

THE UNIVERSITY OF PORTO: MISSION, FACTS AND FIGURES

SEBASTIÃO FEYO DE AZEVEDO, RECTOR

INAUGURATION OF FAIRJOURNEY NEW LABS

PORTO, 20 MARCH 2017

U.PORTO



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: AN ANCIENT COUNTRY OPEN TO THE WORLD



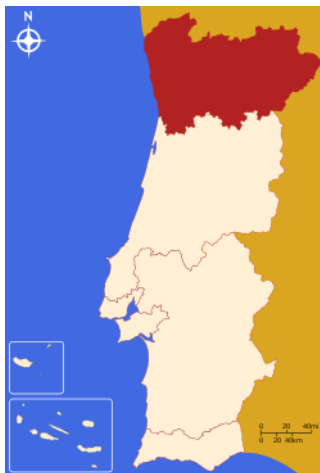
Cantino Planisphere (1502): The oldest known map showing Portuguese Discoveries

EUROPE, AN OBVIOUSLY DIFFICULT CONTINENT



U.PORTO


NORTH REGION OF PORTUGAL



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

U.PORTO NORTH REGION OF PORTUGAL

Strategic Location



The map illustrates Porto's strategic location as a central hub in the Northwest of Iberia. It shows flight routes to major European cities and Luanda, Africa. Flight durations are indicated: 8h to New York, 4h to Stockholm, 2h to London, 2h to Paris, 3h30 to Rome, 1h to Lisbon, 1h to Madrid, and 8h to Luanda. A large circle highlights the Northwest of Iberia region.

- 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



The photograph shows the Port of Leixões, featuring a prominent blue gantry crane and a green ship docked at the pier. The background shows a clear sky and distant buildings.

- 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


U. PORTO **PORTO METROPOLITAN AREA**

Figures and Facts

- 16 Municipalities
- ~1.700.000 inhabitants

Porto brands - assets and attractions

- Industry and trade
- History and Culture
 - World Heritage Site
 - Port Wine
 - The bridges of Porto
- University of Porto
- Architecture - 2 Pritzker award winners




UNIVERSITY OF PORTO

GENERAL OVERVIEW

U.PORTO UNIVERSITY OF PORTO: 1762 -1911

Nautical Class

Royal Medical School

The University - Its Rectorate was installed here

1762 → 1769 → 1825 → 1837 → 1911

Sketching and Drawing Class

The Polytechnic Academy - the teaching of engineering in Portugal started in this building, in 1837

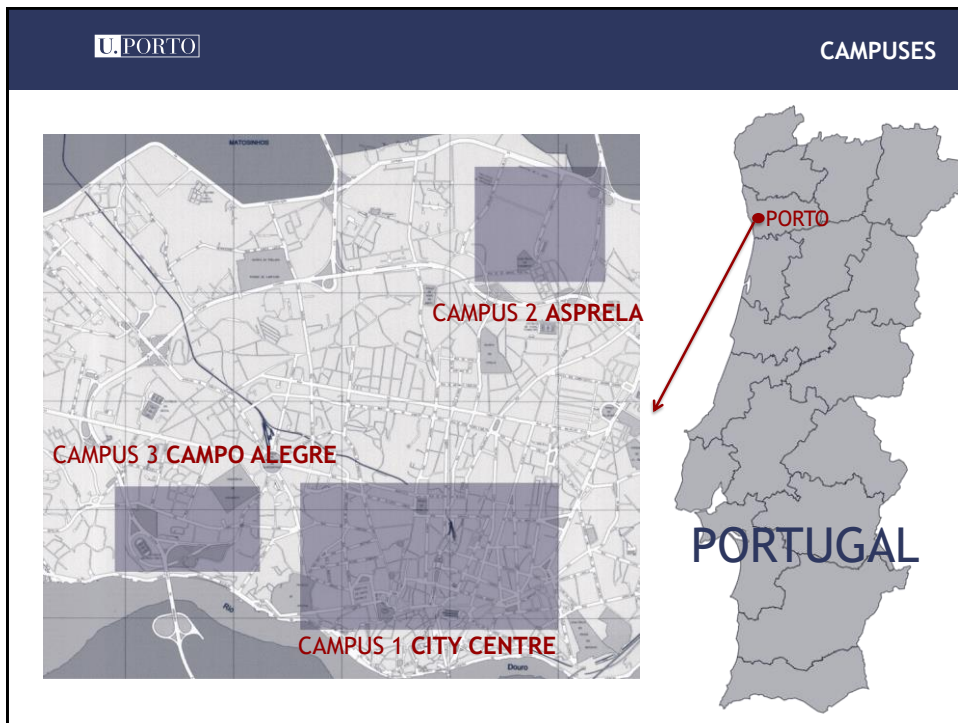
AN ANCIENT COMPREHENSIVE UNIVERSITY IN A HISTORICAL ANCIENT CITY

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 36 major companies



U.PORTO

The image displays four photographs of buildings at Campus 1 City Centre. From left to right: a historic building with arched windows and a balcony; a long, white, classical-style building; a modern, multi-story building with a glass facade; and a modern building with a wide staircase where a group of people is gathered.

