

UNIVERSIDADE DO PORTO PORTUGAL

Innovation in a Research-Driven University

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U. PORTO

MESSAGE TO EUNIS, ABOUT U.PORTO - I

- 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

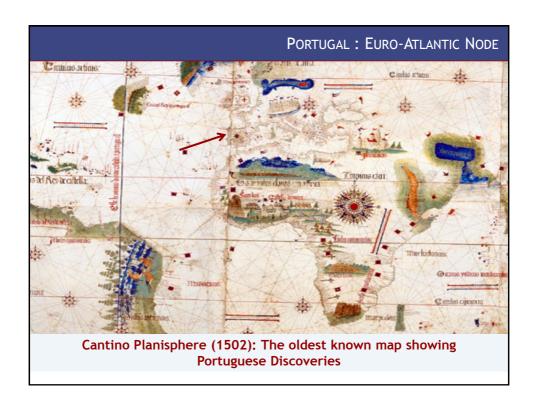
MESSAGE TO EUNIS, ABOUT U.PORTO - II

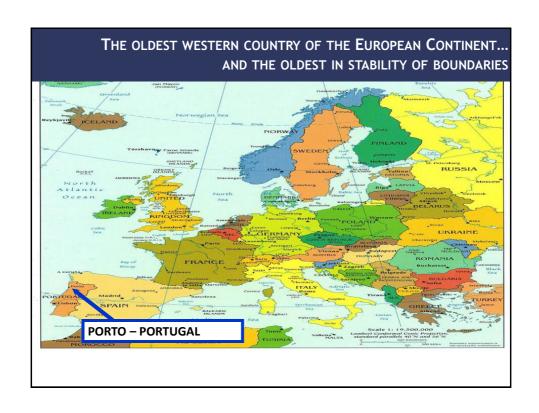
But Equally,

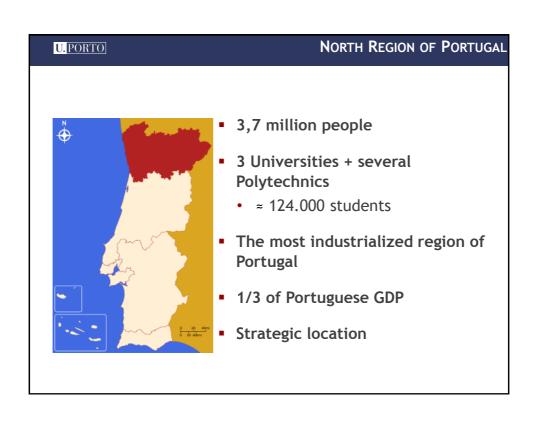
- An University fully committed to Society in Social Dimension and Social Responsibility
- An University fully committed to promoting Culture and Sports

In All,

 An University consistently ranked between the 50-150 best universities in Europe, globally and in field specific evaluations









NORTH REGION OF PORTUGAL

Competitive Infrastructures



Airport Francisco Sá Carneiro | Porto

- Excellent facilities
- ≈ 6 million passengers / year
- ≈ 80 destinations

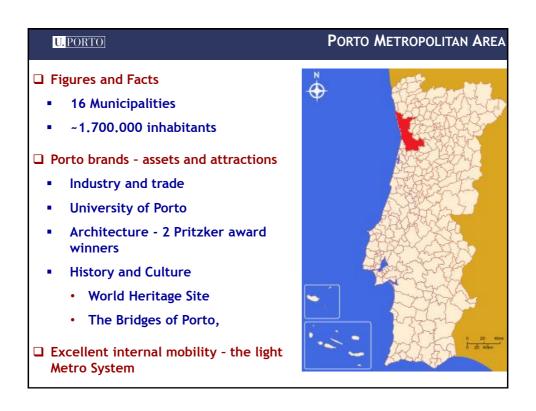
Port of Leixões

- ≈ 15 million tons/year
- 25% of external Portuguese trade
- New cruise terminal

