UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

UPC

Universitat
Politècnica de Catalunya
BarcelonaTech

加泰罗尼亚理工大学

Academic year 2023-2024

2023-2024学年

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

We are UPC

The **Universitat Politècnica de Catalunya · BarcelonaTech** is a public institution of **Higher Education and Research**, specialised in the areas of **Architecture, Engineering, Science and Technology**

我们是UPC！

加泰罗尼亚理工大学·BarcelonaTech

一所致力于高等教育和研究的公共机构，专注建筑、工程和科技领域

We are a **leading technological university at the south of Europe**

我们是南欧科技领导者

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

A hub for Education, Research, Innovation and Internationalisation. - 教育、科研和国际化中心

… The Southern gateway to Europe - 南欧门户
… Mediterranean Capital - 地中海之都
… Bridge to the Maghreb - 马格里布联盟桥梁
… Platform for links to Latin America - 直连拉美平台

Barcelona
巴塞罗那

1 636 732	Inhabitants - 人口
3 719 096	Inh. Metropolitan Area - 市区人口
112,4	GDP per capita (Index EU27=100) - 人均GDP（UE27=100）
66 436 346	kTn harbour total transit (2021) - 年港口吞吐量（吨/2021年)
52 657 600	Airport passengers (2019) - 机场旅客吞吐量（2019年
471 885	Companies (BCN region) - 企业（巴塞罗那省)
8 908	Foreign companies (Catalonia) - 外资企业（加泰罗尼亚大区)

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

18

Schools - 学院

30

Departments - 院系

209

Research groups - 科研团队

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Fields - 专业领域

- Architecture and Urban Planning - 建筑学和城市规划
- Aerospace Engineering - 航天航空工程
- Agricultural and Biosystems Engineering - 农业和生物系统工程
- Civil, Environmental and Geological Engineering - 土木工程、环境和地质工程
- Computer Science - 计算机学
- Engineering for Industry: 工业工程 - Energy, Biomedical, Chemical, Electrical, Materials and Mechanical, Naval, Maritime and Nautical Engineering, Telecommunications and Electronic Systems Engineering - 能源、生物制药、化学、电气、材料和机械、航海工程、海洋和航海工程、电信和电子系统工程
- Applied Sciences: 应用科学 - Mathematics, Statistics, Physics, Optics and Photonics - .数学、统计学、物理学、光学、光子学

