

# UNIVERSIDADE DO PORTO

PORTUGAL

**U.PORTO**



**Shahid Beheshti University, Iran  
15 January 2017**

**Sebastião Feyo de Azevedo, Rector**

**U.PORTO**

MESSAGE ABOUT U.PORTO

- **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

## PORTUGAL : EURO-ATLANTIC NODE



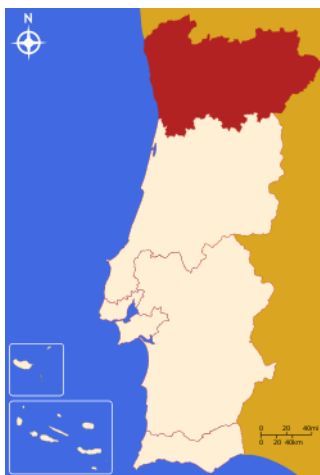
**Cantino Planisphere (1502): The oldest known map showing Portuguese Discoveries**

THE OLDEST WESTERN COUNTRY OF THE EUROPEAN CONTINENT...  
AND THE OLDEST IN STABILITY OF BOUNDARIES



U.PORTO

NORTH REGION OF PORTUGAL



- 3,7 million people
- 3 Universities + several Polytechnics
  - ≈ 124.000 students
- The most industrialized region of Portugal
- 1/3 of Portuguese GDP
- Strategic location

**U.PORTO** NORTH REGION OF PORTUGAL

### Strategic Location

- Northwest of Iberia
  - 9 Million
- Portugal
  - 10 Million
- Iberia
  - 50 Million
- Europe
  - 500 Million
- Portuguese Spoken Countries
  - 250 Million

**U.PORTO** NORTH REGION OF PORTUGAL

### Competitive Infrastructures

- Airport Francisco Sá Carneiro | Porto**
  - Excellent facilities
  - ≈ 6 million passengers / year
  - ≈ 80 destinations
- Port of Leixões**
  - ≈ 15 million tons/year
  - 25% of external Portuguese trade
  - New cruise terminal
- A dense network of motorways, covering all the territory



## Porto: The Capital of the North Region of Portugal



### 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
  - The Bridges of Porto
- A World class team - FC Porto... !





# UNIVERSITY OF PORTO

## GENERAL OVERVIEW

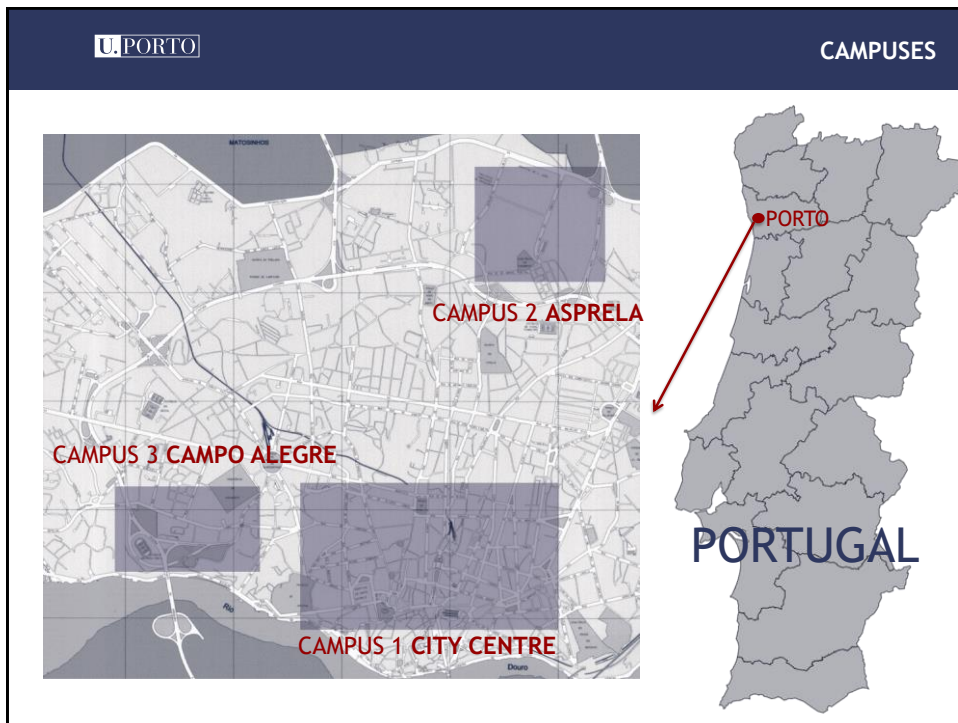
U.PORTO



U.PORTO

### U.PORTO CONSTITUTIVE ENTITIES / ASSOCIATED ENTITIES

- 14** Faculties (with integrated research units)
- 13** Interface Institutes, of which U.Porto is the main partner
- 1** Associated Business School - association between the University and 33 major companies





## CAMPUS 2 ASPRELA

- Faculty of **Nutrition and Food Sciences**
- Faculty of **Sports**
- Faculty of **Economics (and Management)**
- Faculty of **Engineering**
- Faculty of **Medicine**
- Faculty of **Dental Medicine**
- Faculty of **Psychology and Education Sciences**



## CAMPUS 3 CAMPO ALEGRE

- Faculty of **Arts (Humanities and Social Sciences)**
- Faculty of **Architecture**
- Faculty of **Sciences**



☞ **49 R&D Units, all together with more than 2500 researchers, working**

- **either in the Faculties**
- **or in Interface Institutes**

☞ **Main Interface Institutes**

- **CIIMAR - Centre of Marine and Environmental Research**
- **ICETA - Institute for Agrarian and Agri-Food Science and Technology**
- **INEGI - Institute of Mechanical Engineering and Industrial Management**
- **INESC-TEC - Institute of Information Technologies, Telecommunications and Electronics**
- **I3S - Institute for Innovation and Health Research**
- **REQUIMTE - Chemistry and Technology Network**
- **CIBIO - Research Centre in Biodiversity and Genetic Resources**
- **CAUP - Astrophysics Centre**
- **ISPUP - Institute of Public Health of the University of Porto**