CAMPUS 1 CITY CENTRE

- Faculty of **Fine Arts**
- Faculty of **Law**
- Faculty of **Pharmacy**
- Institute of **Biomedical Sciences Abel Salazar**

U.PORTO



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**

U.PORTO



CAMPUS 3 CAMPO ALEGRE

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

☞ **49 R&D Units, with more than 3000 researchers, working both**

➤ **in the Faculties**

Or

➤ **in Interface Institutes**

☞ **Main Interface Institutes**

- **CAUP - Astrophysics Centre**
- **CIBIO - Research Centre in Biodiversity and Genetic Resources**
- **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**
- **ISPUP - Institute of Public Health of the University of Porto**
- **I3S - Institute for Innovation and Health Research**
- **REQUIMTE - Chemistry and Technology Network**



U.Porto - The Academic Associate of PORTO BUSINESS SCHOOL



- Executive MBA
- The Magellan MBA (full-time)
- Postgraduate Programs
- Executive Education (open enrolment)
- Custom solutions

U.PORTO INFRASTRUCTURES


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

 
9 Halls of Residence 16 Libraries

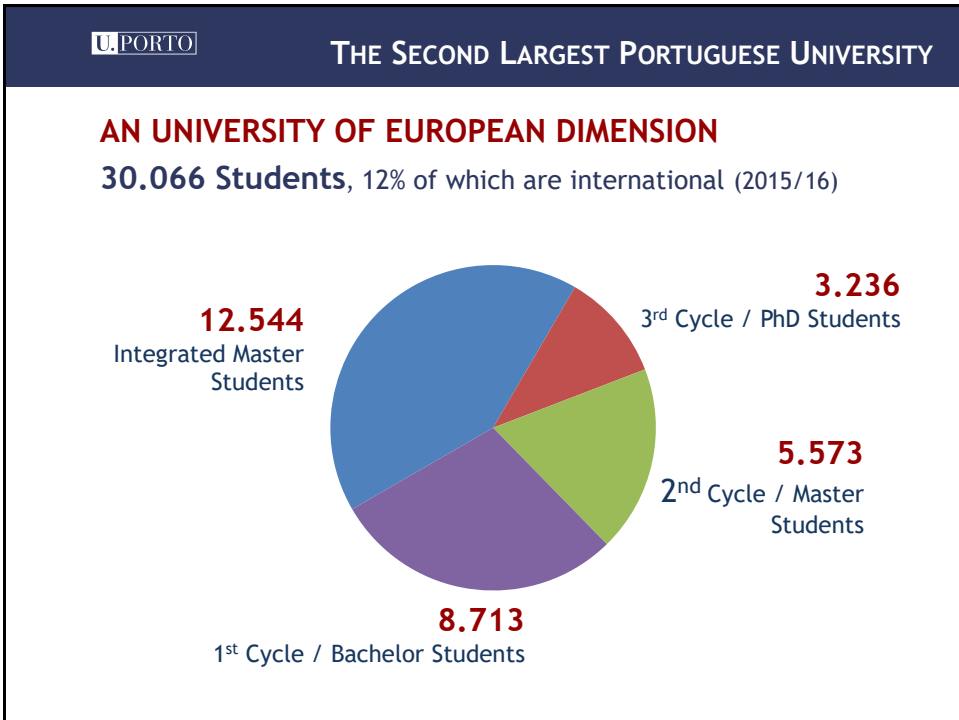
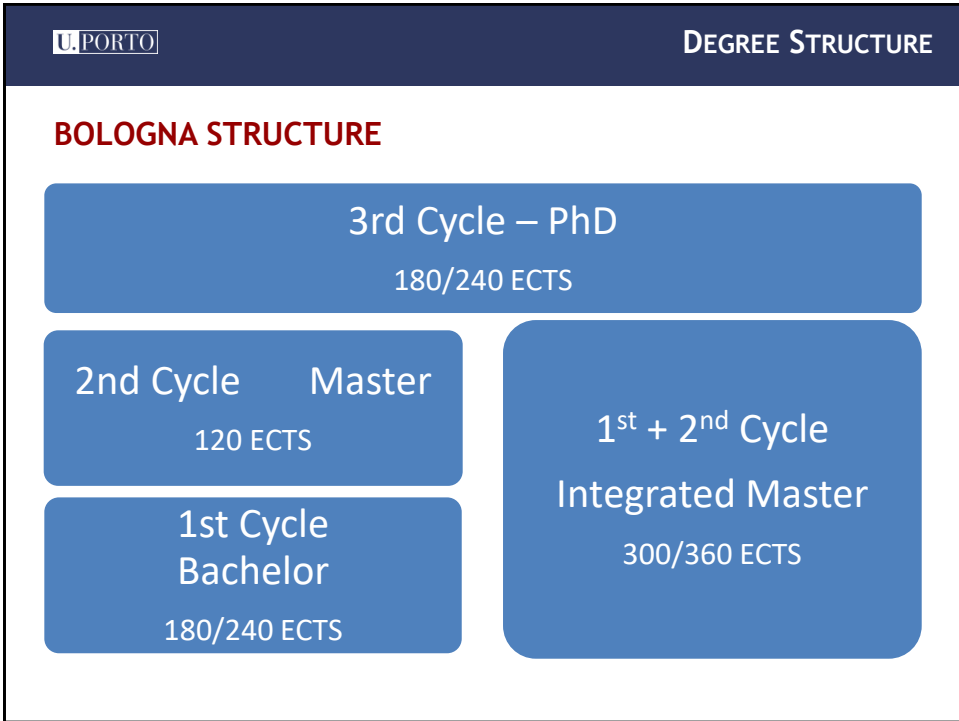