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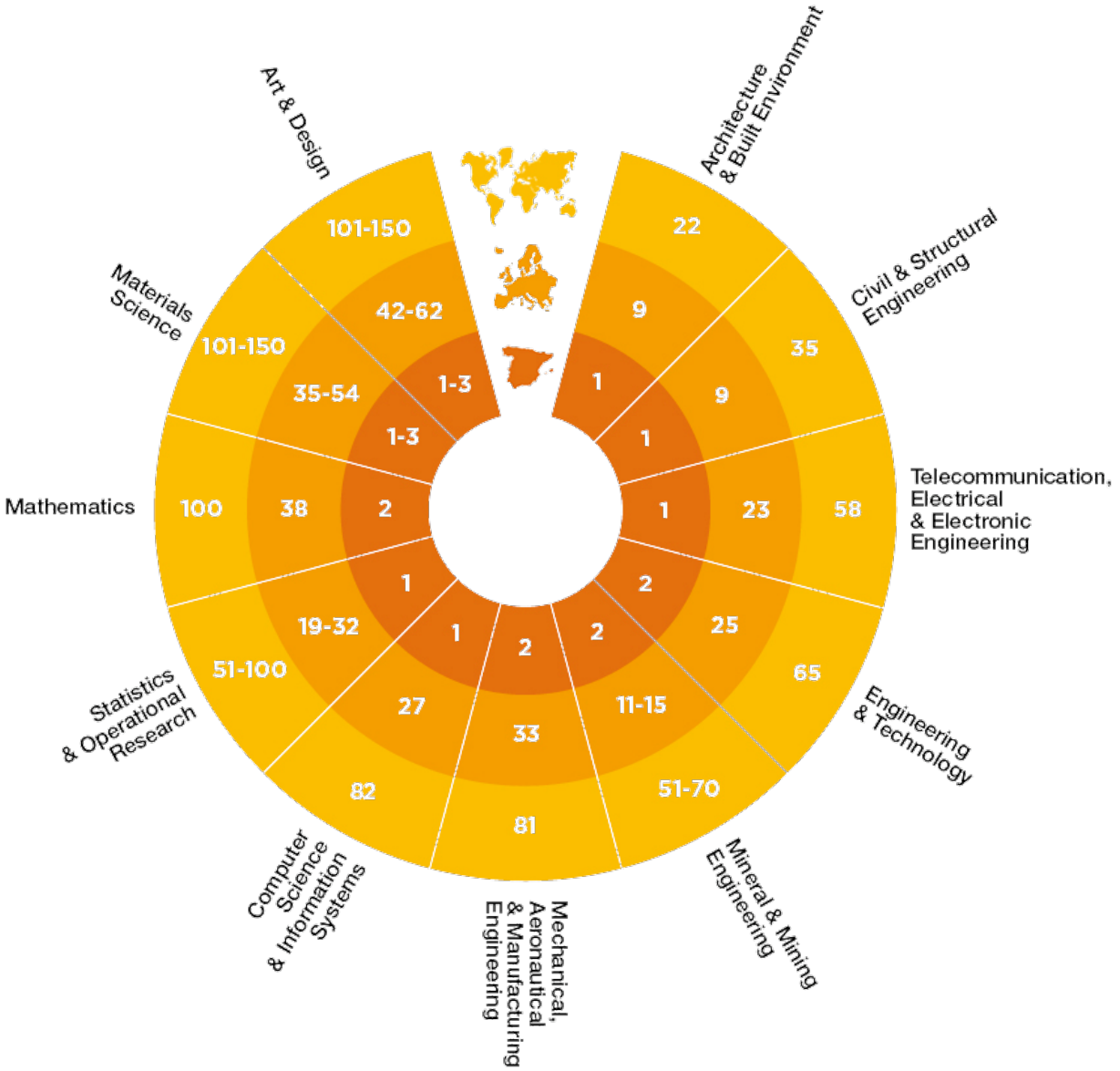
