

Innovation in a Research Driven University



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Brussels
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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

EUROPE



FAVOURABLE MARKETS IN THE WORLD



Northwest of Iberia

- 9 Million

Portugal

- 10 Million

Iberia

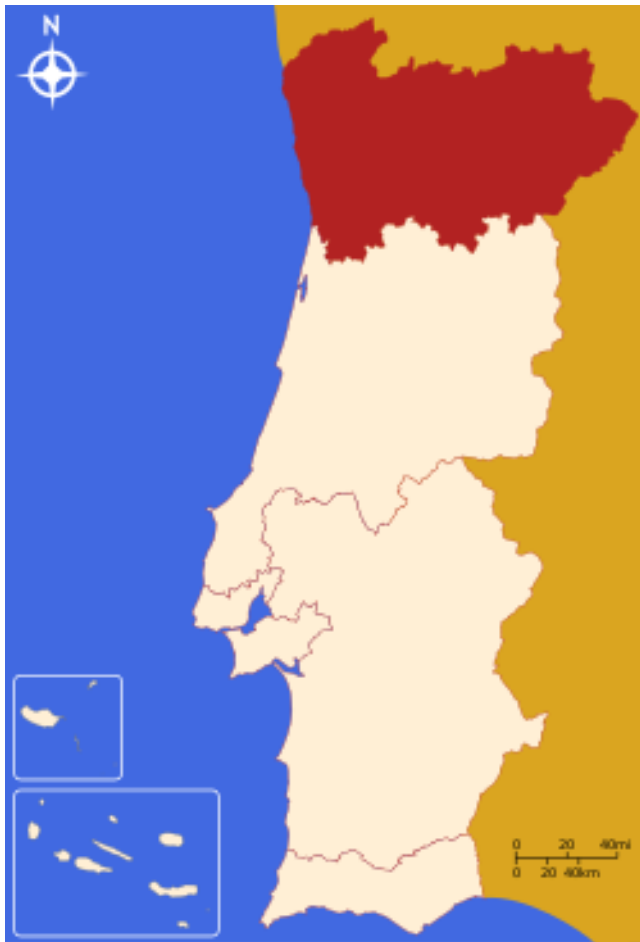
- 50 Million

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
- $\approx 10,7$ 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

- $\approx 19,5$ million tons (2017)
- + 25% of external Portuguese trade
- New cruise terminal