**U.PORTO** **INFRASTRUCTURES**

  
11 Cantines + 1 Restaurant + 7 Snack-bars + 1 Grill

   
9 Halls of Residence 16 Libraries

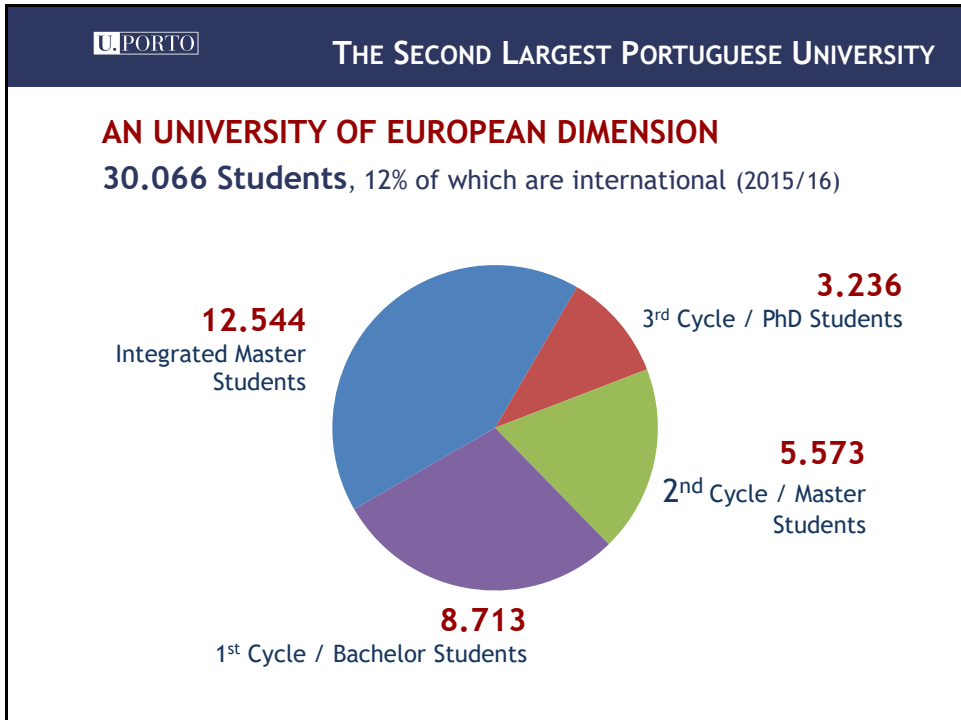
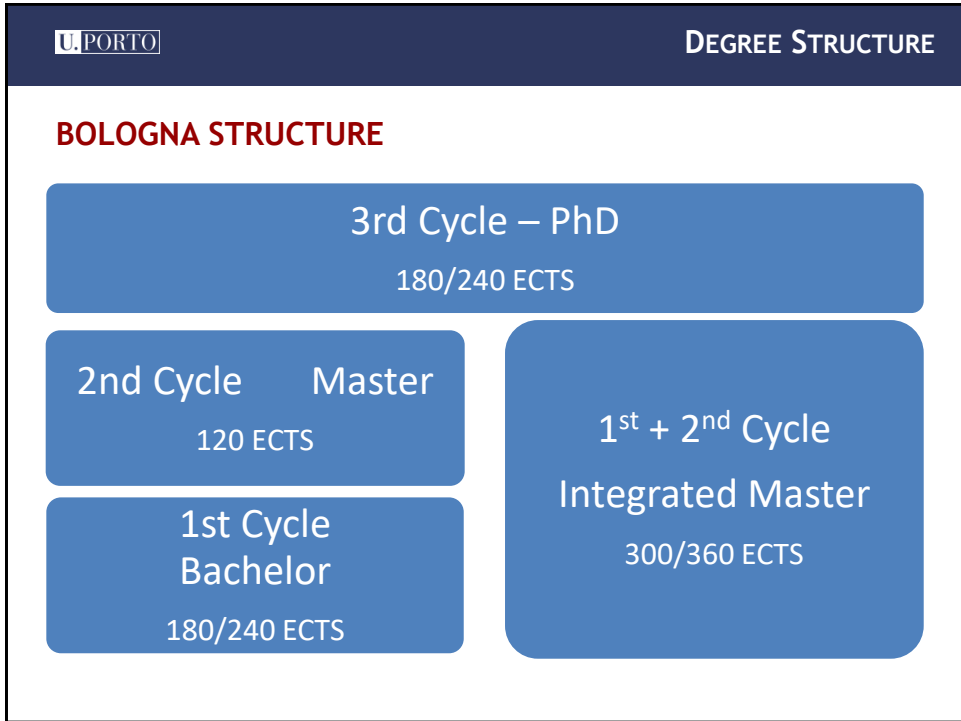
  
12 Museums

    
2 E-Learning Café Sports Centre Wireless Connection in all University Buildings



**UNIVERSITY OF PORTO**  
EDUCATION





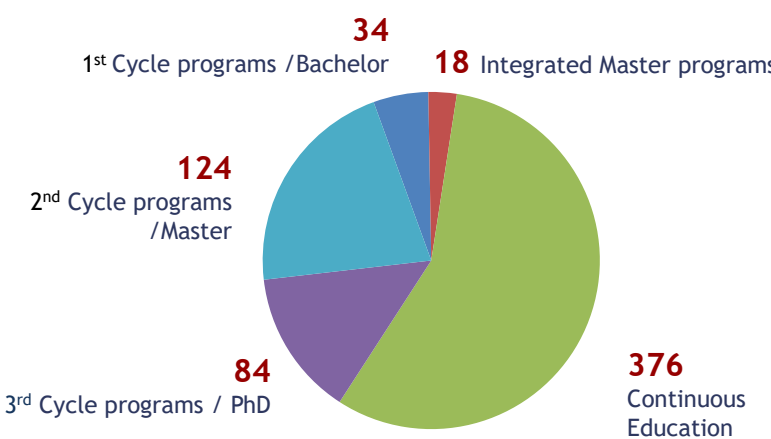
**U.PORTO** **STAFF AND BUDGET**



<b>2.291</b>	Teaching staff and researchers (Dec. 31 <sup>st</sup> 2015)
<b>1.750</b>	Full Time Equivalent (FTE)
<b>87%</b>	Teaching staff and researchers (FTE) with PhD
<b>1.563</b>	Technical and Administrative staff
<b>270 M€</b>	Annual consolidated budget

**U.PORTO** **PORTO BUSINESS SCHOOL: RANKINGS**

**636 TRAINING PROGRAMS (2015/16)**



<b>34</b>	1 <sup>st</sup> Cycle programs / Bachelor	<b>18</b>	Integrated Master programs
<b>124</b>	2 <sup>nd</sup> Cycle programs / Master		
<b>84</b>	3 <sup>rd</sup> Cycle programs / PhD		
		<b>376</b>	Continuous Education



**THE MOST SOUGHT-AFTER UNIVERSITY  
BY PORTUGUESE STUDENTS (2015/2016)**

Just about 2 applicants in 1<sup>st</sup> choice for each of the 4160 available places for 1<sup>st</sup> cycle and integrated master programs