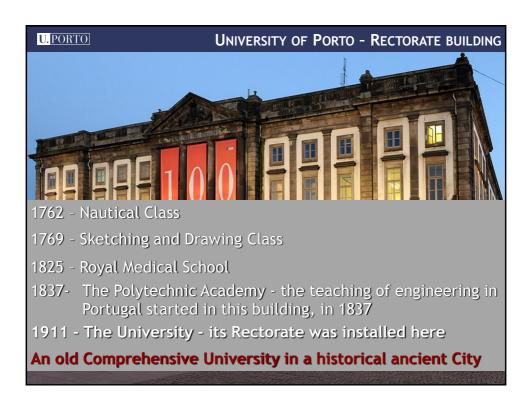
A dense network of motorways, covering all the territory

Porto: The Capital of the North Region of Portugal

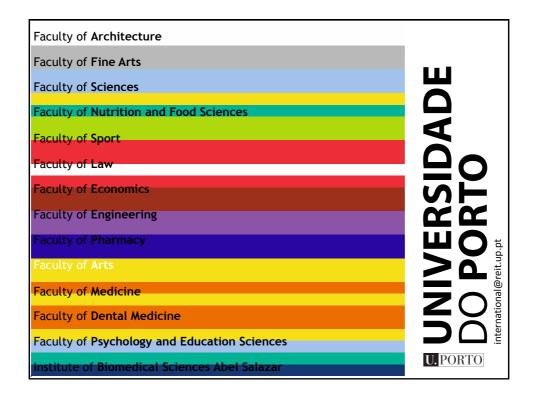












MAIN INTERFACE INSTITUTES



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

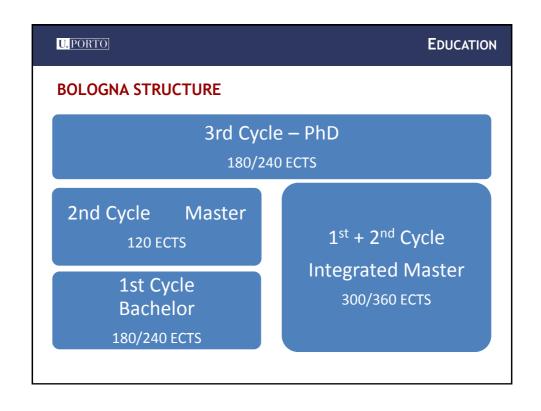
INESC-TEC - Institute of Information Technologies, Telecommunications and Electronics

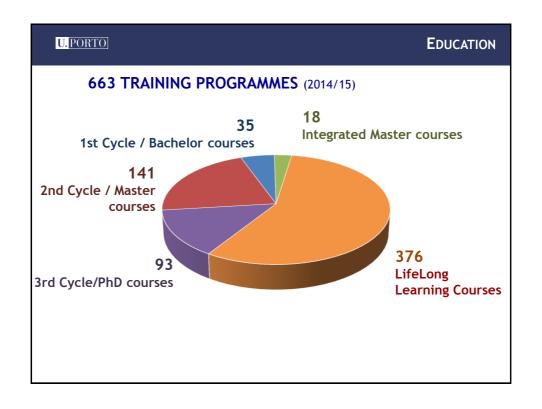
13S - Institute for Innovation and Health Research

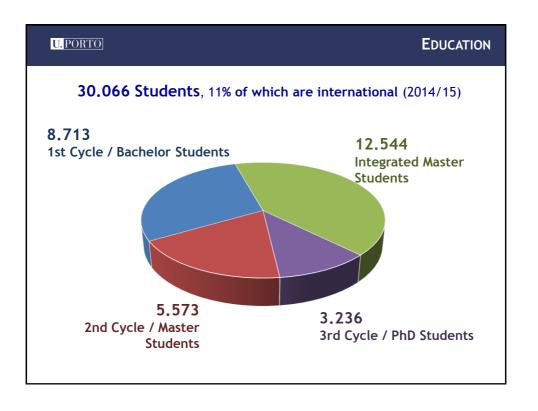
REQUIMTE - Chemistry and Technology Network

