



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# REPORT ON U.N. SUSTAINABLE DEVELOPMENT GOALS



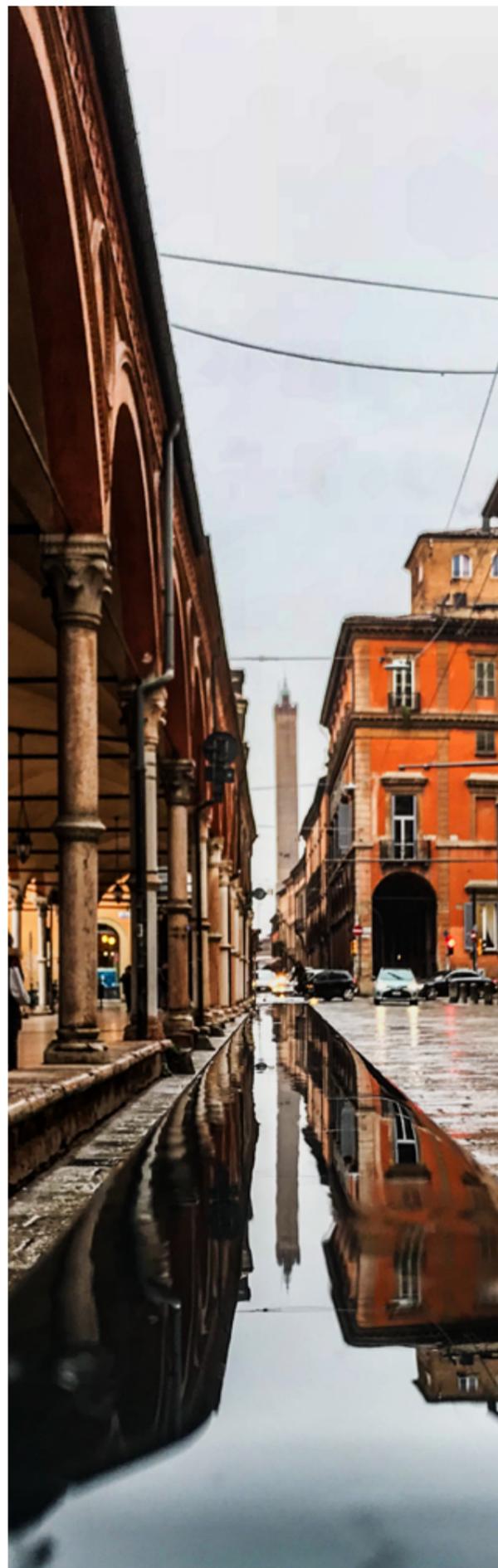
## INTERACTIVE DOCUMENT

This document was created in order to redirect the readers to AlmaGOALS website for more information and further details.

The title of the boxes, title of sections, banners, icons of the SDGs and underlined texts are clickable and address to specific pages and projects in our website.

The following QR Code refers to AlmaGOALS homepage.

Please, interact with the report and discover our actions towards SDGs.



# REPORT ON U.N. SUSTAINABLE DEVELOPMENT GOALS

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### **Report on U.N. Sustainable Development Goals drawn up by:**

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# INTRODUCTION



**3,730**  
DOWNLOADS OF REPORT  
ON U.N. SUSTAINABLE  
DEVELOPMENT GOALS  
(08/03/2018 - 05/04/2019)

The University of Bologna is committed to the values of sustainability and is fully aware that its activities can produce significant impact. Therefore, in order to take up the challenges that the contemporary world imposes and to guide all institutional actions towards the pursuit of sustainable development, the University has integrated the 17 Goals in its mission and strategy, from the **Strategic Plan** to the many activities of the University.

Since 2016, to systematically monitor the progress towards SDGs, the University has developed the **Report on U.N. Sustainable Development Goals**. This public document provides a reading of our contribution in favor of the 17 SDGs.

**AlmaGoals** website shows all the contributions and the commitment of the University of Bologna to the advancement of the United Nations 2030 Agenda, by presenting the information described in this report. Each of the 17 Sustainable Development Goals is reported on in relation to the four university dimensions of activities carried out at the University of Bologna (teaching, research, third mission and institution) using a set of metrics specially formulated to match and integrate with the institutional documents adopted by the University of Bologna.

