**	
Community or Philanthropic		29	**45.890**	

Source: Higher Education Census, INEP/MEC

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- **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

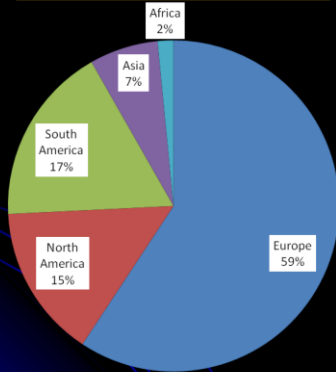# UFPR - International Cooperation Management for Mobility

- 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

UFPR International Agreements by Continent (194)
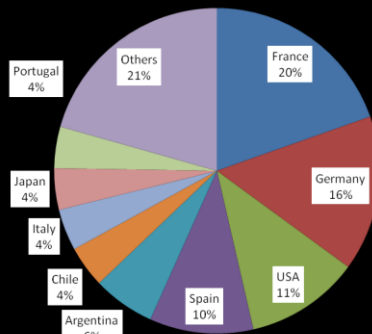
- Africa 2%
- Asia 7%
- South America 17%
- North America 15%
- Europe 59%

UFPR International Agreements by Country

- Portugal 4%
- Others 21%
- France 20%
- Germany 16%
- USA 11%
- Spain 10%
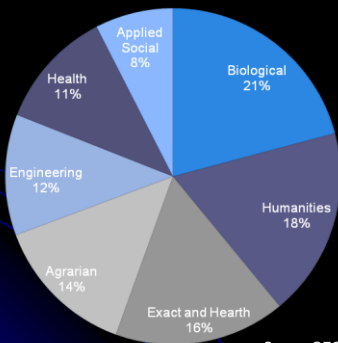- Argentina 6%
- Chile 4%
- Italy 4%
- Japan 4%

Source: **UFPR International Affairs Office**

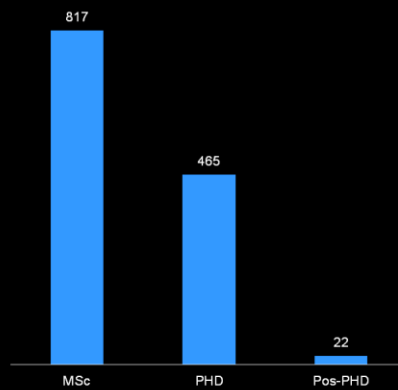OECD/IMHE Higher Education in Regional and City Development, Seville February 2011

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Fellowships from CAPES
UFPR 2009

By Areas

- Applied Social 8%
- Biological 21%
- Health 11%
- Engineering 12%
- Agrarian 14%
- Exact and Hearth 16%
- Humanities 18%

Number by Level

- MSc 817
- PHD 465
- Pos-PHD 22

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.
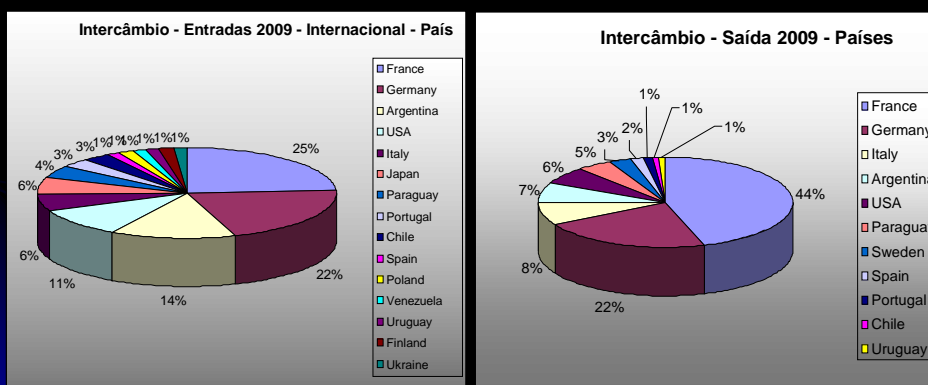
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UFPR – Mobility by country
Undergraduate 2009/2010

Students received from

Students sent to

Intercâmbio - Entradas 2009 - Internacional - País

France, Germany, Argentina, USA, Italy, Japan, Paraguay, Portugal, Chile, Spain, Poland, Venezuela, Uruguay, Finland, Ukraine

25%, 22%, 14%, 11%, 6%, 6%, 4%, 3%, 3%, 3%, 1%, 1%, 1%, 1%, 1%, 1%

Intercâmbio - Saída 2009 - Países

France, Germany, Italy, Argentina, USA, Paraguay, Sweden, Spain, Portugal, Chile, Uruguay

44%, 22%, 8%, 7%, 6%, 5%, 3%, 2%, 1%, 1%, 1%

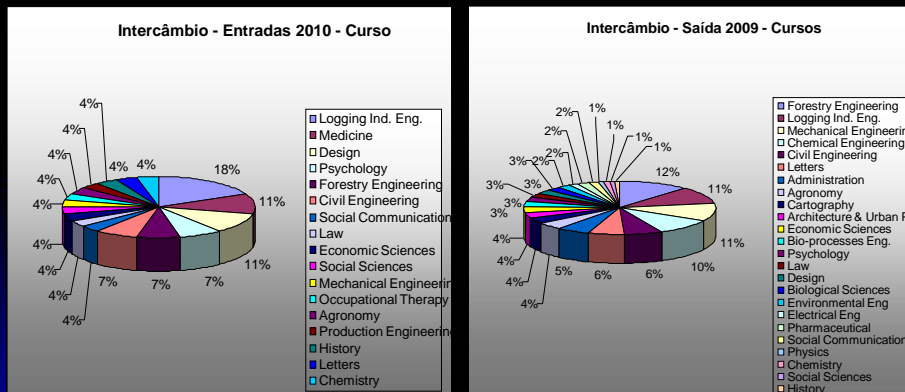Source: **UFPR International Affairs Office**

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UFPR – Mobility by area
Undergraduate 2009/2010

Students received from

Students sent to

Intercâmbio - Entradas 2010 - Curso

Intercâmbio - Saída 2009 - Cursos

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Universities creating Universities or Tutoring UNILA

- **UN**iversity for **I**ntegration of **L**atin **A**merica
  - Foz do Iguassu
  - Brazil-Paraguay-Argentina border
  - Bilingual to foster integration
- Latin America and the Caribean
  - 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