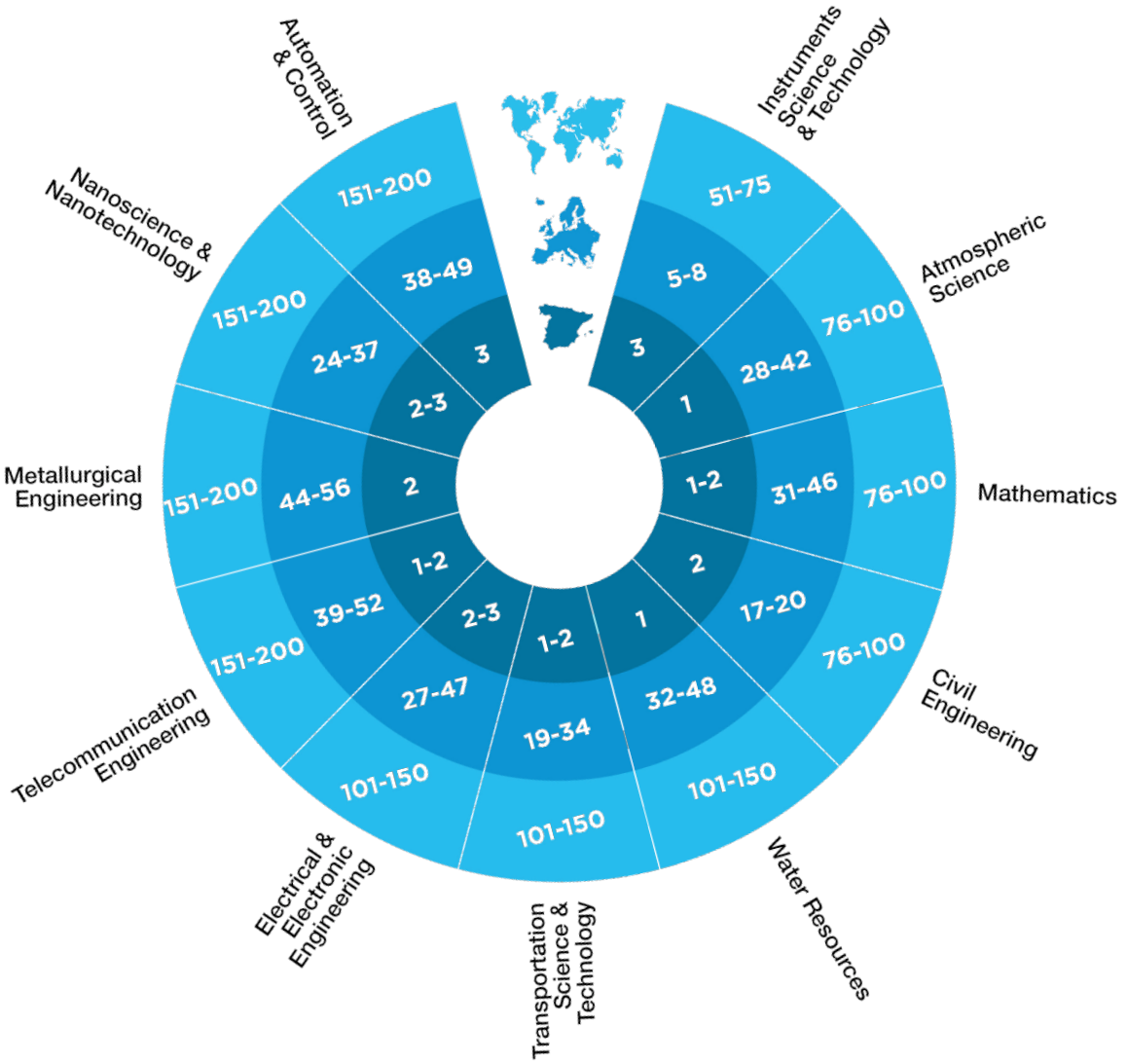
Reputation 全球知名大学