The **Sustainable Development Goals** are for all and everyone must take his part. The involvement, collaboration and cooperation of everyone is essential for the formation of a solid base, where it is possible to build a different present and a sustainable future. We must work collectively and we, as institution, give the opportunity to create the network that face the global challenges. Together we can.

Francesco Ubertini  
Rector

Alma Mater Studiorum - Università di Bologna

## **THE IMPACT RANKING: 9<sup>TH</sup>**

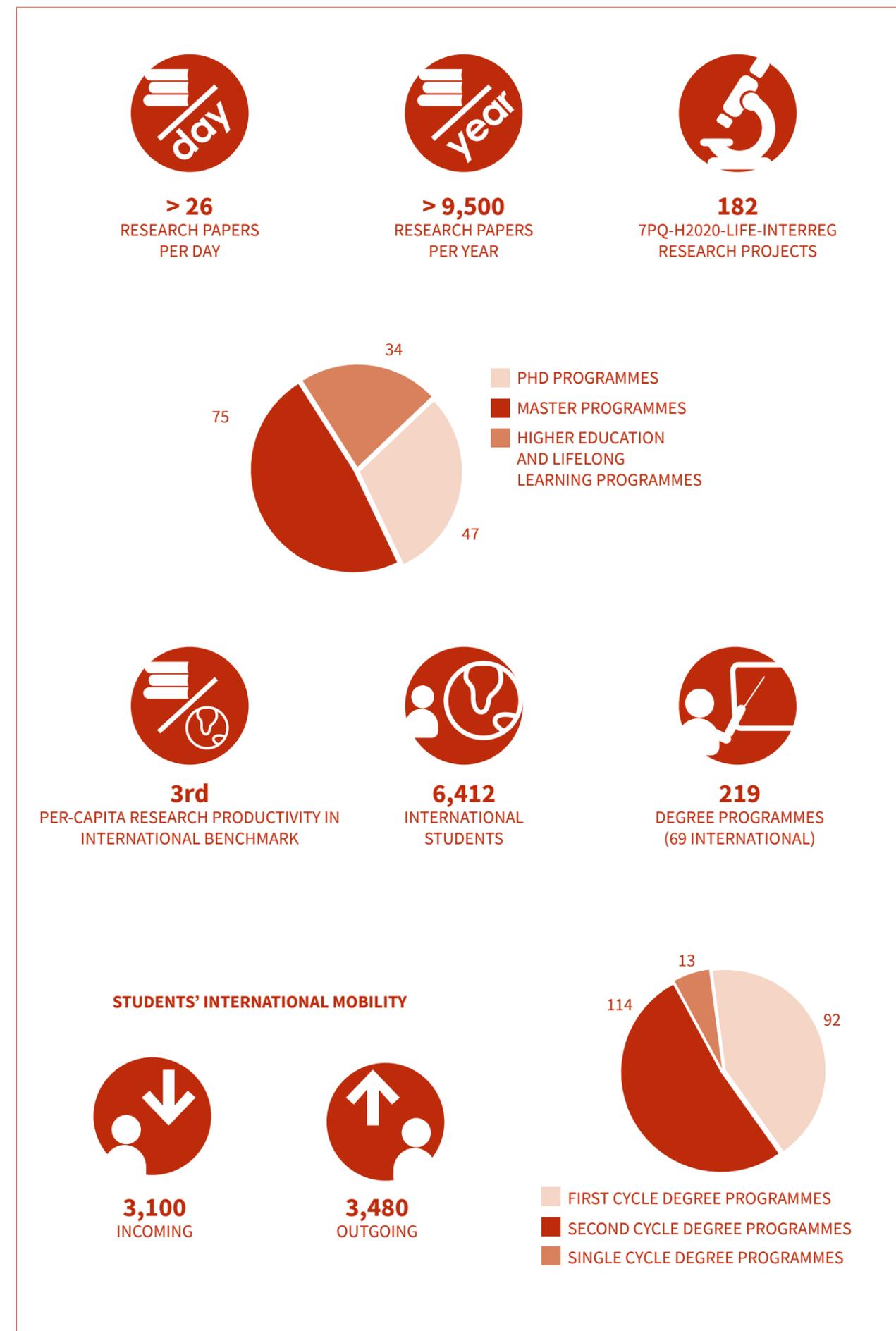
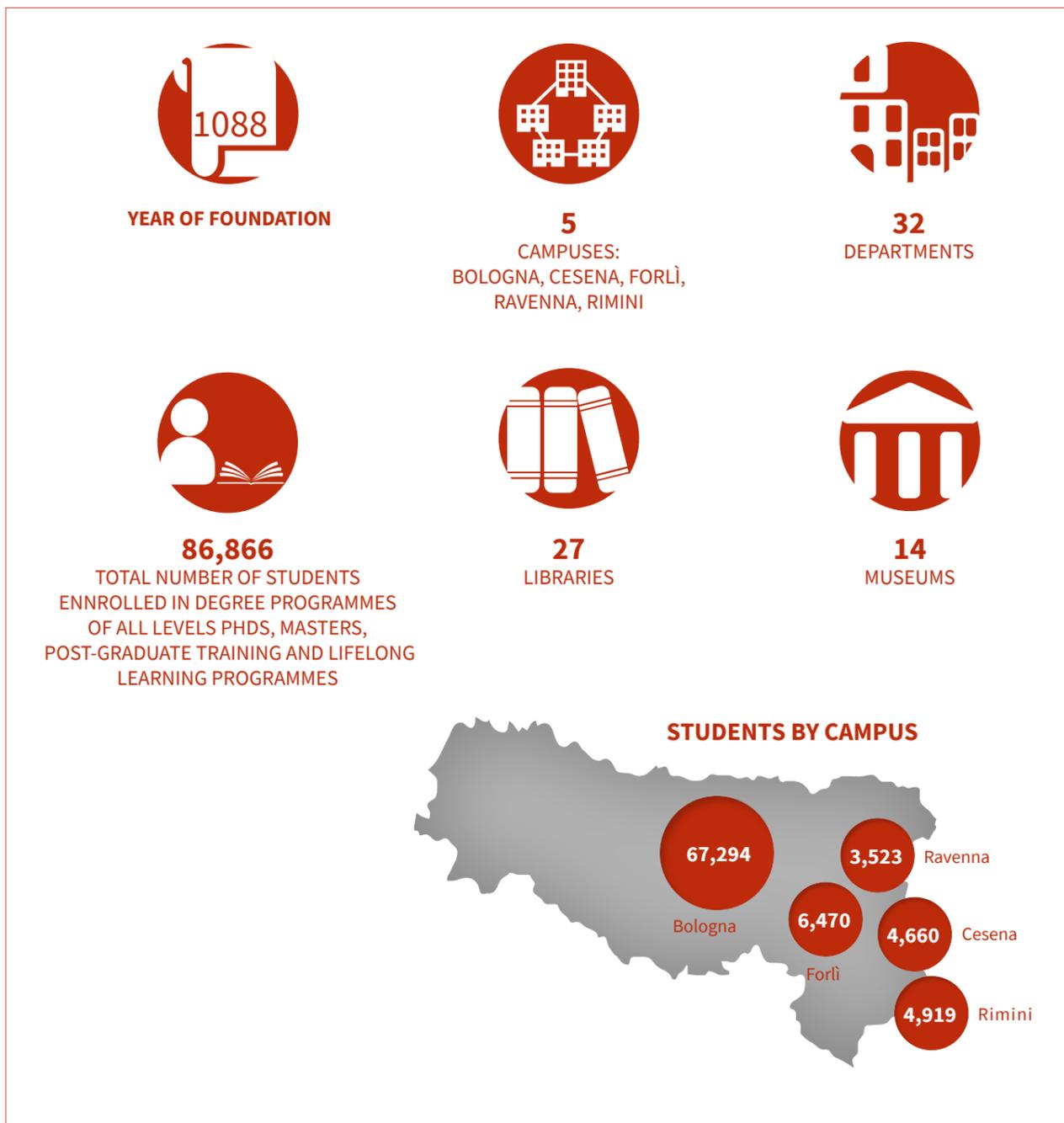
The effort towards the SDGs of the Alma Mater Studiorum have been certified by **Times Higher Education Impact Ranking** of the 2018.

