

2019

U.PORTO

inovação



The mission of U.Porto Innovation is to translate the knowledge developed at the University of Porto into innovative products, services and business models with the potential to benefit society. This brochure sums up the main achievements of U.Porto Innovation in 2018.

Following our efforts to develop effective business models for the U.Porto technologies, we have promoted “BIP Proof” in collaboration with Fundação Amadeus Dias, a pioneer initiative designed to provide seed funding to develop promising early-stage research. The U.Porto Spin-off Circle has reached the target of 76 members and we were very pleased to welcome Porto Business School as one of its anchor sponsors alongside Santander Universidades. Both these achievements lend credibility and resilience to the initiative. As part of a joint endeavour, we supported the launching of the Entrepreneurship Observatory to study and discuss the evolution of our entrepreneurial ecosystem.

To help align our strategy with the market needs, we have created the Innovation Advisory Board – engaging 15 members with extensive experience in the fields of innovation and entrepreneurship, from industry, academia, and key public institutions.

Lastly, and perhaps most fundamentally, it is worth mentioning the 2.4M€ of competitive funding raised to support innovation initiatives, as well as the U.Porto’s patent portfolio. It is a real honour for U.Porto Innovation to keep innovation as one of the core pillars of the University of Porto, promoting its knowledge, competences and, especially, its highly talented community.

Maria Oliveira,

Head of Office U.Porto Innovation

U. Porto Innovation plays a key role in ensuring that the results from innovation and entrepreneurship efforts of the University of Porto community are successfully transferred to the private sector.

Innovation and entrepreneurship have long been recognized as key determinants for economic development and growth. Consequently, the University of Porto is very much committed to develop initiatives and to create the right instruments so as to connect faculty, researchers, students, leading companies and resources within an interactive and dynamic ecosystem that nurtures innovation and entrepreneurship.

U. Porto Innovation, in particular, plays a key role in ensuring that the results from innovation and entrepreneurship efforts of the U. Porto community are successfully transferred to the private sector, thereby increasing competitiveness, but also made available to society as a whole through their commercialization.

Various mechanisms have been used by U. Porto innovation in order to achieve an effective and efficient transfer of the technology created within the University, including: [i] fostering university-industry partnerships through the use of intellectual property rights; [ii] managing innovation-driving business accelerator programs; [iii] helping start-ups find the best market and funding opportunities and build successful business models; [iv] acting as network facilitators and making the University’s vast network available to entrepreneurs; and [v] increasing awareness of U. Porto’s capabilities and inventions, matching these to external needs and opportunities.

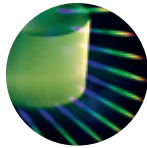
All of this has been carried out with high effectiveness by a small but very motivated team, composed of skilled human resources organized in multidisciplinary teams with business, licensing and scientific expertise.

Helder Vasconcelos

Vice-rector of the University of Porto for the Relationships with enterprises, innovation and entrepreneurship

BIP PROOF

Thanks to the support of Fundação Amadeu Dias, a premium sponsor of the University of Porto, we were able to develop prototypes and proof of concept studies for 5 technologies arising from the research developed within the University. BIP Proof allowed the technologies to further approach the market by showing that they could successfully perform in real life situations and/or scale-up to industrial demand.



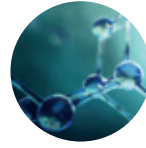
Oboom
Urinary biomarker
for diagnosis of
bladder outlet
obstruction



Spermboost
Upgrade to
spermatozoa
conservation
medium



Cropeo
Device with essential
oils to protect
cereals from insects
and fungi



Ket-Cat
Chemical catalysts
for a more
sustainable industrial
production



Mechalife
Assisted
exoskeleton to
replace crutches
and walkers

[Spotlight]

ENTREPRENOW

U. Porto Entreprenow is a one-day event with a clear goal: to support technology-based entrepreneurship and innovation, bringing researchers and entrepreneurs under the same roof. The event aims at observing and discussing current trends and success stories in the ecosystem, while looking at future challenges. Those who live and breathe entrepreneurship were always front and center and the 2018 edition had speakers such as Ken Singer (Sutardja Center for Entrepreneurship and



Technology] and Josemaria Siota [IESE Business School]. Santander Universidades is a key partner of the University in the promotion of entrepreneurship programmes.