A dense network of motorways, covering all the territory

QUALIFIED HUMAN RESOURCES



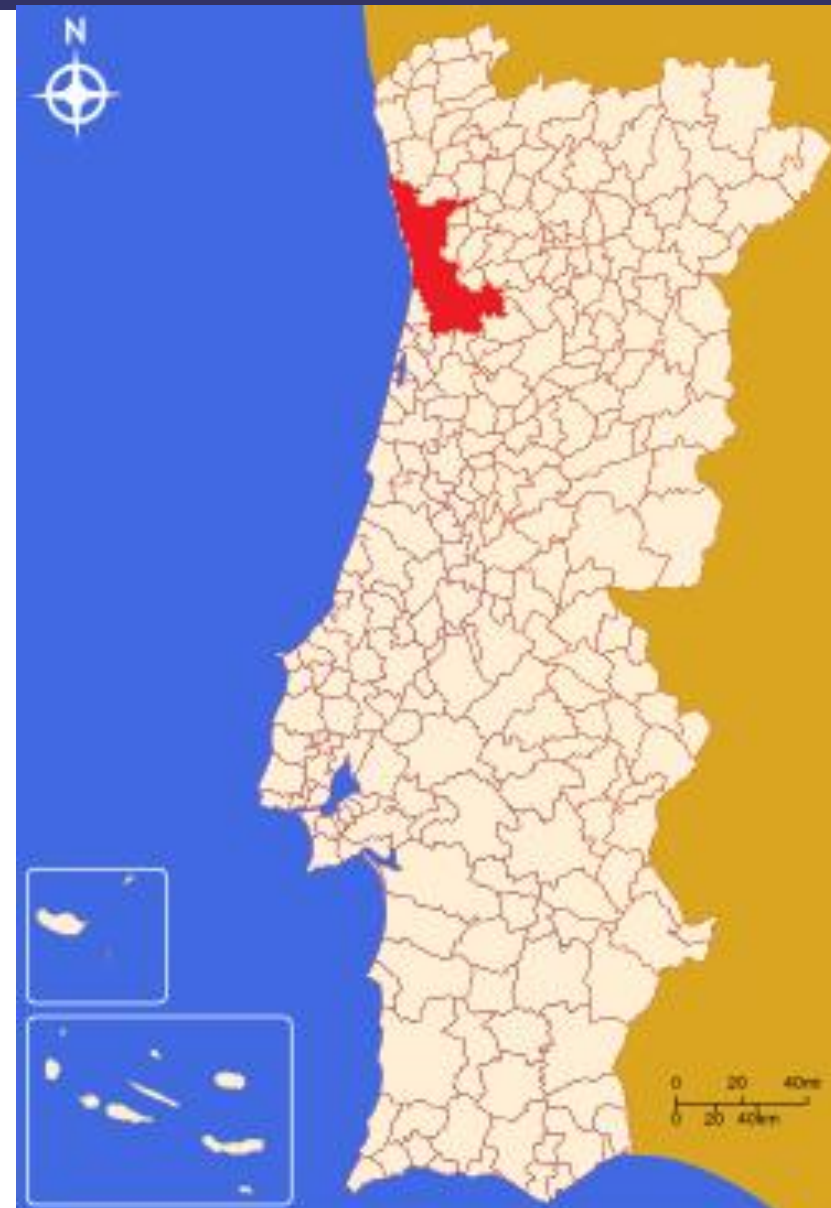
Multilingual Population

- \approx 42% speak 2nd language

University + Polytechnics

- \approx 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**







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- 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