The University of Bologna is ranked as 9th in the World, among more than 500 universities. This ranking is the only global performance table that assess universities in relation to the United Nations' Sustainable Development Goals.

Furthermore, the University of Bologna is:  
4<sup>th</sup> for SDG 4: Quality Education;  
4<sup>th</sup> for SDG 5: Gender Equality;  
6<sup>th</sup> for SDG 8: Decent Work and Economic Growth;  
17<sup>th</sup> for SDG 11: Sustainable Cities and Communities;  
21<sup>st</sup> for SDG 17: Partnerships for the Goals;  
35<sup>th</sup> for SDG 3: Good Health and Well-being.



# ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA KEY FACTS



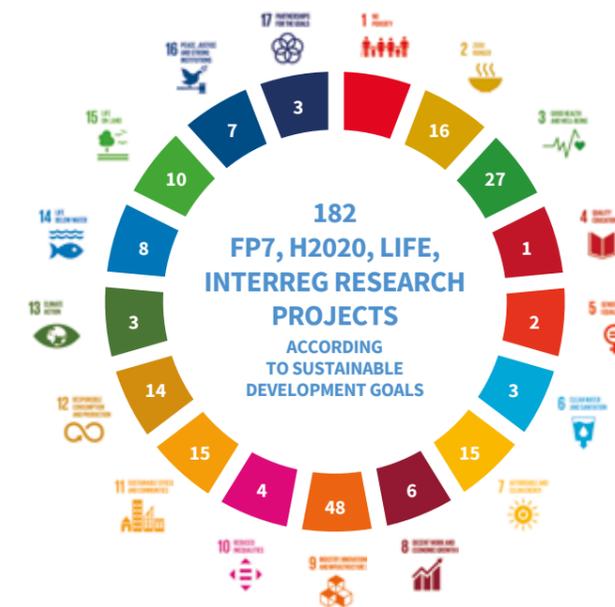
# ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA U.N. SDGs HIGHLIGHTS



## SDGS RELATED COURSE UNITS

Clinical and Health	159
Natural and Life Sciences	199
Technology and Engineering	338
Management and Social Sciences	261
Arts and Humanities	217

**TOTAL** 1,174



# 1. END POVERTY IN ALL ITS FORMS EVERYWHERE



## TEACHING



**66**  
COURSE UNITS



**5,206**  
STUDENTS WHO  
CHOSE THE COURSE UNITS

## THIRD MISSION

### UNIBO4REFUGEES

The doors of the University of Bologna are open to refugee students thanks to **Unibo4Refugees** project. Students get the chance find out about the opportunities for study and financial aids and draw up an educational plan for rebuilding their future.