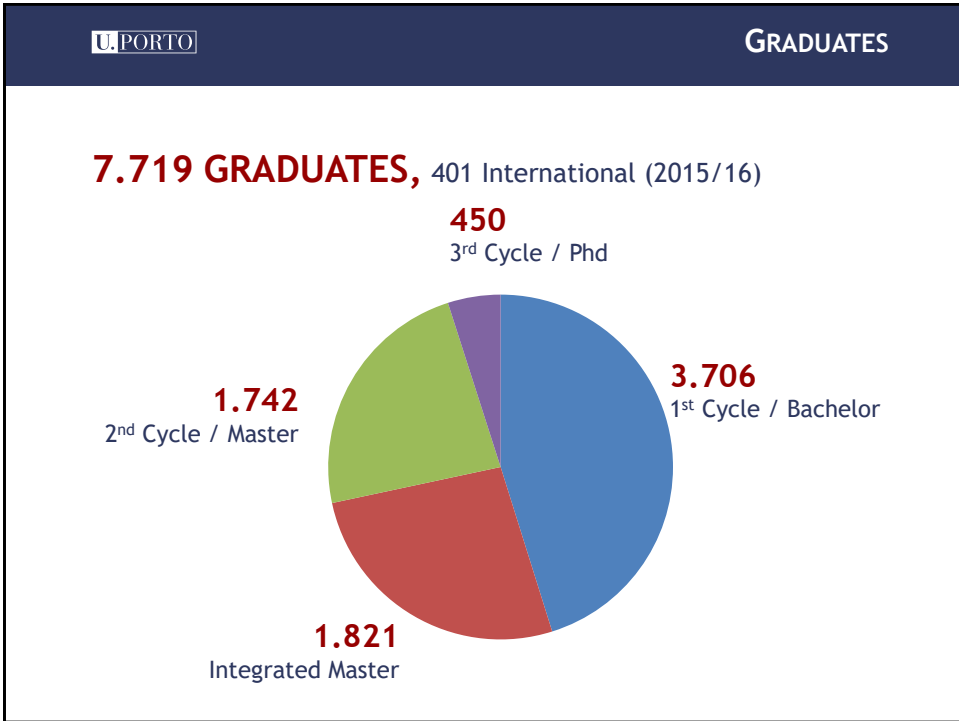
**HIGHEST ACCESS GRADES OF ALL PORTUGUESE UNIVERSITIES**

**156.8/200**      Weighted average of minimum entry marks

**2 on top 3**      Programs with the highest minimum entry marks

**4 on top 8**      Programs with the highest minimum entry marks

**10 on top 25**      Programs with the highest minimum entry marks



**U.PORTO**

**UNIVERSITY OF PORTO**  
R&D

**U.PORTO**

## A TOP PRODUCER OF SCIENCE IN PORTUGAL

**19 732** Papers indexed in the ISI Web of Science (2009-2013)

**23,1%** of the papers produced in Portugal

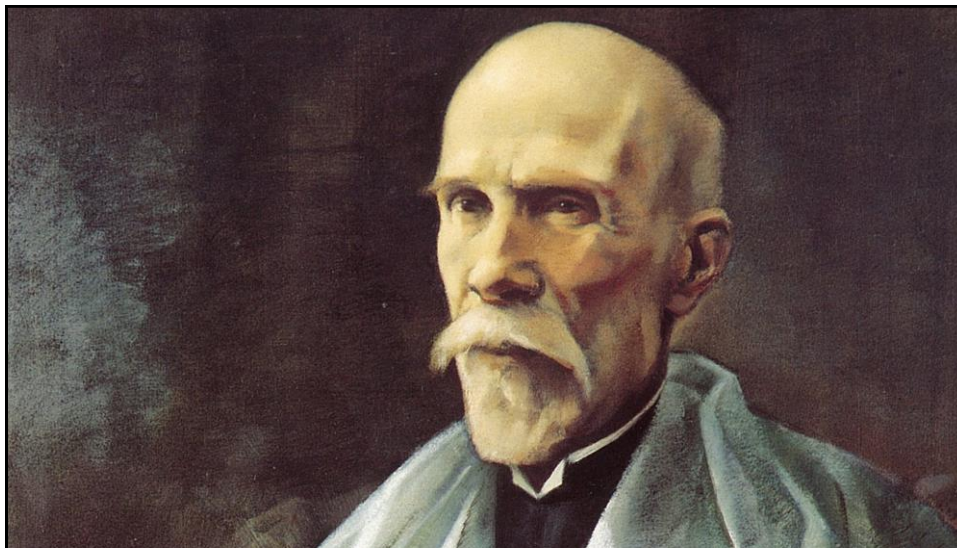
**12%** Average annual growth rate since 2009



**460** New R&D funding agreements (between 2013-2015)

**613** R&D projects in progress

**100M€** Target for funding through Horizon2020 and Portugal2020 in 2016-2017 - on its way



# UNIVERSITY OF PORTO

## SOME OUTSTANDING PEOPLE



**Eduardo Souto Moura**  
2011



**Álvaro Siza Vieira**  
1992

### 2 PRITZKER Prize Winners, ARCHITECTURE'S NOBEL

Two architects from the School of Porto, and invited professors of the University of Porto



U.PORTO



**Manuel Sobrinho Simões**  
2015

The most influential pathologist, 2015, by *The Pathologist Journal*  
Professor of the Faculty of Medicine, University of Porto

<https://thepathologist.com/the-power-list-2015/>

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**Maria João Ramos**  
2014

Honorary Doctor in Natural Science by Stockholm University, 2014  
Professor at the Faculty of Sciences, University of Porto  
Currently Vice Rector for Research