THE SECOND LARGEST PORTUGUESE UNIVERSITY 30.066 Students (2014/2015) 2.291 Teaching staff and researchers (Dec. 31st 2015) 1.750 Full Time Equivalent 87% Teaching staff and researchers (FTE) with PhD 1.563 Technical and Administrative staff 270 M€ Annual consolidated budget









EDUCATION



The most sought-after University by Portuguese students (2015/2016)

✓ Just about 2 applicants in 1st choice for each of the 4160 vacancies for 1st cycle and integrated master programmes

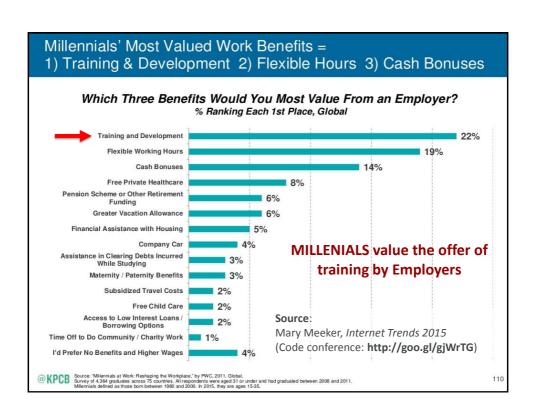
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EDUCATION - THE FUTURE, TODAY

- Buzzwords
 - > Student Centred;
 - > Fundamentals should represent the core; But...
 - Development of attitude, skills and competences valued by Society - Innovation and entrepreneurship;
 - > Job related skills Teamwork, Communication, Leadership;
 - > Blended learning; flexible paths
- The IT evolution, the political changes of 1989, the increase of expectancy of life
 - > The 4th Revolution Industrial, Economical, Social, Global

EDUCATION - THE FUTURE, TODAY

- * The IT revolution in Higher Education Education without boundaries and without walls
 - Tools for collaborative learning and study
 - MOOCS Massive Open Online Courses Coursera, edX, MIRIADA X...
 - ✓ Indeed instruments and platforms for education without boundaries a political issue and a business
- Some Teaching Staff have no digital competency... and 'no time' to revisit methods and prepare new dossiers
 - Significant investment required in pedagogical support to Teaching Staff
 - U.Porto has in place a set of initiatives for discussing and promoting new methods of teaching and learning







UPORTO INTERNATIONAL EVALUATION OF RESEARCH UNITS - 2014



35 R&D Units recognised by the National Foundation for Science and Technology as "Exceptional" (4), "Excellent" (8) or "Very Good" (23)

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RESEARCH - SCIENTIFIC PRODUCTION



A top producer of Science in Portugal

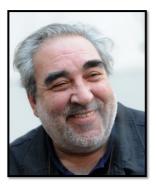
- 15 746 Papers indexed in the ISI Web of Science (2009-2013)
- 23,1% of the papers produced in Portugal
- 12% Average annual growth rate since 2009

RESEARCH - GOOD PROSPECTS FOR 2016

- 460 New R&D funding agreements (between 2013-2015)
- 613 R&D projects in progress
- Target for funding through Horizon2020 and Portugal2020 in 2016 - 100 M€... on its way



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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PEOPLE



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/

PEOPLE



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

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ERCs - European Research Council grant holders