ENTREPRENEURSHIP OBSERVATORY

The Entrepreneurship Observatory is an initiative launched by NOE - Noroeste Empreendedor, a project that aimed to study the entrepreneurial ecosystem, particularly entrepreneurial initiative and innovative projects that stem from the academic world. The Observatory's goal is to characterize the entrepreneurial ecosystem of each of the Universities participating in the study [U.Aveiro, U.Minho and U.Porto], to measure the effectiveness of each on their "Third Mission" and to gather data for decision-making and improved support in the

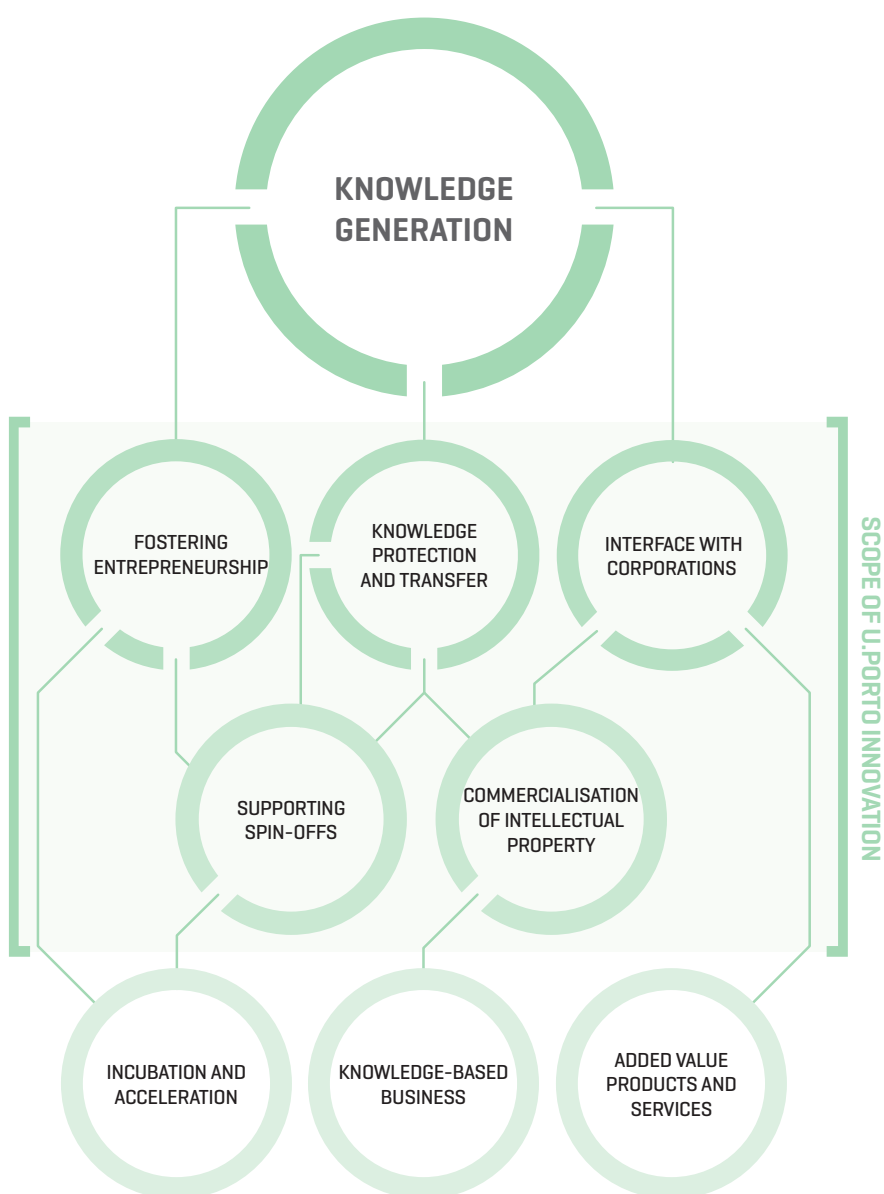


future. In 2019, and in the years to come, the three Universities plan on continuing the work on this initiative, mapping the entrepreneurship activities in the north of Portugal.