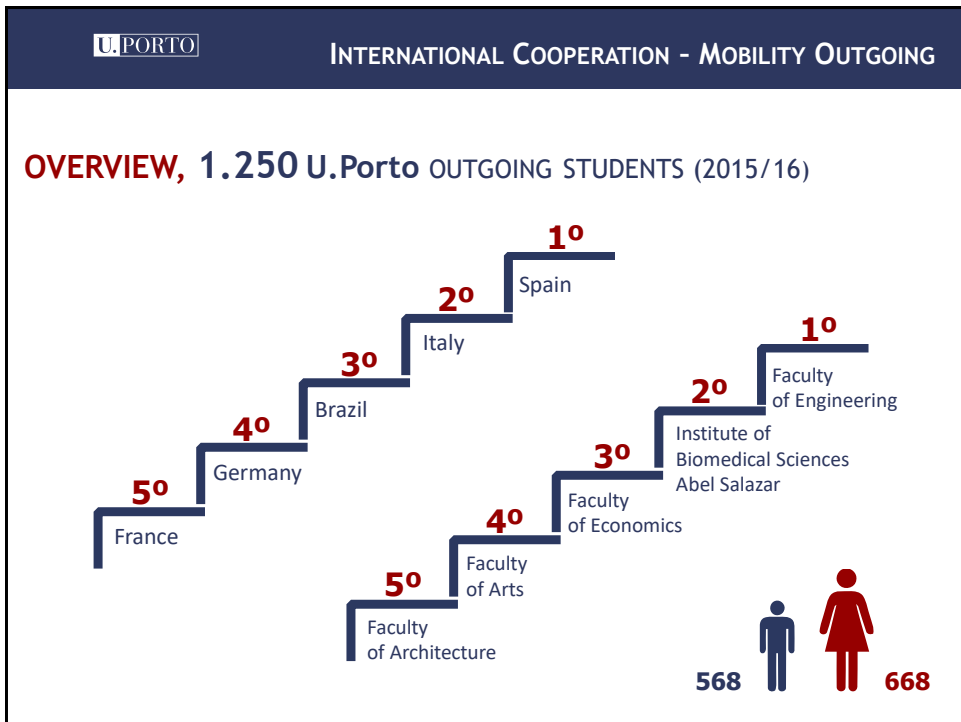
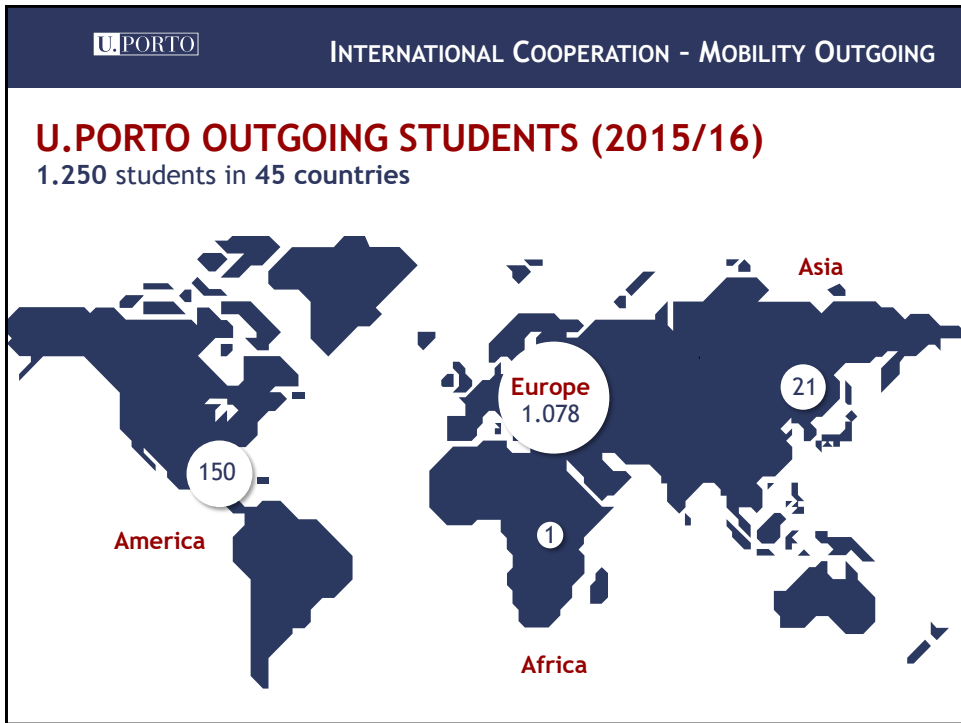
**U.PORTO** **ERCs - EUROPEAN RESEARCH COUNCIL GRANT HOLDERS**

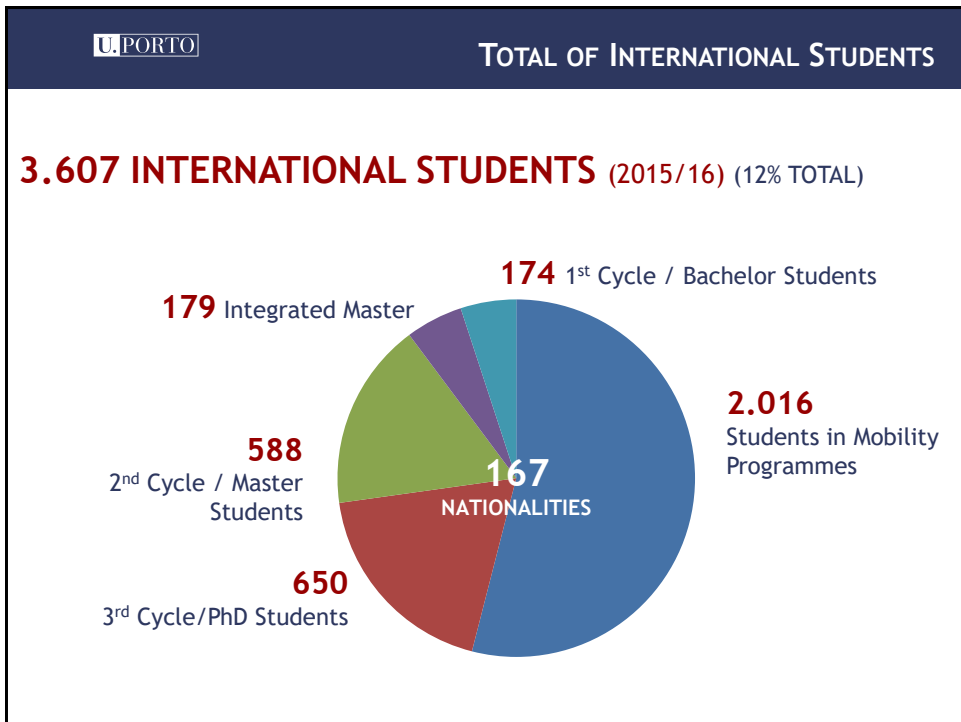
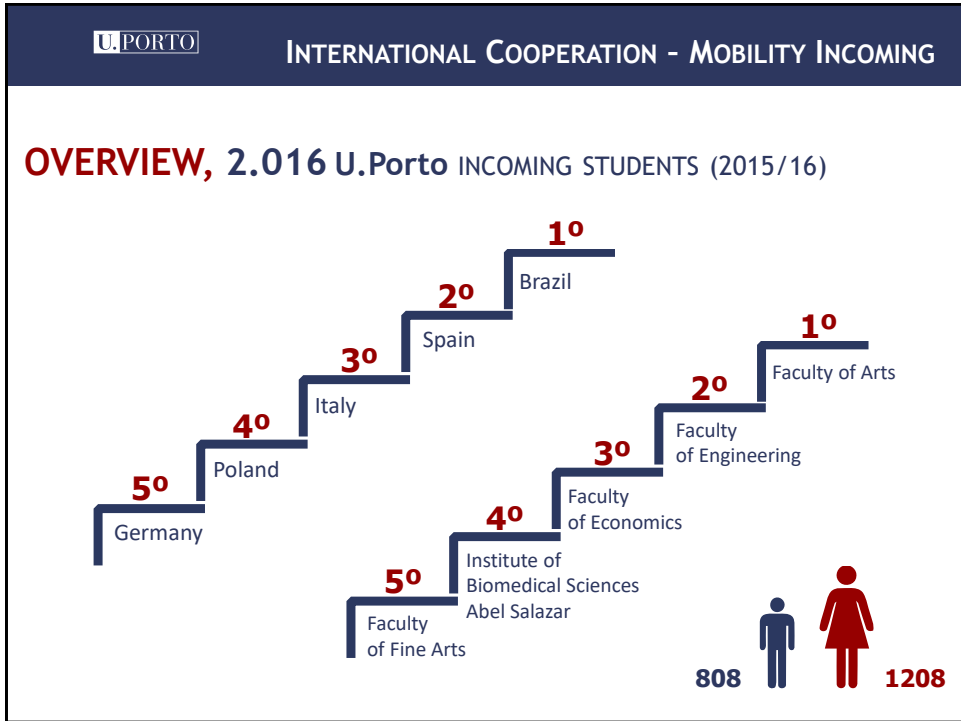
			