## RESEARCH



**412**  
PUBLICATIONS IN  
SCOPUS 2013-2018



**11,801**  
"CITED BY"  
IN SCOPUS



**38**



**93**  
PUBs PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK



**70**  
PUBs PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK

## 2. END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE



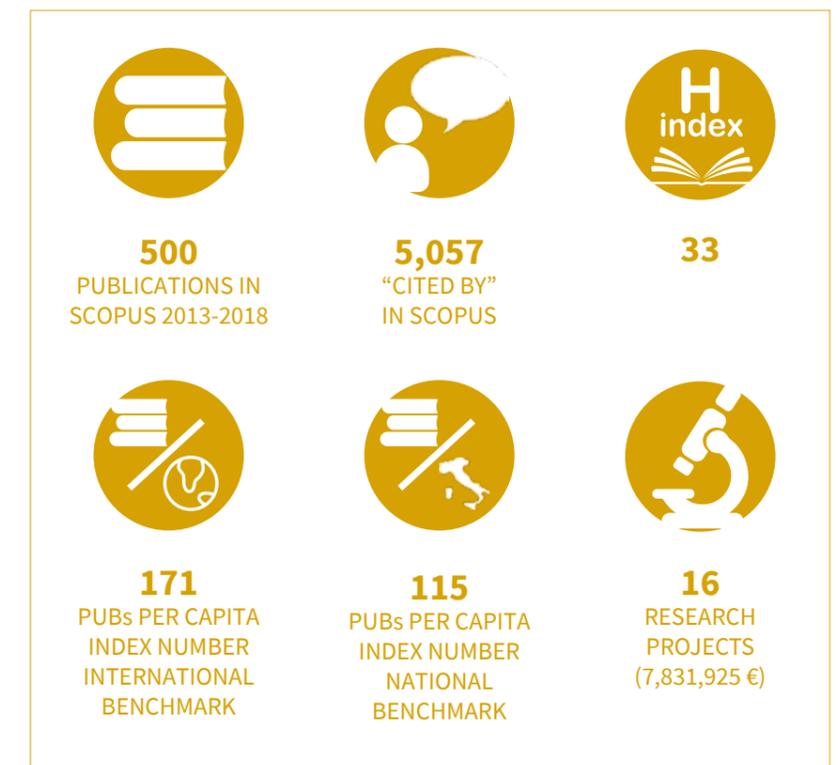
### TEACHING



### THIRD MISSION



### RESEARCH



### INSTITUTION

#### PROGETTO KM0

The **Progetto KM0** is coordinated by the **Azienda Agraria** of the University of Bologna with the scientific contribution of the Department of Agricultural and Food Sciences, in order to ensure the highest quality of the supply chain.

This initiative aims to promote a closer relationship between the city and the countryside, encouraging consumers to know and appreciate the typical agricultural products of the area, following the seasonal trend. This project let consumers know about the place of origin, the cultivation technique and above all, the consumption of products in full ripeness.

In addition, the farm also cultivates minor species of fruit trees and there are numerous varieties, some of which can be considered real "ancient fruits".

# 3. ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES



**3 GOOD HEALTH AND WELL-BEING**

## INSTITUTION

 <b>279</b> TEACHING STAFF	 <b>129</b> TECHNICAL STAFF
----------------------------------	-----------------------------------

## RESEARCH

 <b>7,639</b> PUBLICATIONS IN SCOPUS 2013-2018	 <b>143,252</b> "CITED BY" IN SCOPUS
 <b>141</b> PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	 <b>82</b> PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK
 <b>130</b>	 <b>27</b> RESEARCH PROJECTS (14,000,065 €)

## TEACHING

 <b>342</b> COURSE UNITS	 <b>10</b> COLLABORATIONS, TEACHING, MOBILITY
 <b>22,624</b> STUDENTS WHO CHOSE THE COURSE UNITS	 <b>1</b> STUDENTS OF HEALTH DEGREES

## CUSB

Students have free access to sports facilities managed by the **Bologna University Sports Center (CUSB)**. Local schools can also access to the facilities at no charge during the free events/projects dedicated to them. The local community can also benefit from the garden and the refreshment areas are free of charge.

Facilities, sports courses and services organized by CUSB are open to both students and employees of the University of Bologna as well as to the local community (citizens - sports clubs - associations) with discounts for CUSB-members.

## THIRD MISSION

**3**  
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS

## INSTITUTION

### HEALTHCARE SERVICES

#### Podiatric clinic

The University of Bologna's Outpatient Clinic for Podiatry provides the public with a complete range of services for the well-being and health of the foot. The Outpatient Clinic is equipped with four podiatry units for the prevention and treatment of diseases of podiatry competence.

#### Dental care

Students, teaching staff and technical-administrative staff (on duty and retired, including dependent children and spouses) can take advantage of the dental care service at the Dental Clinic of the Department of Biomedical and Neuromotor Sciences,

### SEXUAL DISEASES

Students can have a free access to the “**Sexually Transmitted Disease Center**” of the University hospital. They are provided with specialist visits and treatment of sexually transmitted diseases and genital localization diseases, information, education, prevention and counselling (also psychological).

### CROSS CULTURAL COUNSELLING

The **Cross-Cultural Counselling Service** was established to prevent particularly critical situations relating to adaptation, study, excessive demands and complaints, isolation, conflicts with other students and/or teachers, practical environmental problems, etc. through a cross-cultural perspective. The service is free of charge and offers: assessment and analysis of psycho-social-cultural needs; first assistance and/or orientation actions.

### PSYCHOLOGICAL SUPPORT

**For students:** the service is aimed at young people with emotional and relational problems, affective and behavioural disorders, difficulties in university and/or working life.