What can I get from U.Porto Innovation?

U.Porto Innovation was created in 2004 with the objective of supporting the University's innovation value chain by fostering the transfer of knowledge and reinforcing the bond between the University and businesses.

With over 10 years of experience, U.Porto Innovation focuses its activities on research at the University, entrepreneurship within the academic community and U.Porto's growing connections with industry.





INTELLECTUAL PROPERTY NUMBERS [2018]

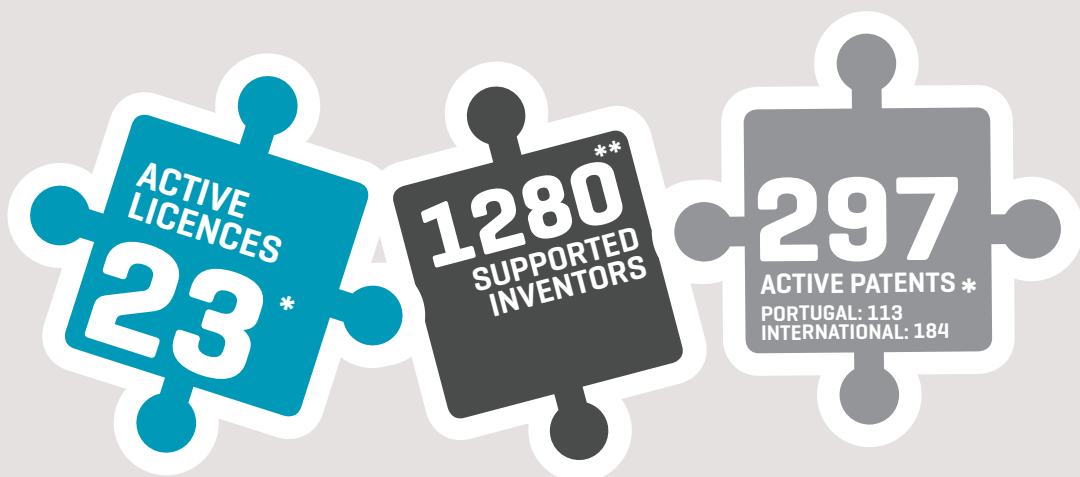
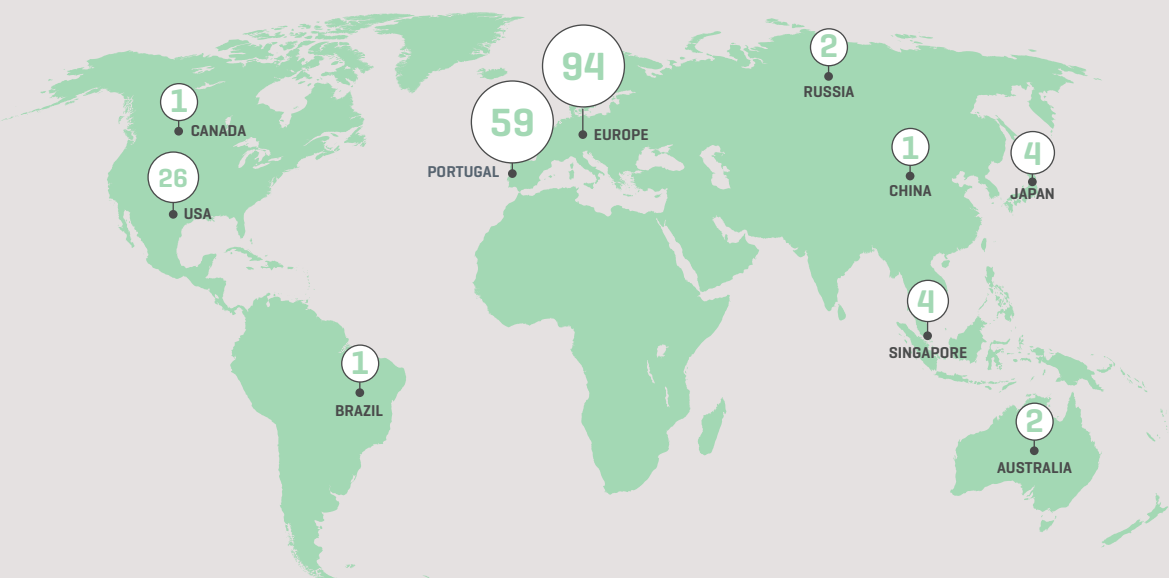
✓
33
INVENTION
DISCLOSURES
+2 than 2017