12 Museums

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



UNIVERSITY OF PORTO
EDUCATION





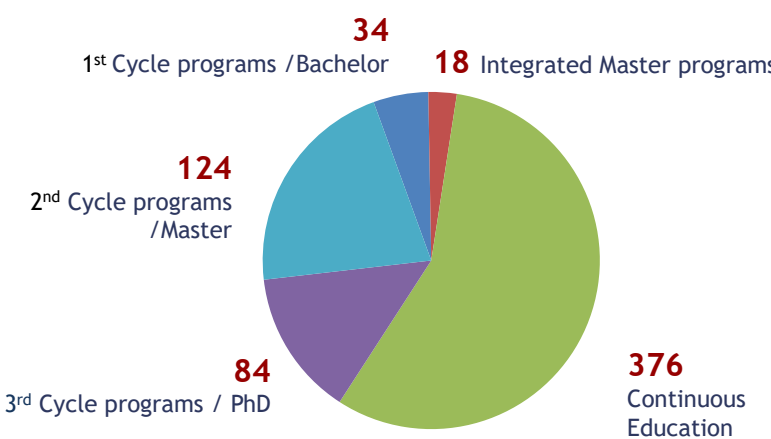
U.PORTO **STAFF AND BUDGET**



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

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

636 TRAINING PROGRAMS (2015/16)



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

U.PORTO **A VERY HIGH DEMAND**

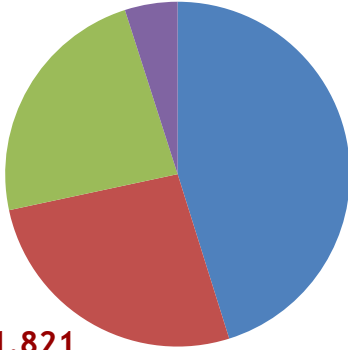


THE MOST SOUGHT-AFTER UNIVERSITY BY PORTUGUESE STUDENTS (2015/2016)

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

U.PORTO **GRADUATES**

7.719 GRADUATES, 401 International (2015/16)



Cycle	Number of Graduates
1 st Cycle / Bachelor	3.706
Integrated Master	1.821
2 nd Cycle / Master	1.742
3 rd Cycle / Phd	450



UNIVERSITY OF PORTO
R&D



U.PORTO INTERNATIONAL EVALUATION OF RESEARCH UNITS - 2014



35

R&D Units recognised by the National Foundation for Science and Technology as “Exceptional” (4), “Excellent” (10) or “Very Good” (21)

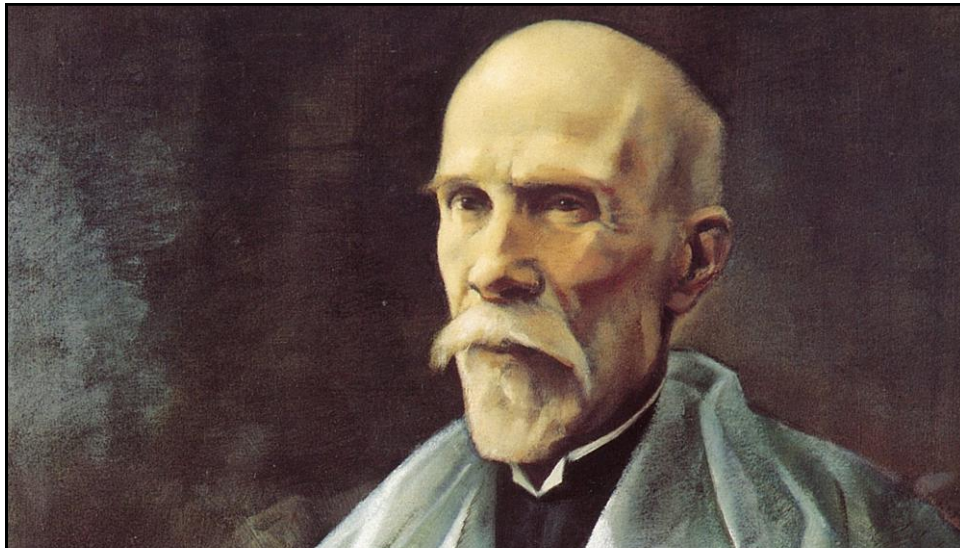


A TOP PRODUCER OF SCIENCE IN PORTUGAL

- 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

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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/>