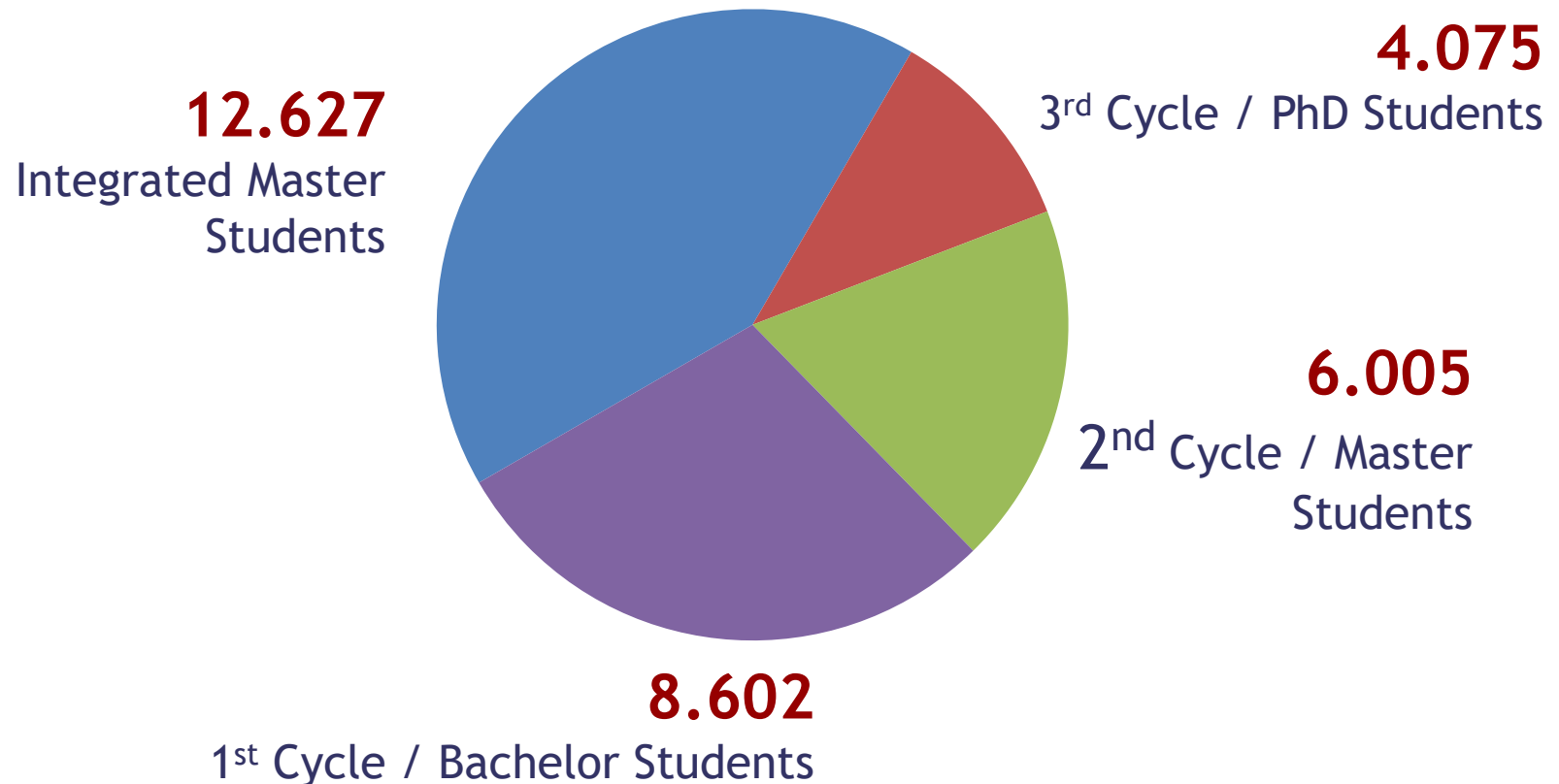


U.PORTO - THE ACADEMIC ASSOCIATE OF A BUSINESS SCHOOL

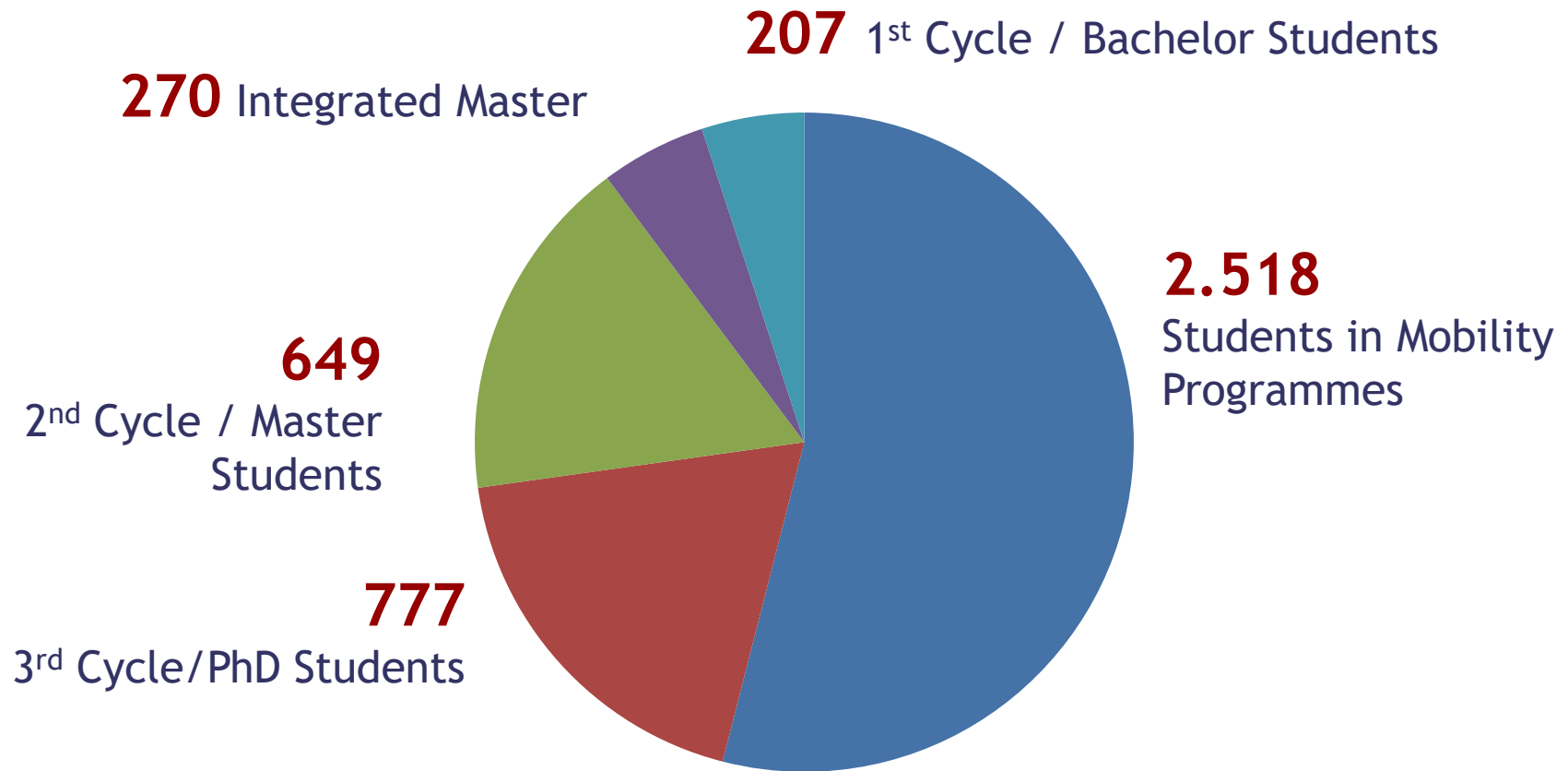