**For staff:** the service is aimed at teaching and technical-administrative staff who wish to express in a space totally confidential psychological discomforts and/or relational and communicative problems in the workplace.

### LOCAL COLLABORATION

#### Rizzoli Hospital

The Rizzoli Orthopaedic Institute comprises treatment and research with an high level of healthcare. It hosts the **Cell and Musculoskeletal Tissue Bank**, which is the regional referral center for the collection, conservation and distribution of cells and tissues. The Institute puts the patients to the centre of the activities, guaranteeing as far as possible a familiar setting.

#### Sant'Orsola-Malpighi Hospital

The Bologna University Hospital Authority St. Orsola Polyclinic develops and delivers integrative multi-specialist research, education and training. The Hospital promotes innovation and pursues the highest degree of both patient/customer care and the training of medical students.

#### Institute of Neurological Sciences

The University offer healthcare services which are part of the state run healthcare. The **U.O.C. of Neurological Clinic of IRCCS Institute of Neurological Sciences** of AUSL Bologna is a structure aimed at the diagnosis and treatment of neurological diseases of adults and children. It works in synergy and integration with the University Department of Biomedical and Neuromotor Sciences.

### EXCELLENCE UNITS

#### Cardiac Surgery Unit

The **Paediatric and Evolutionary Cardiac Surgery Unit** is part of the Cardiothoracovascular Department and it is the only accredited centre in Emilia-Romagna for the surgical treatment of congenital heart disease. The activities consist in the treatment of all congenital heart diseases in patients of any age. This unit is the reference centre of the Emilia-Romagna Region for the surgical treatment of congenital heart disease.

#### Haematology Institute and DIMES

**Haematology Institute Lorenzo e Ariosto Seràgnoli** and the **Department of Experimental, Diagnostic and Specialty Medicine - DIMES**, works together with national healthcare. The mission is the diagnosis of haematological and onco-haematological diseases, the assistance and treatment of patients, through multidisciplinary methods and with the development of innovative approaches the Dental Clinic of the Department.



# 4. ENSURE INCLUSIVE AND QUALITY EDUCATION FOR ALL AND PROMOTE LIFELONG LEARNING

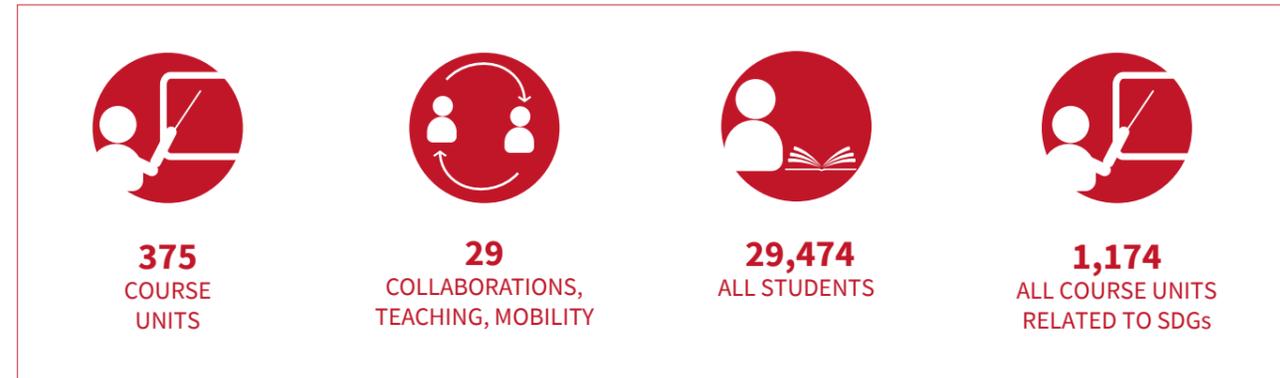


## UNIVERSITY QUALITY ASSURANCE

The University of Bologna has an **Internal Quality Assurance System** involving a self-assessment that allow the University to improve the quality of its study programmes. This process provides an adequate response to the expectations of all actors who have an interest in the offered training service: students, families, companies, institutions, etc.