U.PORTO



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

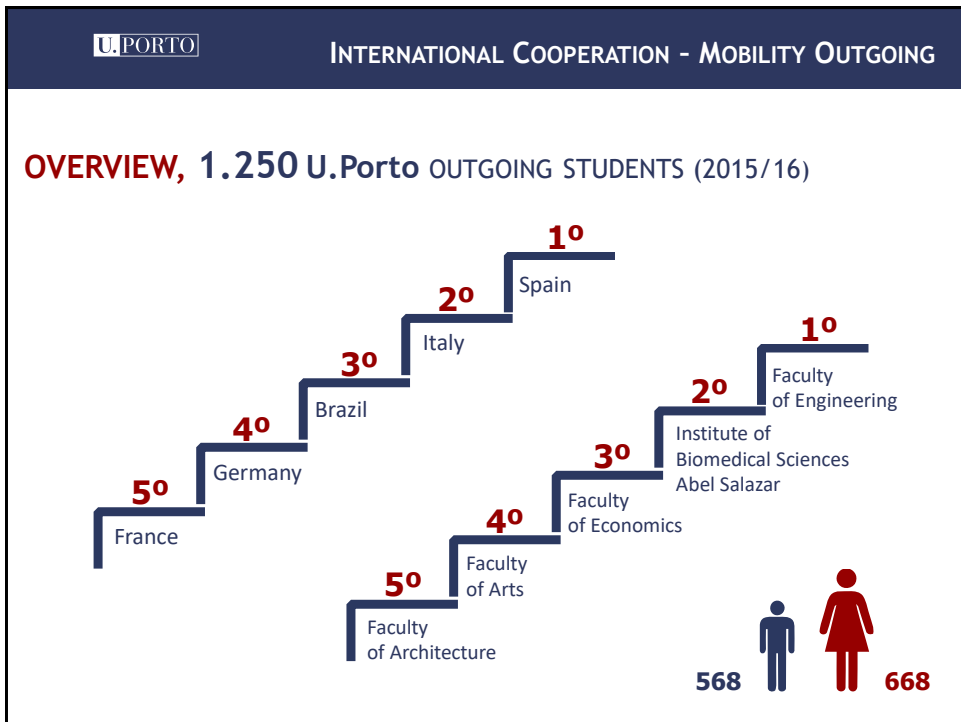
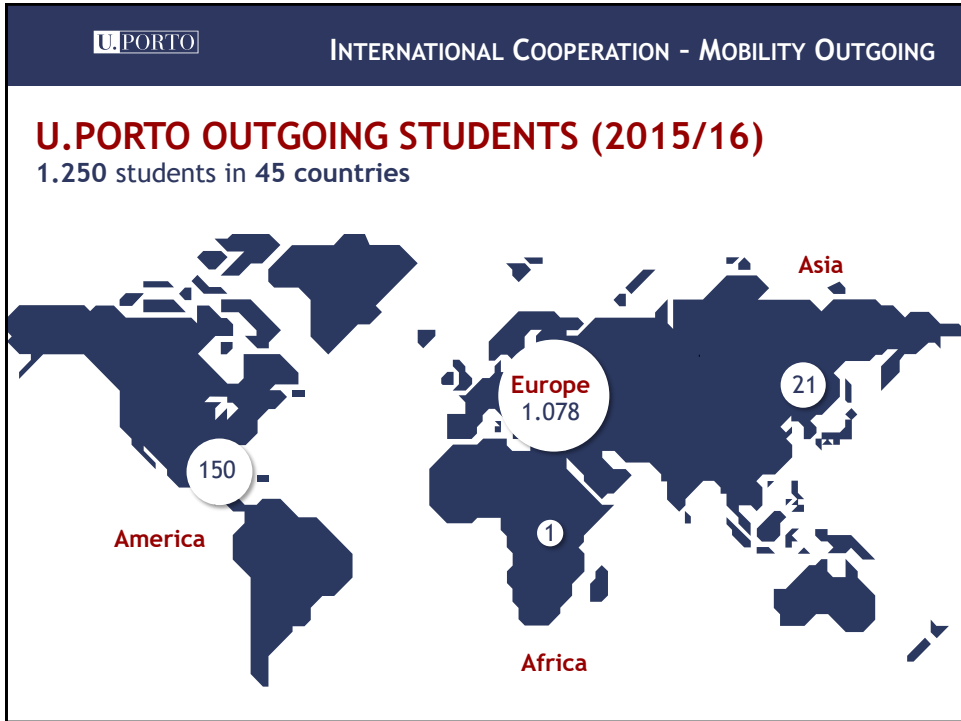
U.PORTO **ERCs - EUROPEAN RESEARCH COUNCIL GRANT HOLDERS**