THE PORTO BUSINESS SCHOOL

A UNIVERSITY OF EUROPEAN DIMENSION

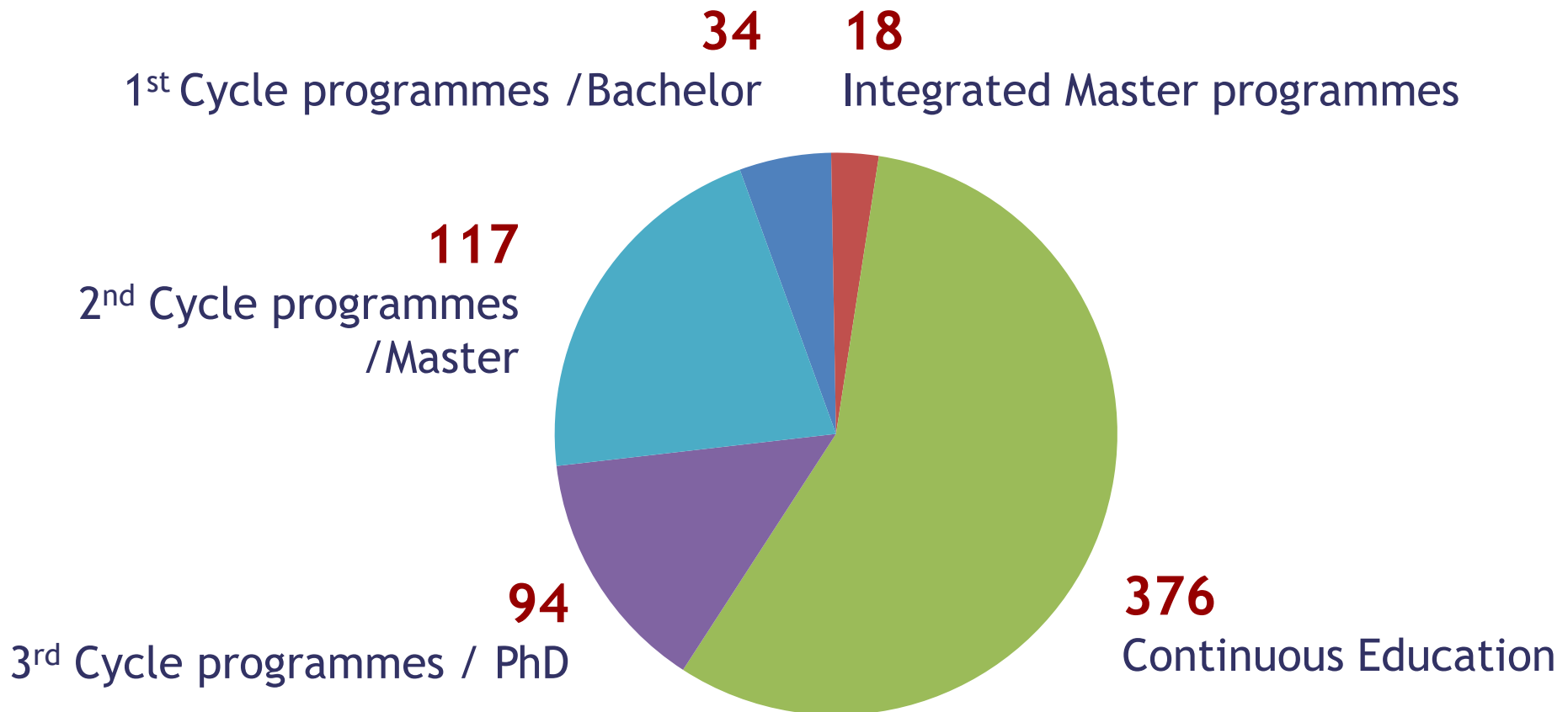
32.236 Students, 14% of which are international (2016/17)