<p><b>Nuno Santos</b> CAUP Starting Grant 2009</p>	<p><b>Helder Maiato</b> IBMC - UP Starting Grant 2010</p>	<p><b>Adélio Mendes</b> FEUP Advanced Grant 2012</p>	<p><b>Manuel Alves</b> FEUP Starting Grant 2012</p>
			
<p><b>Reto Gassmann</b> IBMC - UP Starting Grant 2013</p>	<p><b>Ana Xavier de Carvalho</b> IBMC - UP Starting Grant 2014</p>	<p><b>Nuno Alves</b> IBMC -UP Starting Grant 2014</p>	<p><b>José Bessa</b> i3S - UP Starting Grant 2015</p>



**UNIVERSITY OF PORTO**  
INTERNATIONAL COOPERATION

**U.PORTO**







**U.PORTO** **IRANIAN STUDENTS IN THE UNIVERSITY OF PORTO**

☞ **DEGREE STUDENTS IN 2016/2017**

- **43 IN PHD PROGRAMS**
- **4 IN MASTER PROGRAMMES**

☞ **MOBILITY STUDENTS IN 2016/2017**

- **4 STUDENTS IN - 2 IN ENGINEERING; 1 IN PHARMACY; 1 IN SCIENCES**

**U.PORTO** **INTERNATIONAL COOPERATION - STUDENT SATISFACTION**

**2015 winner**

**Certificate for**  
**International Student Satisfaction**

*Awarded to*

**University of Porto**

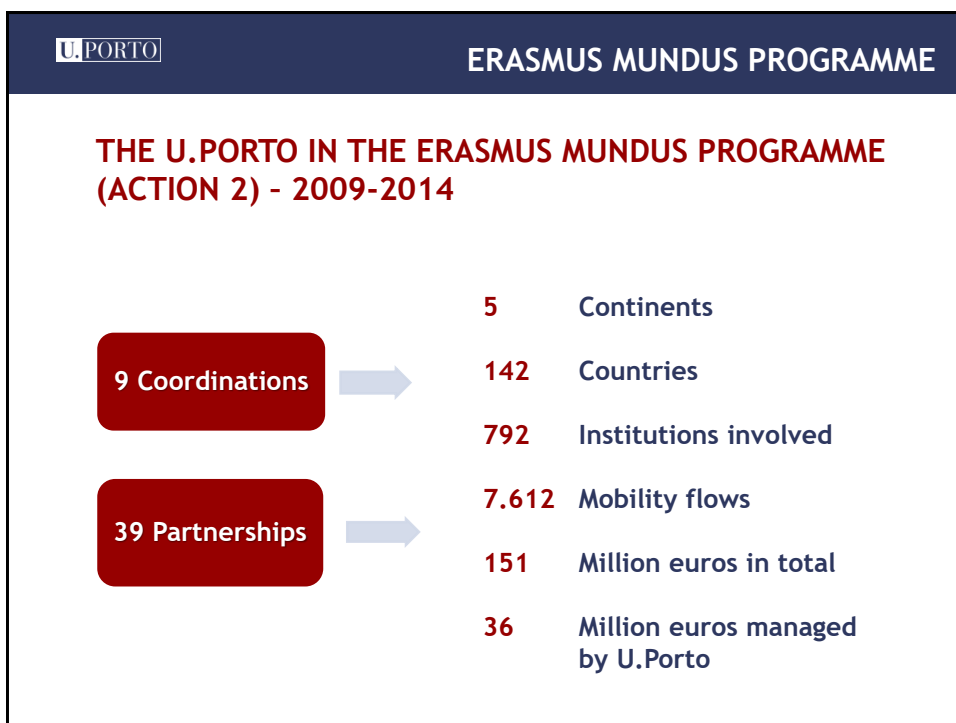
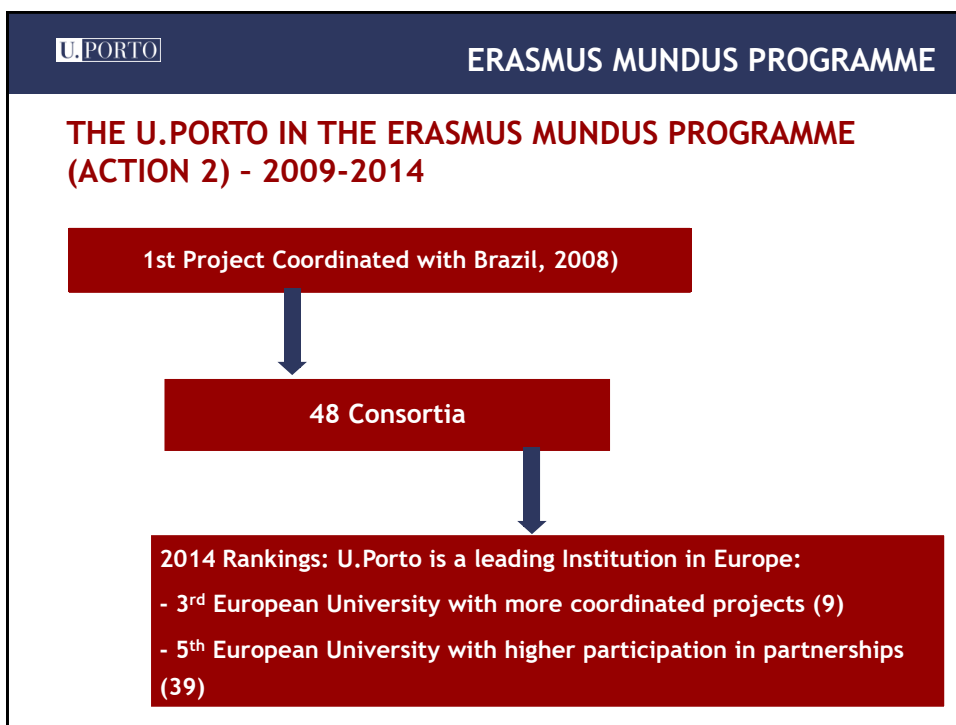
For Excellent International Student Satisfaction  
based on 38 student reviews on the StudyPortals website STeXX.eu