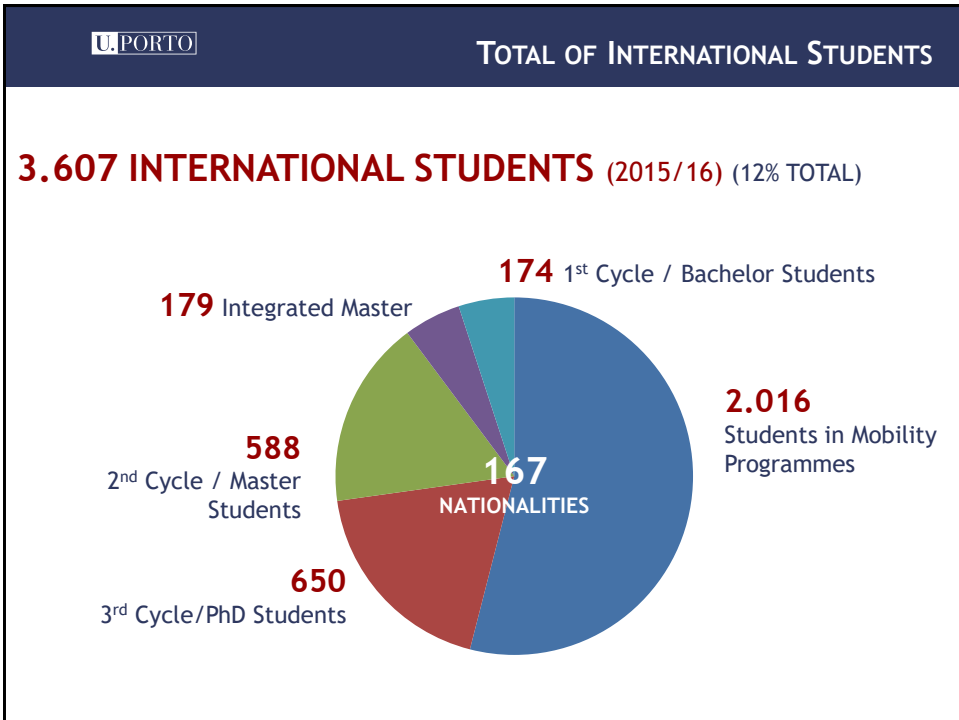
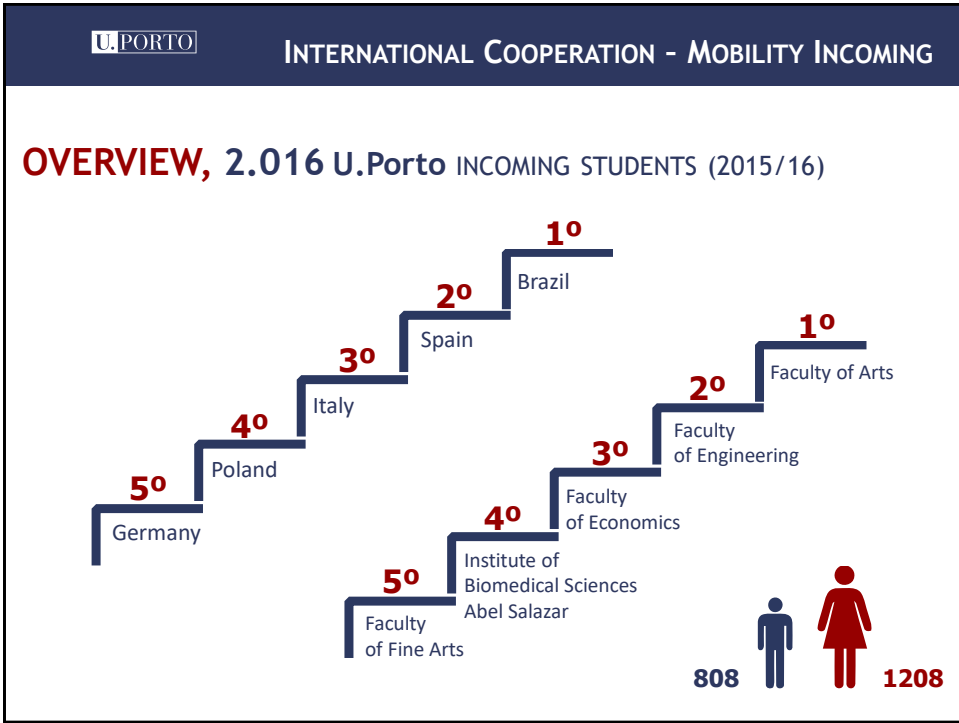
 <p>Nuno Santos CAUP Starting Grant 2009</p>	 <p>Helder Maiato IBMC - UP Starting Grant 2010</p>	 <p>Adélio Mendes FEUP Advanced Grant 2012</p>	 <p>Manuel Alves FEUP Starting Grant 2012</p>
 <p>Reto Gassmann IBMC - UP Starting Grant 2013</p>	 <p>Ana Xavier de Carvalho IBMC -UP Starting Grant 2014</p>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

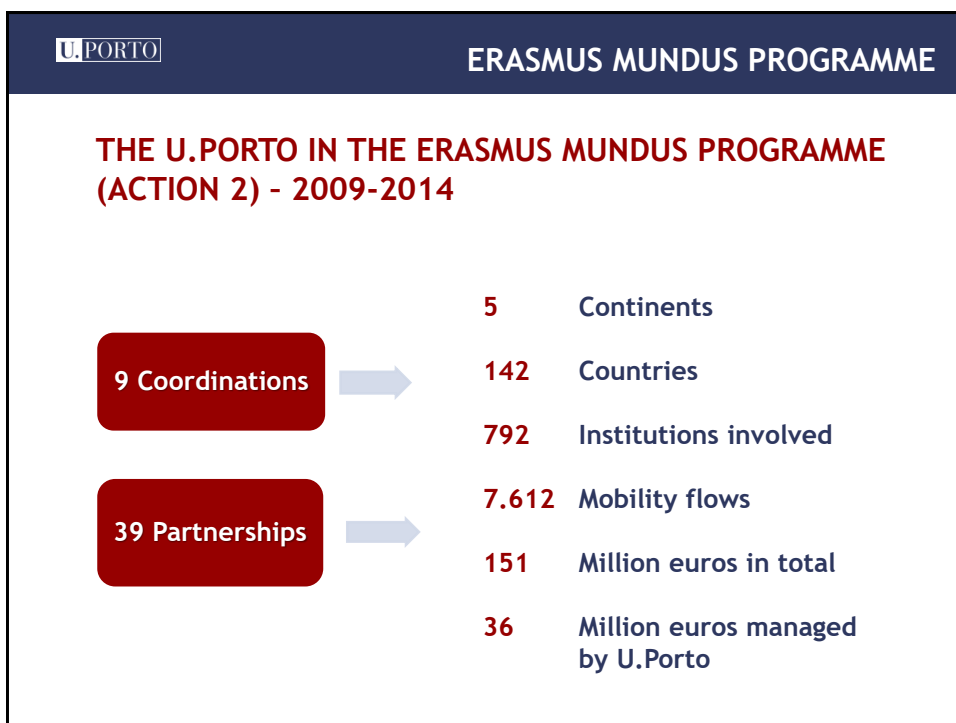
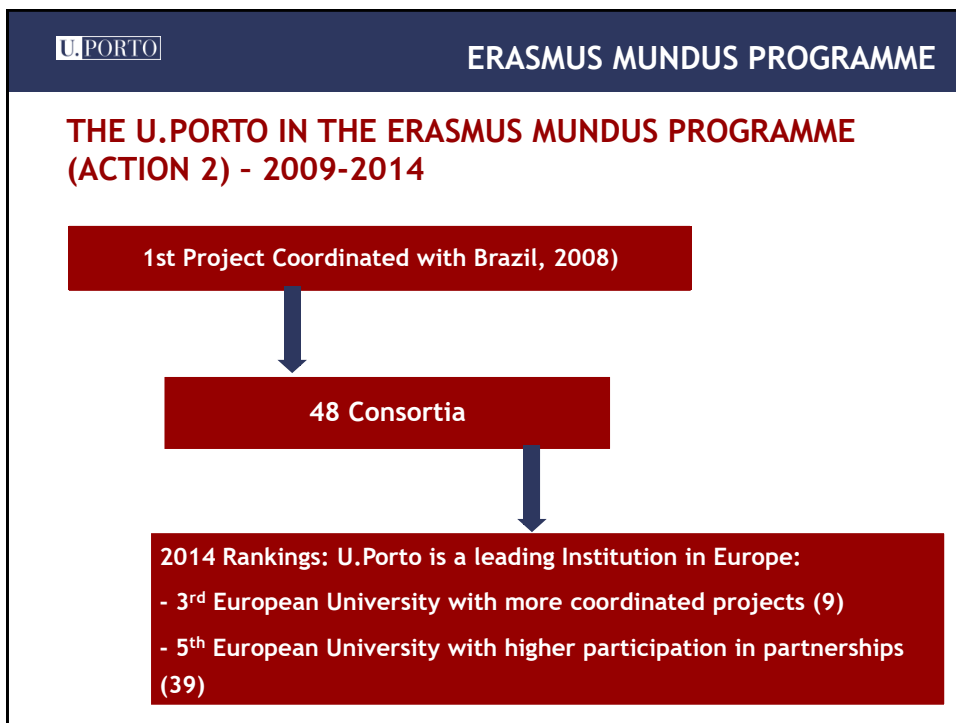