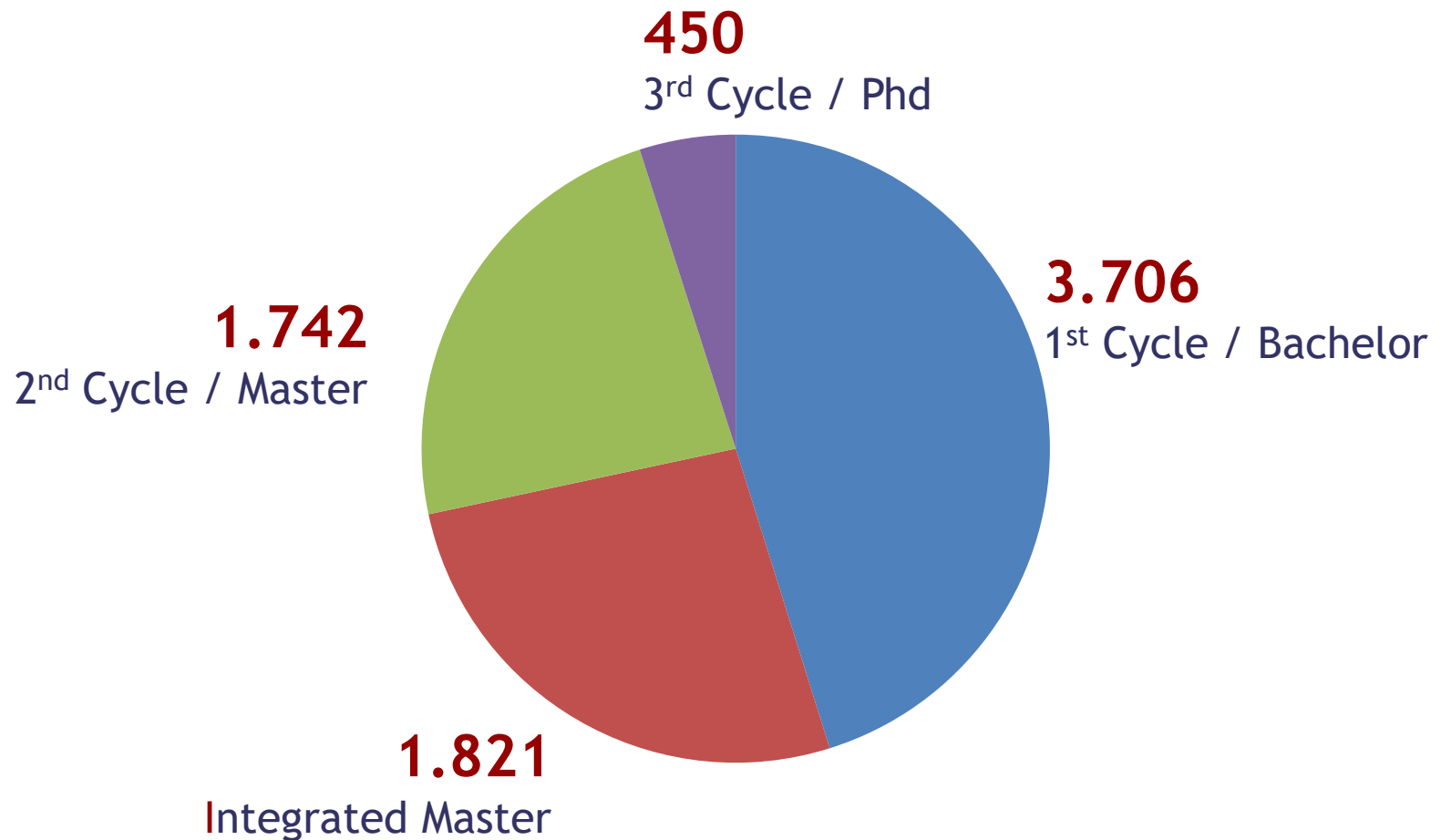
4.421 INTERNATIONAL STUDENTS (2016/17) (14% TOTAL)