The system envisages the periodic analysis of significant data (such as the number of graduates in the course, the opinions of the students and the employment status of the graduates) collected both by the University and by the **National Agency for the Evaluation of the University and Research System (ANVUR)**.

## TEACHING



## PARAMETERS FOR QUALITY EDUCATION

### STUDENT ATTRACTIVENESS

Students enrolled in Second cycle degree programmes (from other universities)	47.4%
Incoming exchange students	3,100
International students (UE and Extra-UE)	7.2%

### SOCIAL INCLUSION

Value of scholarships (merit and status based) Per Capita	510 €
Students followed by the Service for disabled	654
Enrolled University students by gender (first, second and single cycle degrees)	36,726 M 46,273 F

### PROGRAMMES OFFERED AND MAIN RESULTS

Degree programmes	219
Degree programmes taught in English	52
Masters' programmes and post-graduate/lifelong learning programmes	109
Courses with at least three quarters of students satisfied with the course	76.7 %
Graduates	18,380
Graduates within regular enrollment	67%

RESEARCH

THIRD MISSION

INSTITUTION



TRAINED PEOPLE	% ON UNIVERSITY STAFF
1,538	52%

GUIDANCE (CURRENT AND OUTGOING STUDENTS)	No.
Curricular internships	20,497
Professional internship	668
Career Days participants	3,149
Recruiting Day participants	1,950
Job Days (School of Agriculture and veterinary Medicine) participants	300
Job Placement-web site visitors	67,075
Job Placement service: no. of participants to Companies presentations	894
No. of beneficiaries of the Guidance - Education and Support to Entrepreneurship services	3,410

RESEARCH PRODUCTS 2018	No.
Articles	6,023
Chapters	1,676
Books	428
Proceedings	1,021
Translations	34
Patents/licences	181
Research-related activities	56
Other	91
<b>Total</b>	<b>9,510</b>

**ISTITUTO DI STUDI SUPERIORI**

**ISS (Istituto di Studi Superiori of University of Bologna)** is a laboratory of excellence where scholars from all levels of education and research meet: professors, researchers and students. It consists of two sections: the **Collegio Superiore** and **ISA - Institute of Advanced Studies**.

The mission of the Institute is to foster collaboration and the sharing of knowledge amongst academics from a wide range of fields coming from all over the world. The goal is to develop international collaborative research projects and to increase the learning possibilities for Ph.D. and undergraduate students at the University of Bologna.

Interdisciplinarity, internationalization and sharing are the key words of the Institute, whose community life brings together students, researchers and lecturers to exchange, discuss and realise concepts and ideas.

## INSTITUTION

## UNIBO OPEN KNOWLEDGE (BOOK)

**UniBO Open Knowledge** (BOOK) is an initiative of University of Bologna designed to develop and deliver **MOOCs** (Massive Open Online Courses). All courses are open to the general public and a specific certification is provided to every learner who complete a course.

## AROUND ACTIVITIES

The University organizes many activities, events, shows and exhibitions to promote culture for the community. In 2018, the University organized:

- **RICERCA IN SCENA:** 5 shows about research activities, results and methods at theatre through the voice of researchers;
- **ZAMBEST:** a summer festival in the rectorate and streets nearby the University area with concerts, shows, lectures, meetings, talks.
- **I CLASSICI:** seminars about the classical poems.

## GREEN OFFICE

The **Green Office** is living hub of sustainability, managed by students and supported by professors, technical staff and the whole University. The aim is to implement concrete projects for the University, made by its protagonists, through a bottom-up approach.

In this way, the students can put into practice sustainable actions and ideas together with a multi-disciplinary and dynamic team and within a protected environment.

