Innovation in a Research Driven University

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A Message about U.Porto

Portugal, the North Region, Porto, the University

A Strategy for the Third Mission at the University of Porto

The Commitment of the University of Porto with International Cooperation

To Wrap Up - Success factors and future plans
A comprehensive University whose genesis dates back to the XVIII century, born in a historical old City, Capital of the most industrialised Region of Portugal - The North Region

An University nationally at the top of all quality indicators, in all main interrelated areas of its mission:

- **Education**
- **Research**
- **Third Mission of Valorisation of Knowledge**

An university at the top of international cooperation in ERASMUS programmes for mobility of students, faculty and staff
But Equally:

- An University fully committed to Society in Social Dimension and Social Responsibility
- An University fully committed to promoting Culture and Sports

In All

- An University consistently ranked between the 50-150 best universities in Europe, globally and in field specific evaluations
THE MORE WESTERN COUNTRY OF THE EUROPEAN CONTINENT...
AND THE OLDEST IN STABILITY OF BOUNDARIES

PORTO - PORTUGAL
Favourable Markets in the World

Northwest of Iberia
- 9 Million

Portugal
- 10 Million

Iberia
- 50 Million

Europe
- 500 Million

Portuguese Speaking Countries
- 250 Million
3.7 million people

The most industrialized region of Portugal

1/3 of Portuguese GDP
COMPETITIVE INFRASTRUCTURES

Airport Francisco Sá Carneiro | Porto
- Excellent facilities
- ≈ 10,7 million passengers (2017)
- 74 destinations (2017)
- Awarded in 2017 as the Best Airport by ACI - Airports Council International in the category 5 to 15 million passengers

Port of Leixões
- ≈ 19,5 million tons (2017)
- + 25% of external Portuguese trade
- New cruise terminal

A dense network of motorways, covering all the territory
Qualified Human Resources

Multilingual Population
  • ≈ 42% speak 2nd language

University + Polytechnics
  • ≈ 124,000 students
• Figures and Facts
  • 16 Municipalities
  • ~1.700.000 inhabitants

• Porto brands - assets and attractions
  • Industry and trade
  • University of Porto
  • Architecture - 2 Pritzker award winners
  • History and Culture
    • World Heritage Site

• Excellent internal mobility - the light Metro System
14 Faculties

13 Interface Institutes, of which U.Porto is the main partner

1 Associated Business School - association between the University and 33 major companies
U. Porto - The Academic Associate of a Business School

The Porto Business School
THE SECOND LARGEST PORTUGUESE UNIVERSITY

A UNIVERSITY OF EUROPEAN DIMENSION

32,236 Students, 14% of which are international (2016/17)

- 12,627 Integrated Master Students
- 8,602 1st Cycle / Bachelor Students
- 6,005 2nd Cycle / Master Students
- 4,075 3rd Cycle / PhD Students
639 TRAINING PROGRAMMES (2016/17)

- 1st Cycle programmes / Bachelor: 34
- 2nd Cycle programmes / Master: 117
- 3rd Cycle programmes / PhD: 94
- Integrated Master programmes: 18
- Continuous Education: 376
7,719 Graduates, 401 International (2015/16)

- 3.706 1st Cycle / Bachelor
- 1.742 2nd Cycle / Master
- 1.821 Integrated Master
- 450 3rd Cycle / PhD

Graduates, 401 International (2015/16)
2.436 Teaching staff and researchers (Dec. 31st 2017)
1.789 Full Time Equivalent (FTE)
89% Teaching staff and researchers (FTE) with PhD
1.576 Technical and Administrative staff
272 M€ Annual consolidated budget (2016)
49 R&D Units, with more than 3000 researchers, working both

- in the Faculties

Or

- in Interface Institutes
A top producer of Science in Portugal

18,812 Papers indexed in the ISI Web of Science (2011-2015)

23.4% of the papers produced in Portugal
UNIVERSITY OF PORTO
THE THIRD MISSION
CHALLENGES AND STRATEGY
Challenges