639 TRAINING PROGRAMMES (2016/17)



7.719 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

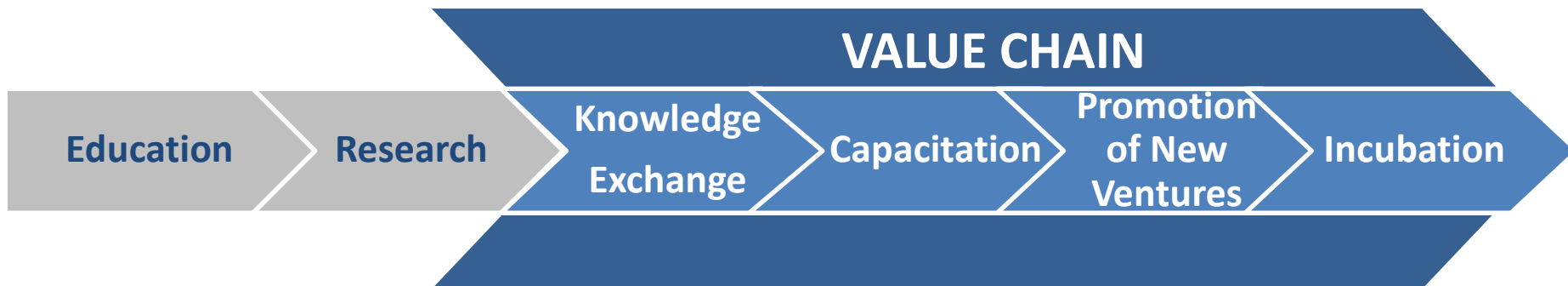
To create value based on knowledge

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”



2012



Portugal
Ventures -
Distinguished
as “Partner of
the Year”

2014

2007



COTEC - Award “Promotion
of Entrepreneurship”

2013



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



Science and Technology Park

Science and Technology Park - UPTEC



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**



Start-ups



Innovation Centres



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



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.