Nuno Santos CAUP Starting Grant 2009

Reto Gassmann

Starting Grant

IBMC - UP

2013





Ana Xavier de Carvalho IBMC -UP Starting Grant 2014



Adélio Mendes FEUP Advanced Grant 2012



Nuno Alves IBMC -UP Starting Grant 2014



Manuel Alves FEUP Starting Grant



José Bessa i3S - UP Starting Grant 2015

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

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



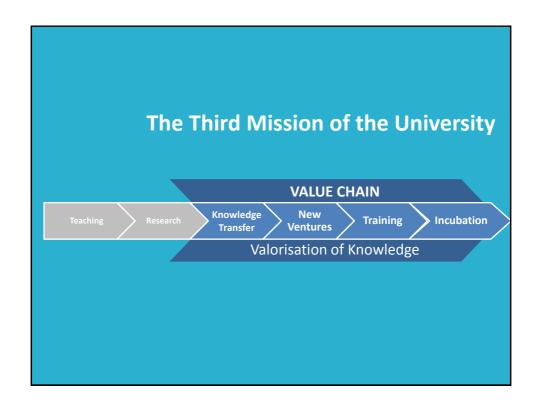
Our Strategy

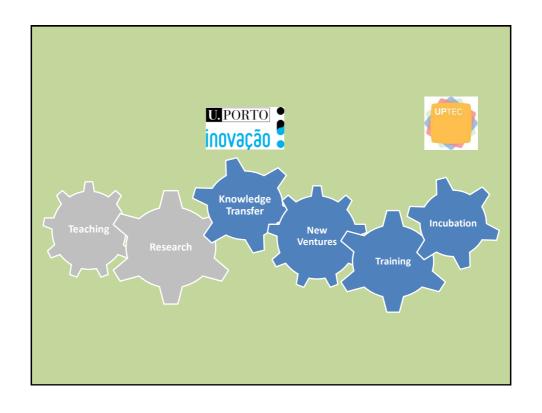


supporting an effective knowledge and technology transfer between academia and the market;