**2015 Score**  
**9+**  
out of 10  
★

 **studyportals**  
taking you further

 **unicef**

For every review on STeXX.eu, StudyPortals makes a donation to UNICEF's "School for Africa" campaign on behalf of the student.  
The Goal: to fund the building of a school in Guinea-Bissau.



**U.PORTO** **ERASMUS+ PROGRAMME**

## U.PORTO IN THE ERASMUS+ PROGRAMME 2016

<b>4</b> Coordinations	<b>5</b> Continents
<b>13</b> Partnerships	<b>-80</b> Countries
	<b>&gt;500</b> Institutions Involved
	<b>1.721</b> Awarded Scholarships (376 for non EU countries)
	<b>&gt;9</b> Millions of euros in Total
	<b>-3,5</b> Millions of euros Managed by U.Porto

**U.PORTO** **2016 - INNOVATION IN INTERNATIONALISATION**



**REWARDING EXCELLENCE  
2016 EAIE AWARD WINNERS**

**INSTITUTIONAL AWARD FOR INNOVATION IN INTERNATIONALISATION**  
**U.PORTO**  
 University of Porto  
 Portugal

**CONSTANCE HELDRICH AWARD FOR VISION AND LEADERSHIP**  
 Jo Wilson  
 Formerly President, Massey University and Minister of Education, Culture and Science, New Zealand

**PREISENSSEN AWARD FOR BEST PRACTICE**  
 János Szék  
 University of Debrecen, Hungary

**TONY ADAMS AWARD FOR EXCELLENCE IN RESEARCH**  
 Betty Leask  
 La Trobe University, Australia

**LEADERSHIP AWARD**  
 Dulaine Dossouville  
 Abilene State, USA

**PRESIDENT'S AWARD**  
 Dulaine Dossouville  
 Abilene State, USA

**RISING STAR AWARD**  
 Ceren Şenel  
 Ankara, Turkey

**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)**

**UNIVERSITY OF PORTO**  
**THE THIRD MISSION**  
**CHALLENGES AND STRATEGY**

Challenges

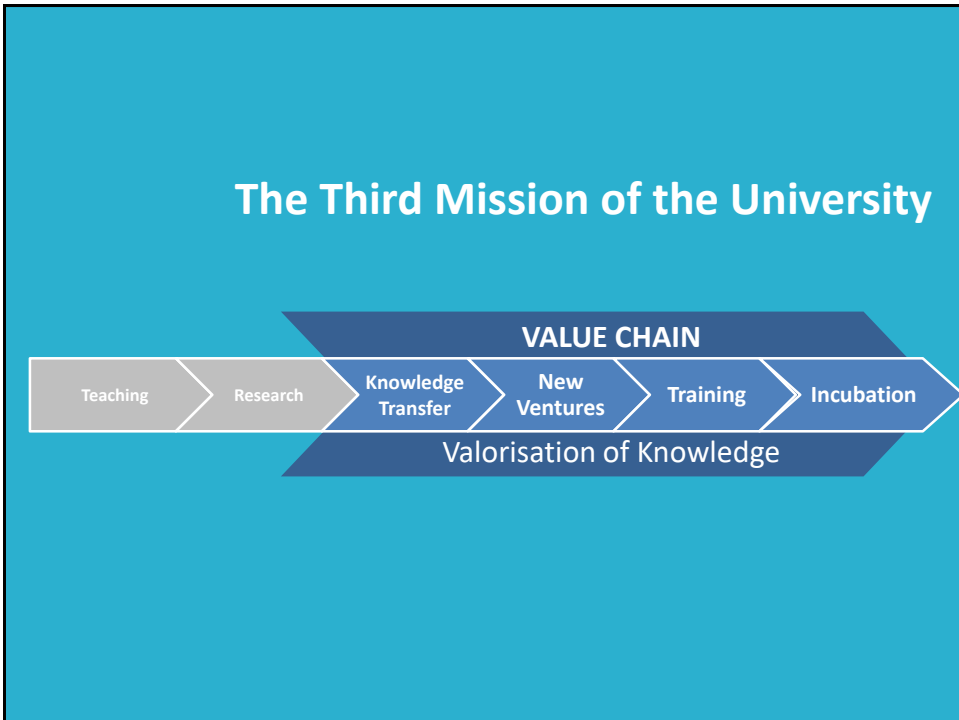
To create employment opportunities for the students

To create value based on knowledge



## Our Strategy

supporting an effective knowledge and technology transfer between academia and the market;



## The Two Instruments for Action

The Innovation Office



The Park of Science and Technology



Science and Technology Park

**U.PORTO** INNOVATION - KNOWLEDGE VALORISATION

## Science and Technology Park - UPTEC



**Technology Center** (UPTEC TECH)

**Creative Industries Center** (UPTEC PINC)

**Sea Center** (UPTEC MAR)

**Biotechnology Center** (UPTEC BIO)

**30.000 square meters**



**U.PORTO** INNOVATION - KNOWLEDGE VALORIZATION



### Business Projects (31 Dec 2015)

**167 Projects**

- 30 Em Pre-incubation
- 88 Start-ups
- 8 Anchor Companies
- 31 Innovation Centres

**Plus**

- 36 Graduate Companies in the market

**All, responsible for / involving**

- 1800+ Highly qualified jobs
- Hundreds of training projects
- 60+ M€/y Contribution to the GDP

**UPTEC**

**UPTEC TECH**

**UPTEC PINC**

**UPTEC BIO**

**UPTEC MAR**

**Start-ups**

**addclick**  
web & marketing solutions

**kinematix**  
making sense of body dynamics

**Veniam**

**OSTV**

**sphere**  
ULTRAFAST PHOTONICS

**Innovation Centres**

**efacec**

**Fraunhofer PORTUGAL**

**CIN**

**Microsoft**

**vodafone**

**U.PORTO**

**UPTEC AWARD WINNER 2013**

**Award for Smart Growth**

**UPTEC**

**RegioStars 2013 Winner**

This is to certify that the project entitled  
**UPTEC – Parque de Ciência e Tecnologia da Universidade do Porto**  
managed by  
**UPTEC**  
received an award in the category  
**Smart growth - Connecting universities to regional development**  
of the **RegioStars 2013** awards.