UNIVERSITY OF PORTO
INTERNATIONAL COOPERATION

U.PORTO







U.PORTO **ERASMUS+ PROGRAMME**

U.PORTO IN THE ERASMUS+ PROGRAMME 2016

<div style="background-color: #1a3d54; color: white; padding: 10px; text-align: center; margin-bottom: 10px;"> 4 Coordinations </div> <div style="background-color: #1a3d54; color: white; padding: 10px; text-align: center;"> 13 Partnerships </div>	5	Continents
	-80	Countries
	>500	Institutions Involved
	1.721	Awarded Scholarships (376 for non EU countries)
	>9	Millions of euros in Total
	-3,5	Millions of euros Managed by U.Porto

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



studyportals
taking you further



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 2016 - INNOVATION IN INTERNATIONALISATION

REWARDING EXCELLENCE
2016 EAIE AWARD WINNERS

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

CONSTANCE MELBROM AWARD FOR VISION AND LEADERSHIP
Jo Riise
Formerly President Maastricht University and Minister of Education, Culture and Science, the Netherlands

TONY ADAMS AWARD FOR EXCELLENCE IN RESEARCH
Billy Leung
La Trobe University, Australia

RESERSEN AWARD FOR BEST PRACTICE
Teri Szath
University of Hungary

PRESIDENT'S AWARD
Dileep Deshpande
University of Illinois, USA

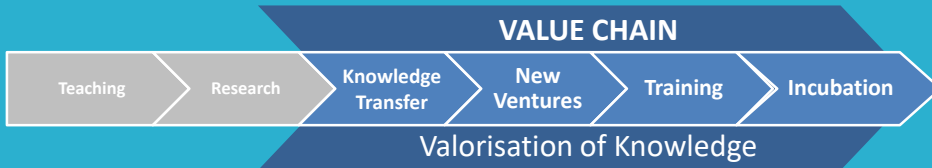
LEADERSHIP
Caran Danc
Jeddah, Turkey

RISING STAR AWARD
Caran Danc
Jeddah, Turkey

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

The Third Mission of the University



The Two Instruments for Action

The Innovation Office



The Park of Science and Technology



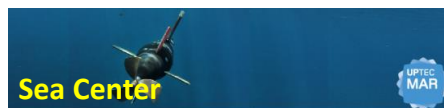
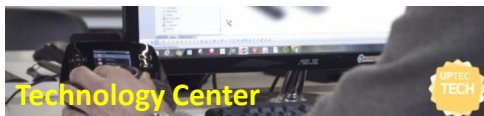


U.PORTO		UPIN (U.PORTO INNOVATION)*	
UPⁱⁿ Technologies	UPⁱⁿ Ventures	UPⁱⁿ Corporate	
IP and Technology transfer	Entrepreneurship iUP25k quiz	A2B - Academy to Business	
200 active patents	7 editions	31 sessions	
20 active licensed technologies	784 participants	968 researchers	
	7 spin-offs		
* Updated 15 march 2017			



Science and Technology Park

Science and Technology Park - UPTEC



31.400
square meters



U.PORTO **INNOVATION - KNOWLEDGE VALORIZATION**



Business Projects (31 Dec 2016)

193 Projects

- 32** **Em Pre-incubation**
- 102** **Start-ups**
- 22** **Anchor Companies**
- 37** **Innovation Centres**

Plus

- 51** **Graduate Companies in the market**


All, responsible for / involving

2300+ **Highly qualified jobs**

U.PORTO **UPTEC (UPORTO TECHNOLOGY)**

UPTEC
SCIENCE AND TECHNOLOGY PARK

- 31,400** m²
- 76 M€** impact in the Portuguese GDP
- 16 M€** annual tax revenue
- 120+** export destination countries



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

U.PORTO **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.