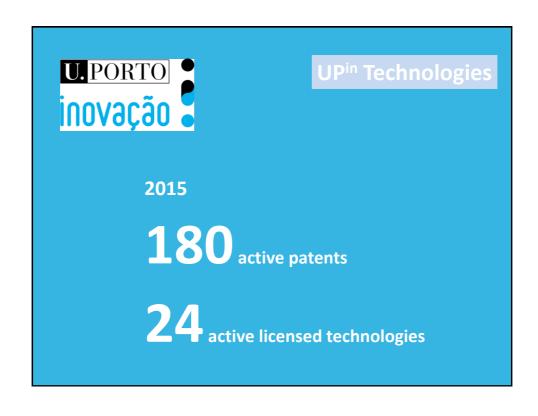


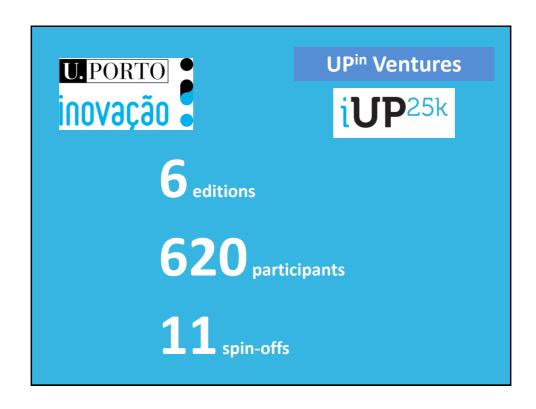


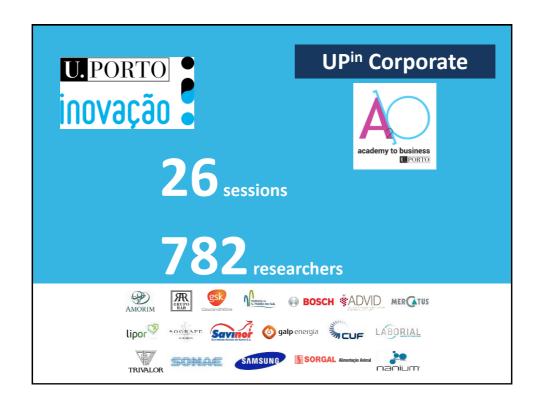








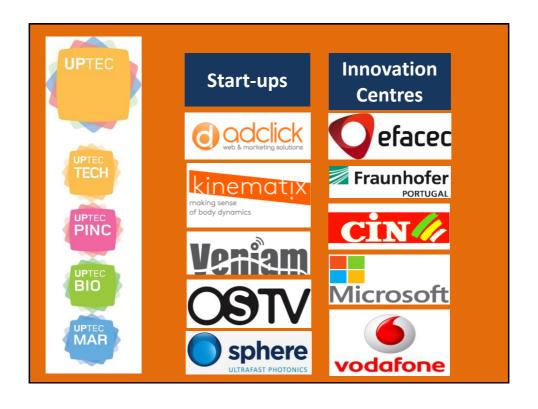
















BIN@ - Business & Innovation Network



CONNECT | SHARE | GROW businessandinnovation.net

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

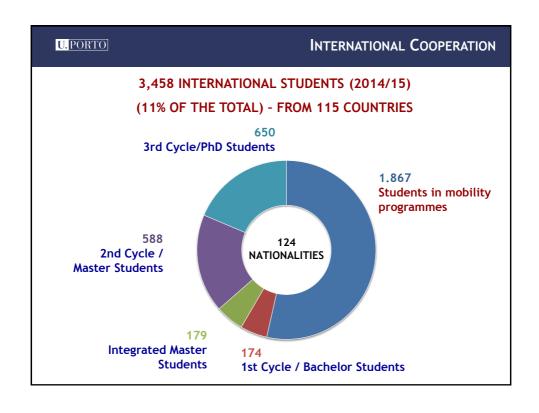
BIN@ is an international network of engaged academic and industry partners, supporting the creation of a sustainable forum for sharing good practice and opportunities in Innovation.

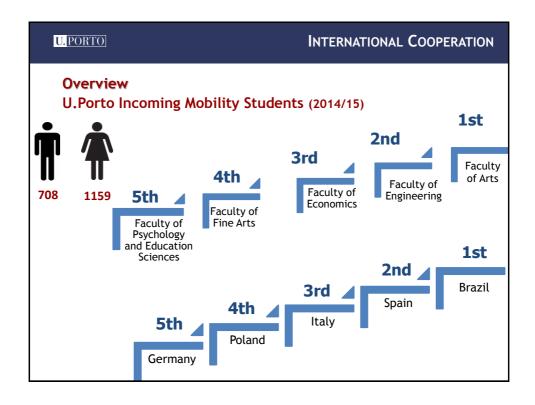


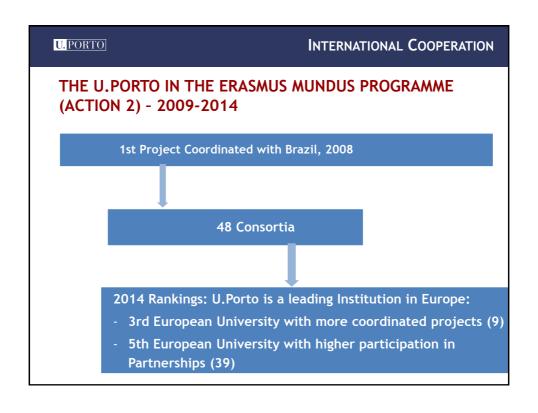






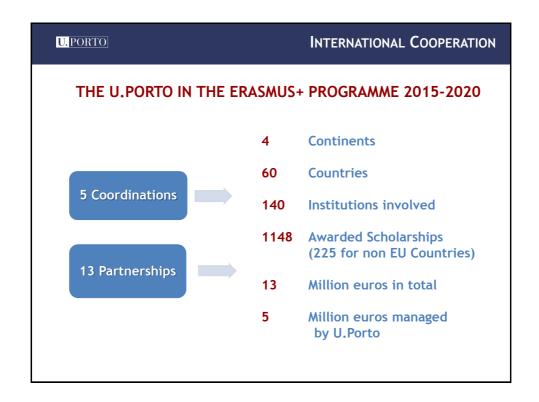












INTERNATIONAL COOPERATION - THE FUTURE, TODAY

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.