✓
22
PORTUGUESE
PATENTS
+11 than 2017

✓
7
PCT
EXTENSIONS

✓
46
INTERNATIONAL
PATENTS
+1 than 2017

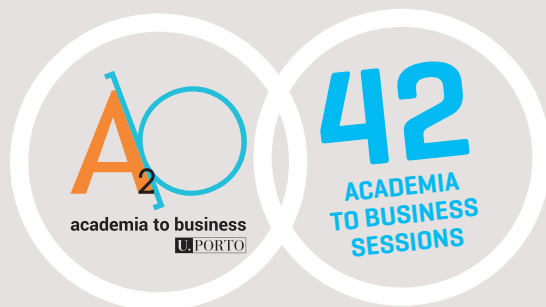
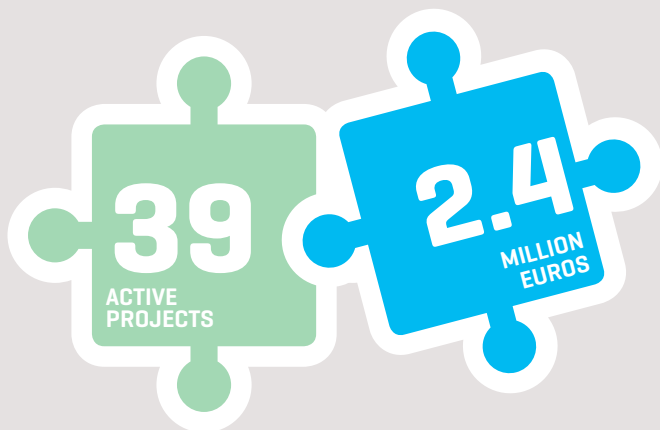
ALL GRANTED PATENTS*



[* All data refers to accumulated activity until December 31st 2018]

[**Total number of inventors listed, including those external to U.Porto and recurrent inventors]

[Our Numbers]



1280
PARTICIPANTS

[Researchers and company employees]

PATENTS MANAGED BY
U.PORTO SPIN-OFFS

170

U.PORTO SPIN-OFF
COMPANIES

76

INVESTMENT RAISED BY
U.PORTO SPIN-OFFS

76M€

U.PORTO SPIN-OFF CIRCLE



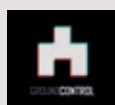
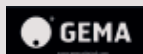
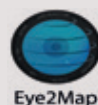
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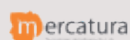
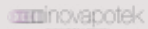
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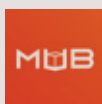
codavel



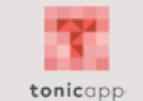
IMMUNETHEP



MOBILITYNOW



SMARTEX



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