This certificate was presented on 31 January 2013 by

*Johannes Hahn*  
European Commissioner for Regional Policy

*Luc Van den Brande*  
President of the RegioStars 2013 Jury

**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





<http://mostra.up.pt>



### U.Porto Education Fair presenting to the Public works from Research Labs

- 18.000 +** Participants in the 14th Edition (2016)
- 96** Schools involved
- 115** School Visits
- 6.470** Visitors integrated in those School Visits



### Junior University 2016 - June - July

**6000+ Students in U.Porto Jr**  
**\*1200+ with accommodation**



<http://universidadejunior.up.pt>

Participants aged between 11 and 17

\*International Participants from more than 15 Countries: Brazil, Spain, The Netherlands, France, Mozambique, Angola, S. Tome and Principe, Belgium, East Timor, USA, Italy...

**39 Partnerships established with Municipalities**



COMMITMENT TO SOCIETY - PROMOTING EMPLOYABILITY

**FINDE.UP Initiative - UNIVERSITY INTERNATIONAL JOB FAIR**  
**"Opening doors to your future"**

Universidade do Porto  
 Universidade de Trás-os-Montes e Alto Douro  
 Universidade de Vigo

1st Job Fair - Porto, 3-4 November 2015

80+ Business Companies

Cooperation with 30 Municipalities

3000+ participants

1st Virtual JOB Fair - 30 May - 3 June 2016 \*

2 International JOB Fairs

2 - 3 November, 2016, Porto

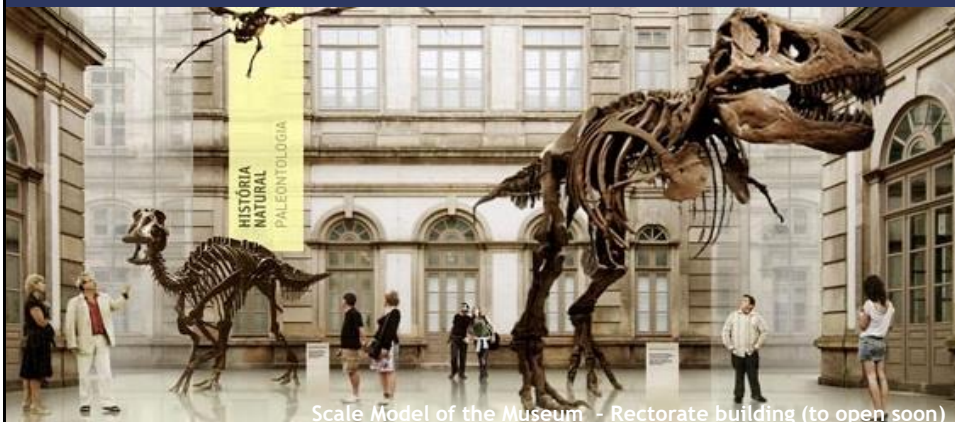
7 - 8 November, 2016, Vigo, Spain

\* In cooperation with EURES Network



**UNIVERSITY OF PORTO**  
 PROMOTING CULTURE





Scale Model of the Museum - Rectorate building (to open soon)

## THE NATURAL HISTORY AND SCIENCE MUSEUM

Is the result of an ambitious project that brings together the Natural History and Scientific articles and collections of the Faculty of Sciences



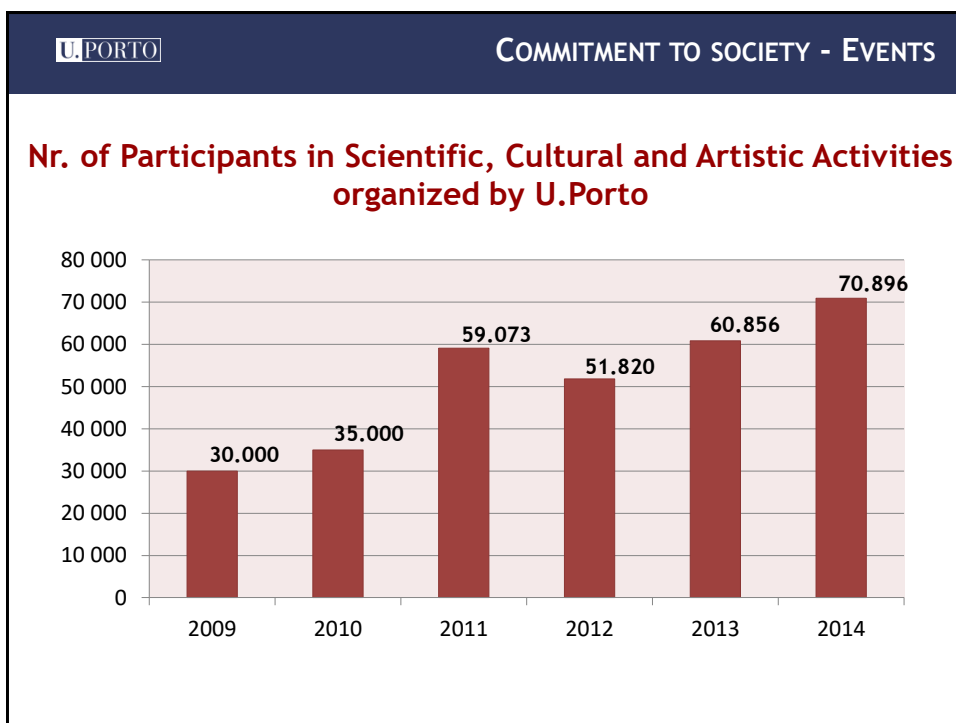
The Classical Orchestra of the Faculty of Engineering performs on behalf of the University

**U.PORTO** **U.PORTO PRESS**



**COLLECTIONS**

- Portuguese Literature
- Eminent Personality
- Essays (Social and Human Sciences, Biological and Health Sciences, Engineering and Technological Sciences, Exact and Applied Sciences, Architecture and Urbanism, Law, Sports, Arts)
- U.Porto Interactive
- Teaching and University Education
- Teaching of Portuguese as a Foreign Language
- Museum of the University