QS World University
Rankings by Subject, 2023
QS世界大学学科排名（2023 年）



Reputation 全球知名大学

Shanghai Global Ranking
of Academic Subjects, 2022
上海世界大学学术排名（2022年）



UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

317,3 M€

UPC budget (2022)

3.173亿欧元

2022年度UPC预算

72,7 M€

Projects income R+D+I (2021)

7270万欧元

2021年度各类科研创新项目收入

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

A university **committed** to its **environment** and **society**

坚持开放共享

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

53 development cooperation projects in 21 countries

与21个国家建立的合作项目

CCD 30 ANYS

Centre de Cooperació per al Desenvolupament

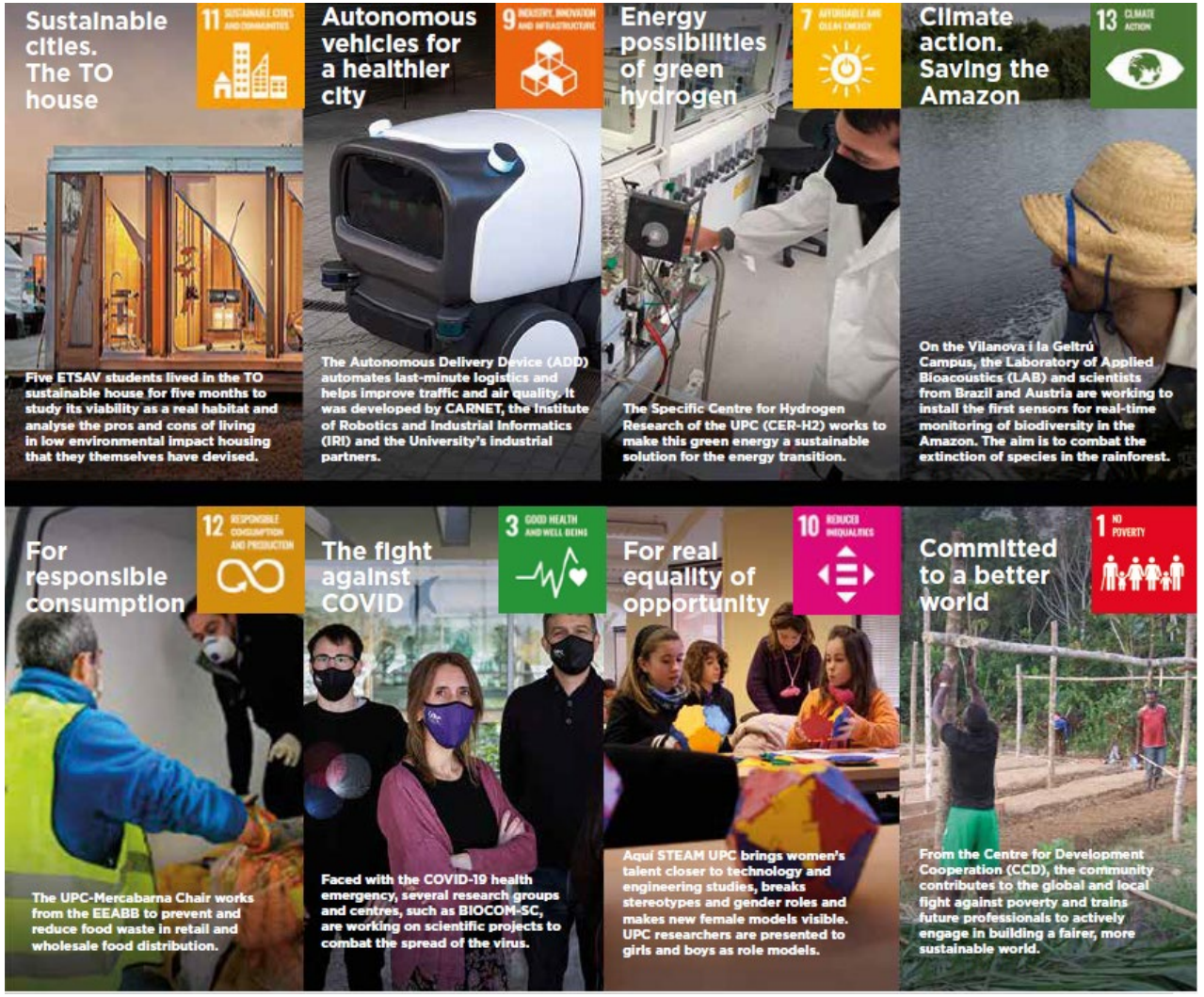
UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

A university aligned with the **Sustainable Development Goals** (SDG)
秉承可持续发展

The Impact Rankings, 2023
World's 'top 50' in the Climate Action SDG 13

2023年度泰晤士高等教育（THE）世界大学影响力排名
我校位列联合国可持续发展目标-气候行动领域世界排名前50强。

Accions UPC per als ODS



UPC Community

UPC，我们的大学，所有人的大学

UNIVERSITAT POLITÈCNICA
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29 812

undergraduate and master students

本科生和硕士生

2 107

PhD students

博士生

31 %

of women in the new intake of students

新生中女性比率

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

3 523

teaching
and research staff
教学和科研人员

2 074

Administration and
services staff
管理和服务人员

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

Training the professionals of the future
打造精英摇篮

UNIVERSITAT POLITÈCNICA
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65 bachelor's degrees

本科专业

84 master's degrees

硕士项目

45 PhD programmes

博士项目

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275 Life-long learning programmes

继续教育项目

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90%

of graduates work in less than 6 months

毕业生毕业6个月内就业率

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Internationalisation, a dimension that permeates all activities
坚定全球视角

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UPC abroad - UPC 国际战略

- Education: mobility, double degrees, strategic alliances - 教育：国际学生交流交换、双学位项目、战略联盟
- Research and innovation projects - 科研和创新合作项目
- Development Cooperation - 合作共赢、携手发展

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Working in alliances - UPC国际合作网络

The UPC in international networks

EUA
(European University Association)

Cluster
(Consortium Linking Universities of Science and Technology for Education an Research)

TIME
(Top Industrial Managers for Europe)

CASB
(Consortium for Advanced Studies in Barcelona)

UNITE!
(University Network for Innovation, Technology and Engineering)

SINO-SPANISH CAMPUS
A campus at Tongji University (China) composed of the UPC, the Universidad Politécnica de Madrid, the Tecnológico de Monterrey and the Universidad de Sevilla.