U.PORTO **BIN@ - BUSINESS & INNOVATION NETWORK**



CONNECT | SHARE | GROW
businessandinnovation.net
+1730 International Delegates



*Open innovation
Added value
Real impact*

U.PORTO **BIN@PORTO 2015**



***“When I think about Porto,
I think about Innovation...”***

Violeta Bulc, EU Commissioner for Transport, addressing the public at BIN@Porto, 2/11/2015

U.P. PORTO PORTO **COMMITMENT TO SOCIETY**



<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

U.PORTO COMMITMENT TO SOCIETY - PROMOTING EMPLOYABILITY

FINDE.U 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

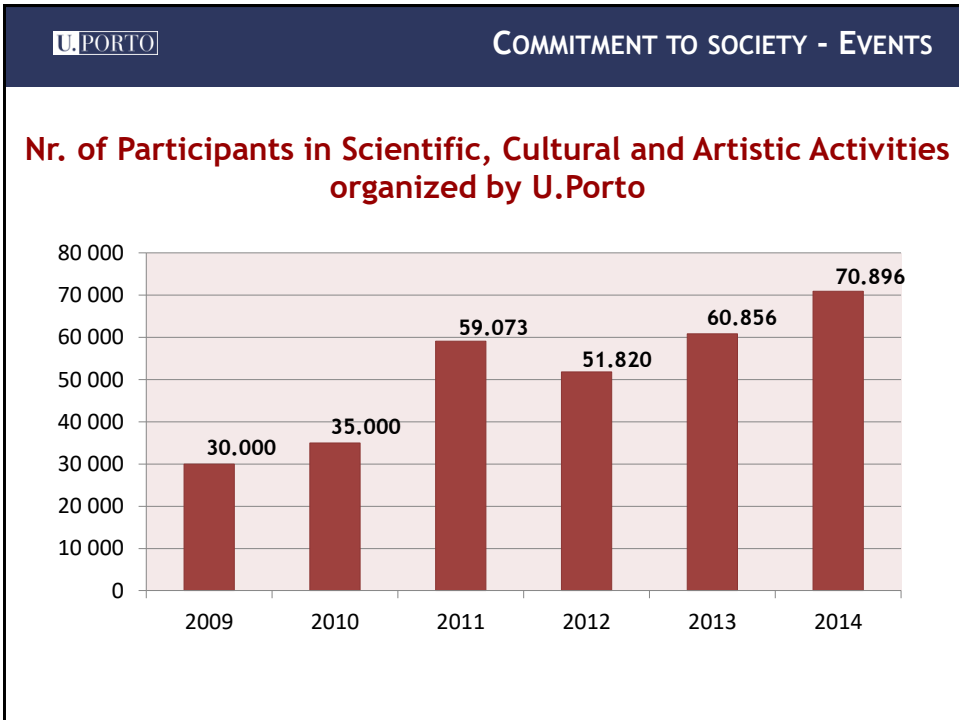
- 80+ Business Companies
- Cooperation with 30 Municipalities
- 3000+ participants

2 International JOB Fairs

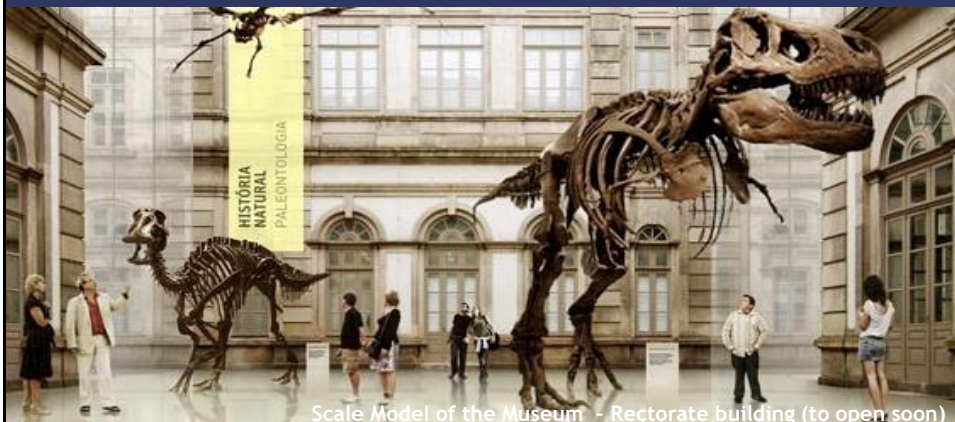
- 2 - 3 November, 2016, Porto
- 7 - 8 November, 2016, Vigo, Spain

2nd Virtual JOB Fair - 21-24 March 2017*

** In cooperation with EURES Network*





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



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



UNIVERSITY OF PORTO
SPORTS



U.PORTO 2014 World University Beach Volleyball Championship



Organizing International Events

U.PORTO

U.PORTO OFFICIAL AWARD CEREMONY, GWANGJU (SOUTH KOREA) 2015



BEST WUC 2014 AWARD

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



SPORTS - WOMAN FOOTBALL TEAM - EUROPEAN CHAMPIONS



**WOMAN FOOTBALL TEAM
EUROPEAN FOOTBALL 7-A-SIDE CHAMPION (2015)**



UNIVERSITY OF PORTO
RANKINGS



U.PORTO		GLOBAL 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	

QS Ranking		NTU Ranking		ARWU Ranking	
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

US News Ranking		URAP Ranking	
Scope	2015	Scope	2015
Portugal	2	Portugal	1
Europe	21	Europe	16
Ibero-America	3	Ibero-America	2
World	88	World	78

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

U.PORTO

UNIVERSITY OF PORTO IN A HISTORICAL CITY



PORTO

- A historical City, with a wide range of cultural sites, equipment and events
- City Centre - UNESCO world heritage site
- A safe and affordable City with excellent accesses