**BEST WUC 2014 AWARD**

The FISU Executive Committee nominated the 2014 World University Beach Volleyball Championship for the “Best WUC 2014” award



**UNIVERSITY OF PORTO**  
BEFORE THE BIG STEP



# UNIVERSITY OF PORTO


## RANKINGS

	Portugal	Europe	Ibero-America	World
QS World University Rankings 2015/16	1	138	17	308
ARWU (Shanghai Jiao Tong University) 2015	2	122-158	8-18	301- 404
SCImago Institutions Ranking 2016	2	64	5	173
URAP - University Ranking by Academic Performance 2015/16	2	84	6	183



U.PORTO		GLOBAL RANKINGS			
	Portugal	Europe	Ibero-America	World	
Times Higher Education (THE) 2015	2-5	202-253	10-20	401-500	
Webometrics 2016	1	49	6	167	
NTU (National Taiwan University Ranking) 2015	2	115	9	269	
Leiden (The Leiden Ranking) 2016	2	42	5	149	

U.PORTO		RANKINGS BY FIELD - ENGINEERING			
<b>QS Ranking</b>		<b>NTU Ranking</b>		<b>ARWU Ranking</b>	
Scope	2015	Scope	2015	Scope	2015
Portugal	1	Portugal	2	Portugal	2-3
Europe	55	Europe	36	Europe	35-55
Ibero-America	9	Ibero-America	5	Ibero-America	5-8
World	168	World	157	World	151-200
<b>US News Ranking</b>		<b>URAP Ranking</b>			
Scope	2015	Scope	2015		
Portugal	2	Portugal	1		
Europe	21	Europe	16		
Ibero-America	3	Ibero-America	2		
World	88	World	78		

 <b>RANKINGS - ENGINEERING BY SUBJECT</b>				
QS Ranking 2015				
Subject	Portugal	Europe	Ibero-America	World
Civil Engineering	1	16-30	3-5	51-100
Chemical Engineering	1	26-41	3-6	101-150
Electrical Engineering	1	48-64	6-9	151-200
NTU Ranking 2015				
Subject	Portugal	Europe	Ibero-America	World
Civil Engineering	2	14	3	59
Chemical Engineering	1	15	3	76
Mechanical Engineering	2	25	2	80



**PORTO**  
A HISTORICAL CITY



**U.PORTO** PORTO, A HISTORICAL CITY



**PORTO**

- A historical City, with a wide range of cultural sites, equipment and events
- City Centre - UNESCO world heritage site
- Best European Destination 2013 & 2014
- One of the less expensive cities in Europe
- Excellent Accesses
- Safe city

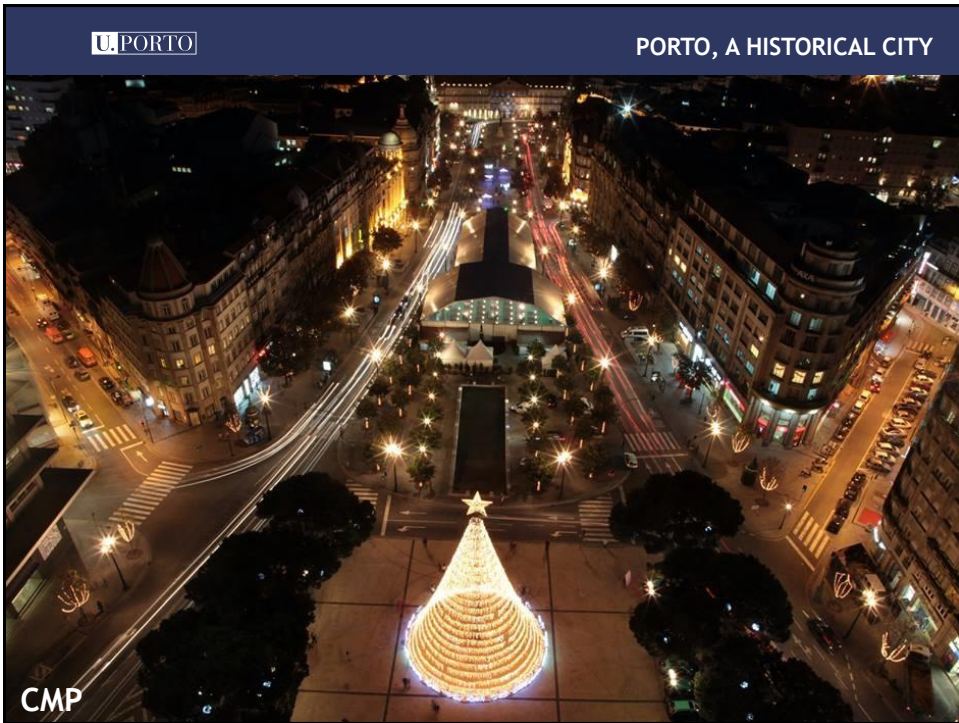
**U.PORTO** PORTO AND GAIA - FROM THE DAYS OF THE ROMANS



**Port Wine Cellars**

**2000 years ago Portus Cale**

















U.PORTO

PORTO, CITY OF MUSIC: CASA DA MÚSICA - CONCERT HALL 2005


Arch. Rem Koolhaas, Pritzker Winner, RIBA European Award 2007

**U.PORTO** **COST OF LIVING**

 <b>TRANSPORTS</b> <b>30,10€</b> <small>(monthly 22 students)</small> Bus+ metro <b>1,2€ - 1,5€</b> (Z2/Z3 trip)	 <b>MEALS</b> <b>150-200€</b> <small>(monthly)</small> ↓ 1 MEAL <b>2,45€</b> (cantine) ↓ 1 MEAL <b>5€-25€</b> (restaurant)	 <b>LODGING</b> <b>130-250€</b> <small>(monthly)</small>		
<b>FOOD</b>				
 1 l water <b>0,20€</b>	 1 l milk <b>0,70€</b>	 bread <b>0,12€</b>	 1 kg of rice <b>1€</b>	 1 coffee (express) <b>0,60€ - 0,80€</b>
 <b>NEWSPAPER</b> <b>1,10€ - 2,70€</b>		 <b>CINEMA</b> <b>5,10€</b> (students)		

Faculty of Architecture	
Faculty of Fine Arts	
Faculty of Sciences	
Faculty of Nutrition and Food Sciences	
Faculty of Sport	
Faculty of Law	
Faculty of Economics	
Faculty of Engineering	
Faculty of Pharmacy	
Faculty of Arts	
Faculty of Medicine	
Faculty of Dental Medicine	
Faculty of Psychology and Education Sciences	
Institute of Biomedical Sciences Abel Salazar	

**UNIVERSIDADE  
DO PORTO**  
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 **PORTO**