TELESCOPI
(Red de Observatorios de Buenas Prácticas de Dirección y Gestión Universitaria en Latinoamérica y Europa)

RMEI
(Réseau Méditerranéen des Écoles d'Ingénieurs)

HERITAGE Network

RedEmprendia
(Red de universidades iberoamericanas emprendedoras)

UNITECH
(Network of technological universities and European companies)

AUIP
(Asociación Universitaria Iberoamericana de Postgrado)

CINDA
(Centro Interuniversitario de Desarrollo)

GUNI
(Global University Network for innovation)

CESAER
(Conference of European Schools for Advanced Engineering Education and Recearch)

MAGALHAES
(Red de universidades europeas y latinoamericanas)

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European Institute of Innovation & Technology

The EIT is a body of the European Union

KIC InnoEnergy

UrbanMobility

RawMaterials

Health

Manufacturing

Knowledge and Innovation Community (KIC) supported by the European Institute of Innovation and Technology (EIT)

欧洲EIT（欧洲创新与技术学院）-KIC（知识与创新共同体）协同创新模式

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1 551

Student exchange agreements with
学生交流协议

716

Higher Education Institutions
高等教育机构

34

International Double Degree programmes with 26 universities
与26所大学签署的双学位国际合作项目

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2 756

students in international exchange programmes

2756 参与国际交流项目学生

30%

of master's students are international, 79% of them are from outside the EU

非欧盟国际生在硕士项目中占比率

55%

of PhD students are international, 82.5% of them are from outside the EU

非欧盟国际生在博士项目中占比率

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Unite!, the creation of the future European university

Unite !, 让我们共创美好未来！

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unite! | University Network for Innovation, Technology and Engineering

- A model of European University of innovation, technology and engineering.
  欧洲大学创新、技术和工程合作新模式。
- A strategic alliance of universities.
  大学间战略联盟
- An inclusive community linked to the territory and its stakeholders.
  兼容并包

280,000
students at Unite! universities (2021)

77,300
graduates of Unite! universities per year (2020)

31,000
journal and conference papers per year (Web of Science, 2020)

223
ERC grants at Unite! universities (2007-2021)

2,630
PhD graduates of Unite! universities per year (2020)