COMMITMENT TO SOCIETY



Junior University 2015 - June - July

5833 Students in U.Porto Jr *1203 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

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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 *

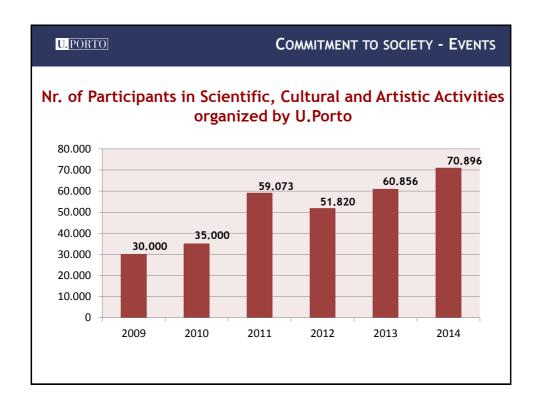
2 International JOB Fairs

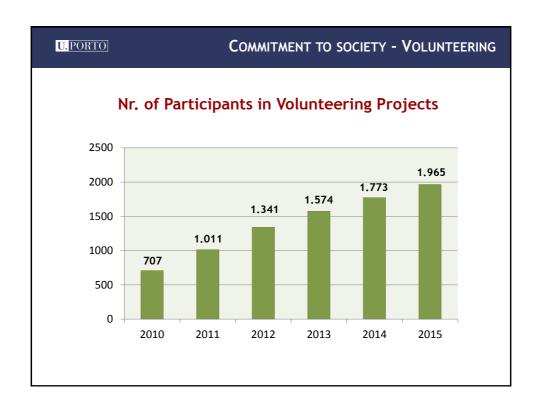
2 - 3 November, 2016, Porto

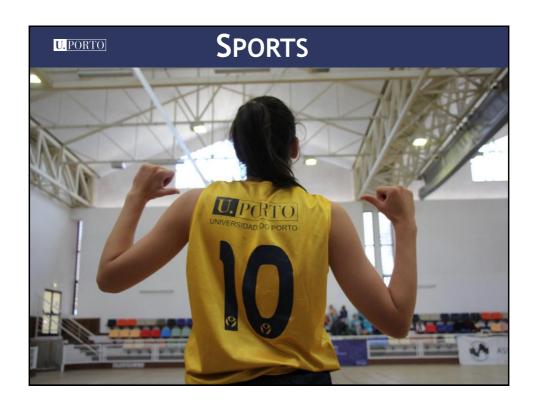
7 - 8 November, 2016, Vigo, Spain

* In cooperation with EURES Network









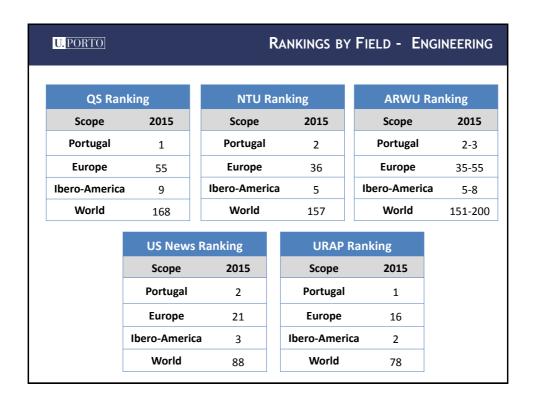








J <mark>. PORTO</mark>		Rankings - Univer		
QS World University Rankings 2015/2016		ARWU (Shanghai Jiao Tong University) 2015		
Portugal	1	Portugal	2	
Europe	138	Europe	123-158	
lbero-America	17	lbero-America	10-16	
World	308	World	301-400	
SCImago Institutions Ranking 2015		Webometrics 2015		
Portugal	2	Portugal	1	
Europe	55	Europe	38	
lbero-America	8	lbero-America	5	
World	169	World	137	



TO RANKINGS - ENGINEERING BY SUI						
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, with a wide range of cultural sites, equipment and events
- City Centre UNESCO world heritage site