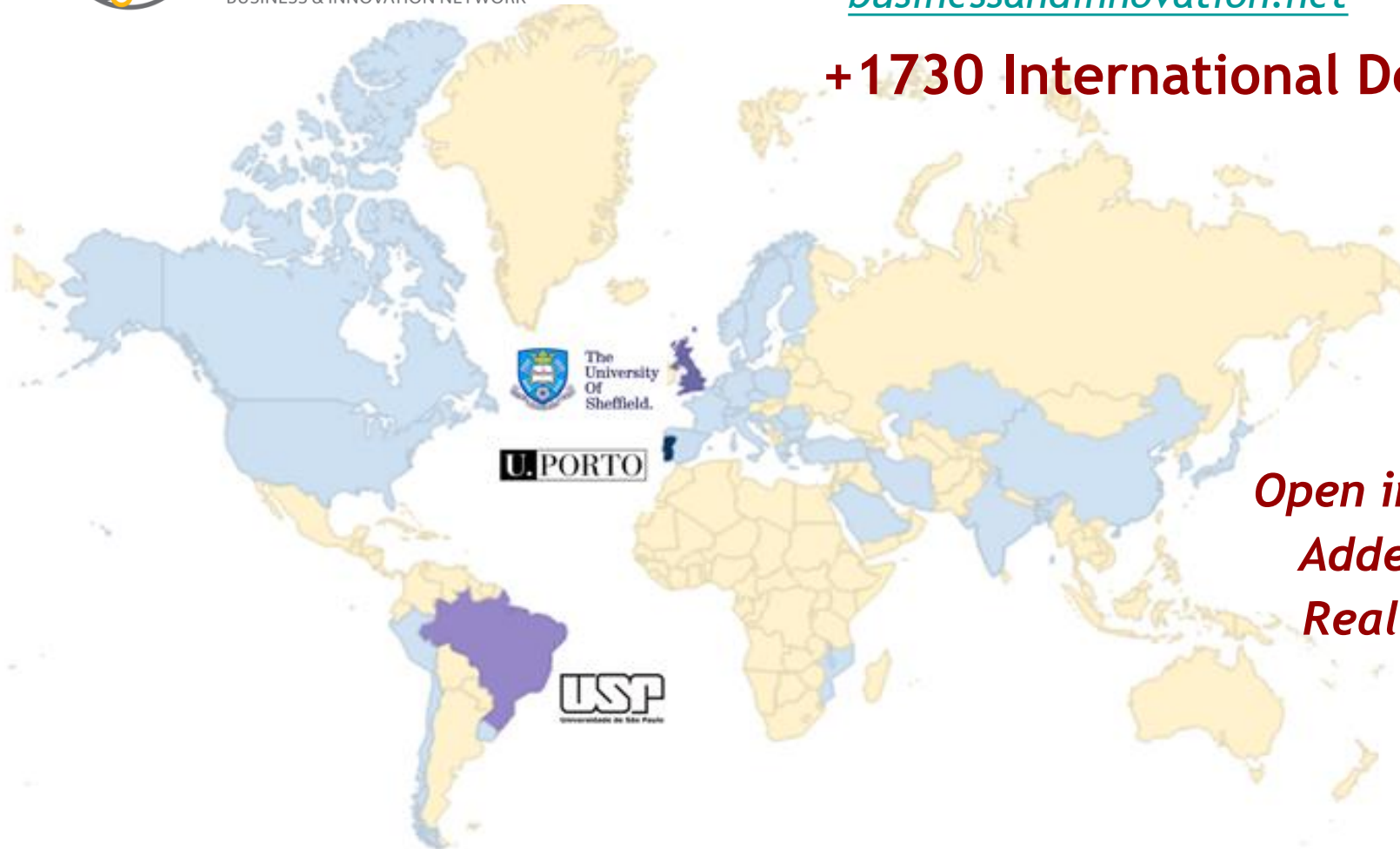


BIN@TM
BUSINESS & INNOVATION NETWORK

CONNECT | SHARE | GROW

businessandinnovation.net

+1730 International Delegates



*Open innovation
Added value
Real impact*



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

6 COORDINATIONS

19 PARTNERSHIPS

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 VERY ATTRACTIVE DESTINATION



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