799
Startups founded in the last 5 years

Research to innovate
创新奋斗

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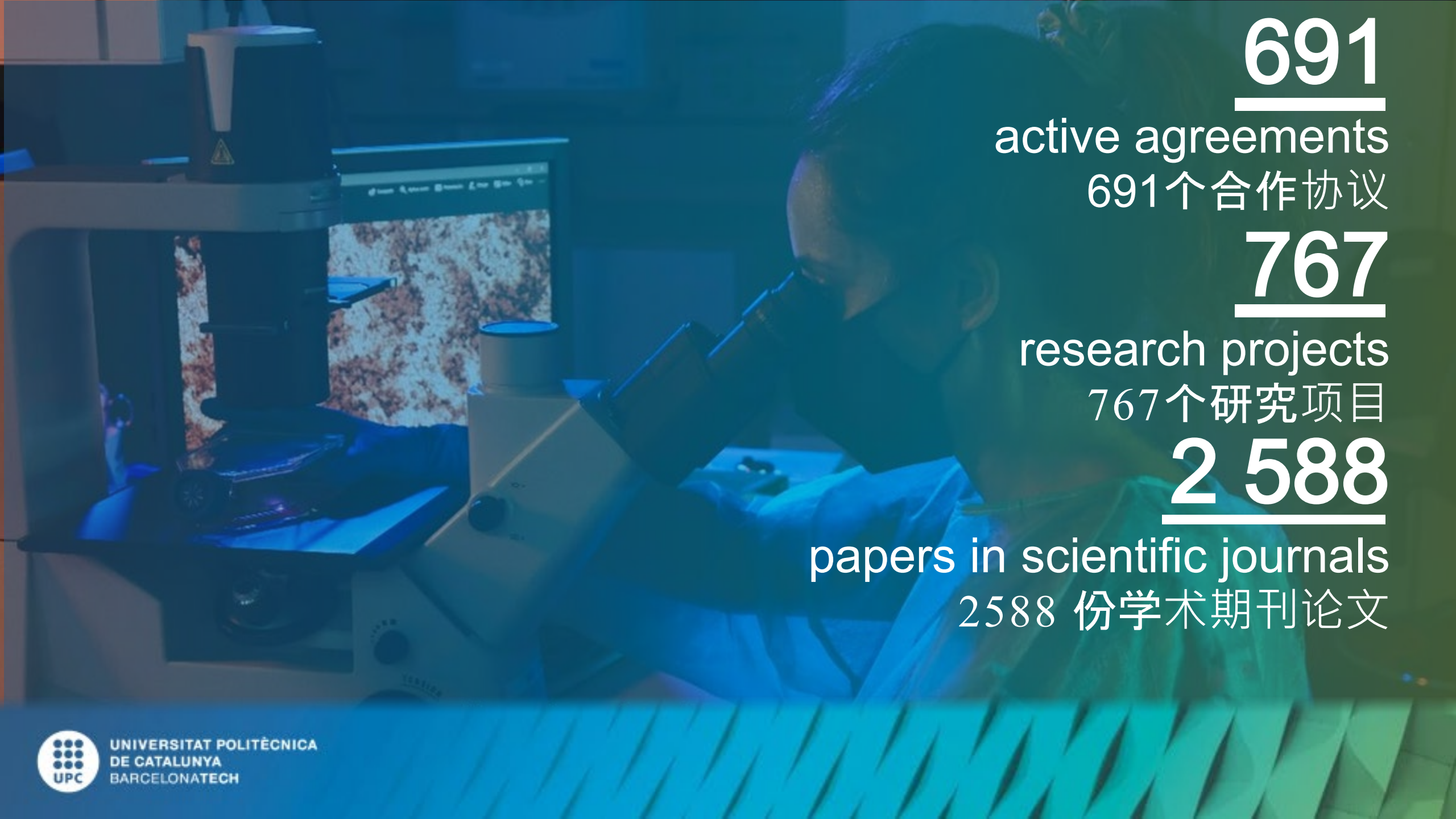

691

active agreements

691个合作协议

767

research projects

767个研究项目

2 588

papers in scientific journals

2588 份学术期刊论文

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The UPC, first State University in projects funded through the Horizon Europe programme

UPC，获“Horizon Europe”资助项目最多的西班牙大学

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

Offering answers to companies
与企业界深度融合

R+D+i
Innovation hubs
Talent (internships in companies)
UPC innovation ecosystem
Industrial Doctorates

I+D+I
创新中心
人才（企业实习）
UPC创新网络
工业博士项目

助推加泰罗尼亚
0.3% GDP

独角兽的摇篮

THE UPC, A UNICORN INCUBATOR

With nine entrepreneurs and six start-ups valued at over one billion euros or that may be so valued in the next two years, the UPC is one of the top universities at which founders of unicorn companies have trained.

GENERATING 0.3% OF CATALAN GDP

The UPC contributed to generating 0.3% of Catalonia's GDP in 2019. For every 100 euros of public funding it received, the UPC returned 601.5 euros to society.
In terms of contribution to the labour market that year, the University directly or indirectly contributed to creating or maintaining 10,371 full-time equivalent jobs.
(Source: *Impacte econòmic i retorn social de la UPC. Any 2019*)

2 998

companies
and entities
with collaboration
agreements

签有合作协议的企业和机构

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19 patents registered last year
2022年新注册专利

587 international patents and licences in the last 10 years
过去10年注册的专利与国际许可

38 technology-based companies investee
参股科技企业

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103

industrial doctorate thesis

工业博士论文

28.7% of industrial doctorates in Catalonia since 2007 have been developed at the UPC

自2007年以来，加泰罗尼亚地区28.7%的工业博士论文来自UPC

UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

UPC

Universitat Politècnica de Catalunya BarcelonaTech

UPC,

the university of

Engineering, Architecture,

Sciences and Technology

UPC,

以工程、建筑、科学技术为核心