To create value based on knowledge

To create employment opportunities for the students
Our Strategy

to foster the creation of technology based companies and creative business and attract innovation centers
The Innovation Office

The Park of Science and Technology
UPin Technologies
Protect and commercialize intellectual property

UPin Ventures
Promote the creation and acceleration of spin-offs

UPin Corporate
Foster close relationships with industry
December 31, 2017

400+ patents since 2004

243 active patents

25 active licensed technologies
8 editions

1000+ participants

15 spin-offs created
30+ sessions
1000+ researchers involved
COTEC - Award - “Valorization of Knowledge and Promotion of Entrepreneurship”

2007

COTEC - Award “Promotion of Entrepreneurship”

2012

Portugal Ventures - Distinguished as “Partner of the Year”

2014

COTEC - Honorable Mention Award “Best Reference Cooperation University-Companies”

2013
Science and Technology Park
Science and Technology Park - UPTEC

Technology Centre

Creative Industries Centre

Sea Centre

Biotechnology Centre

30.000 square meters
Business Projects (December 31, 2017)

181 Projects

119 Start-ups (66%)
21 Anchor Companies (12%)
41 Innovation Centres (22%)

Plus

64 Graduate Companies

Domains of activity

67% TEC Companies
12% BIOTEC Companies
15% CREATIVE INDUSTRIES
6% SEA related subjects business
➤ 2400+ Highly qualified direct jobs

➤ 5000+ direct and indirect jobs

➤ 100 M€ of Salaries

➤ 185+ M€/y Contribution to the GDP

➤ 39,5 M€ Tax Revenue

➤ Export to 36 Countries of all 5 Continents
Award for Smart Growth
UPTEC as a successful European Case Study

The European Commission presents UPTEC as a case of success in applying European Funds to promote employment and growth

November 2014
BIN@ - BUSINESS & INNOVATION NETWORK

CONNECT | SHARE | GROW
businessandinnovation.net

Founded by the University of Porto, together with the University of S. Paulo and the University of Sheffield

BIN@ is an international network of engaged academic and industry partners, supporting the creation of a sustainable forum for sharing good practice and opportunities in Innovation.
BIN@ - BUSINESS & INNOVATION NETWORK

CONNECT | SHARE | GROW

businessandinnovation.net

+1730 International Delegates

Open innovation
Added value
Real impact
BIN@Annual Events 2010 - 2014

Porto 2010

Sheffield 2011

Porto 2012

S. Paulo 2013

Sheffield 2014
“When I think about Porto, I think about Innovation...”

Violeta Bulc, EU Commissioner for Transport, addressing the public at BIN@Porto, 2/11/2015
A concerted effort to expand International Cooperation

- University networks with Latin America - through Universia Network

- University networks with Asia - ASEF, The ASIA-Europe Foundation, a non-profit intergovernmental organization funded by the 53 members of the Asia-Europe Meeting (ASEM) Process.

- University networks with Asia - ASIA UNINET - European and South-East Asian universities with the goal of promoting the continuous internationalisation of education and research. Consists today of more than 70 universities from 16 countries.
### U.PORTO IN THE ERASMUS+ 2017 PROGRAM

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5 Continents

~91 Countries

> 822 Institutions Involved

> 1500 Awarded Scholarships
   (220 for non EU countries)

> 13,5 M € Millions of euros in Total

> 5,8 M € Millions of euros Managed by U.Porto
Institutional Award for Innovation in Internationalisation

Prize awarded by the Executive Committee of the European Association for International Education (EAIE) in 2016 (Liverpool, United Kingdom)
Strategic Location

Good Infrastructures

Qualified Human Resources

A strong University, at the top of international cooperation

A very appealing City

To have political will and a strategy for innovation

For the future

- Consolidation of international networking through the ERA
- Consolidation of national networking with companies and municipalities

The objective of sustained growth
A UNIVERSITY AND A CITY OF SCIENCE AND INNOVATION

A VERY ATTRACTIVE DESTINATION

Many Thanks for your Attention
Come and visit Porto, Network with U.Porto