U.PORTO

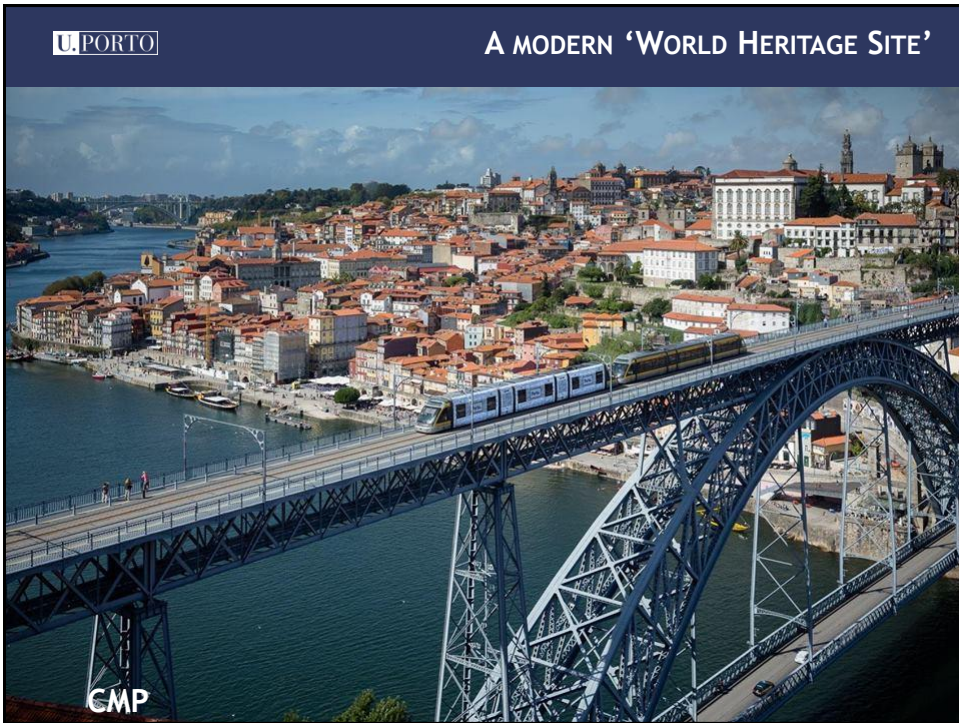
PORTO, EUROPEAN BEST DESTINATION 2017

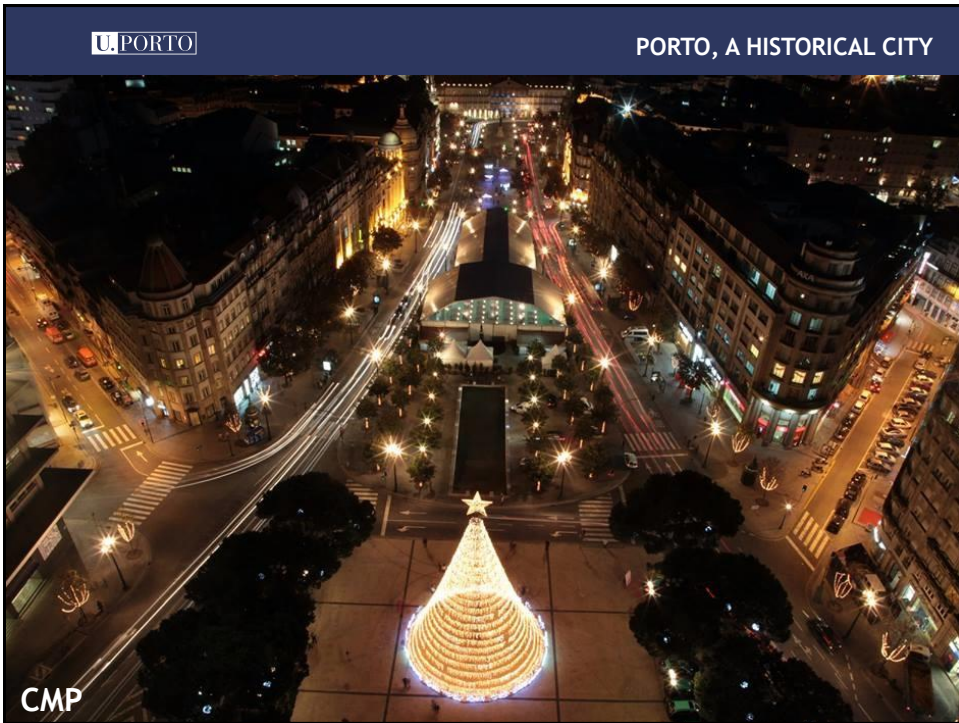


EUROPEAN BEST DESTINATION 2017

- Porto was elect on 10th February European Best Destination 2017
- Worldwide travellers from 174 countries voted Porto in the first place for European Best Destination 2017.
- Porto is exceptional in more ways than one and the "Cidade Invicta" (unvanquished city) is history, is architecture, culture, gastronomy, trade, encounters and discoveries.







U.PORTO

CONTEMPORARY ART SERRALVES MUSEUM, ARCH. ÁLVARO SIZA, 2005




U.PORTO

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



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

U. PORTO **F. C. PORTO - A WORLD CLASS TEAM**



- 2 European Champions League Cups
- 2 Intercontinental Cups
- 1 European SuperCup
- 1 European League Cup

U. PORTO

City of Innovation
A Connected University



A major instrument for the social and economical development of Portugal

U. PORTO

Many Thanks for your Attention
Let us work in Porto!