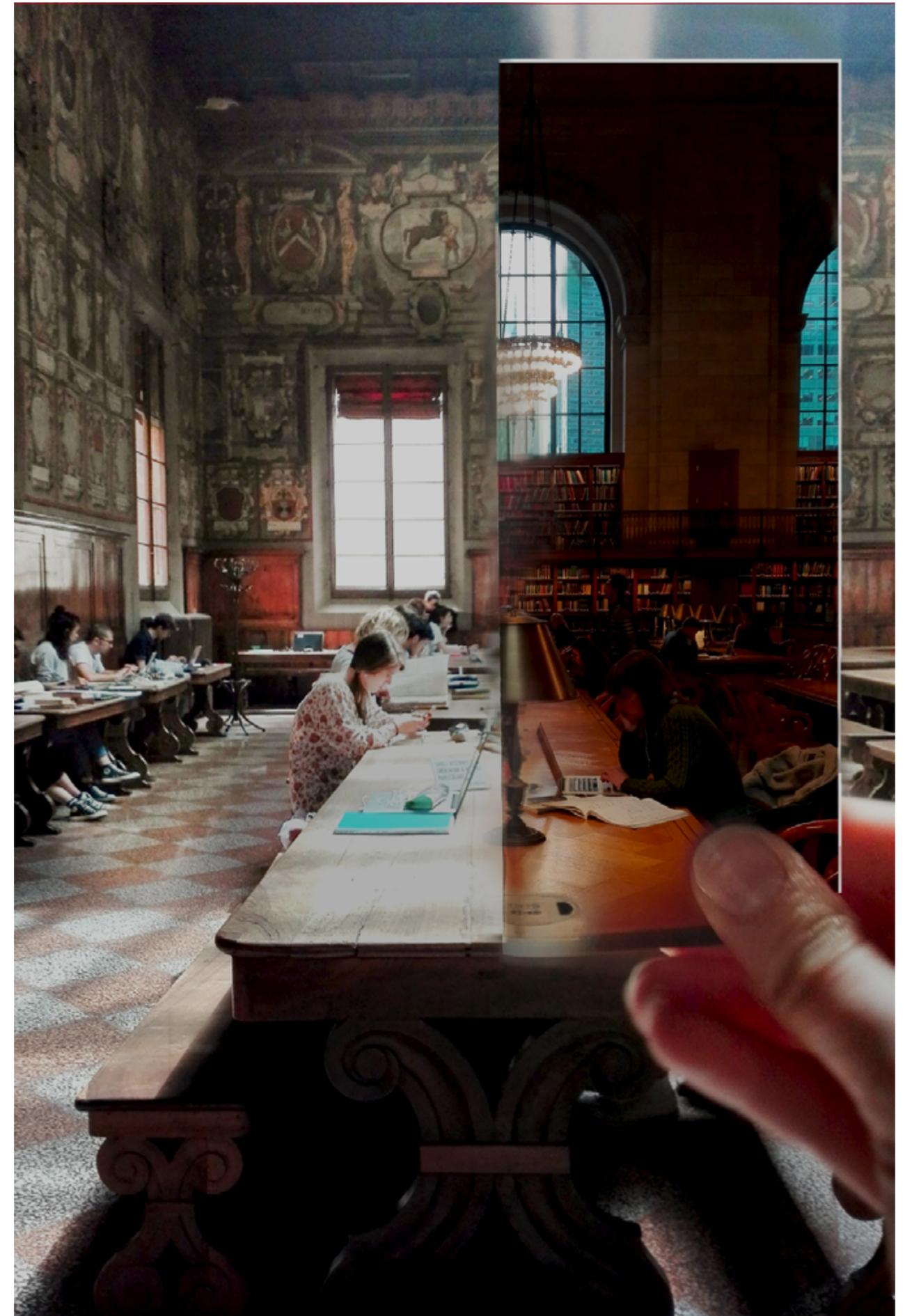
The movement of the GOs is managed by **rootAbility**, a non-profit social business that connects the various GOS and supports students and staff in the start-up phase.

## DEPARTMENTS OF EXCELLENCE

14 of our 32 Departments were selected by the MIUR (Ministry of Education, University and Research) as **Departments of Excellence**. This initiative gives the recognition to 180 Italian Unviersities Departments for the quality of the research and the quality of the development project in various research areas.

The Departments of Excellence are:

- [Agricultural and Food Sciences - DISTAL](#)
- [Architecture - DA](#)
- [Biomedical and Neuromotor Sciences - DIBINEM](#)
- [Chemistry «Giacomo Ciamician» - CHIM](#)
- [Civil, Chemical, Environmental, and Materials Engineering - DICAM](#)
- [Classical Philology and Italian Studies - FICLIT](#)
- [Economics - DSE](#)
- [Electrical, Electronic, and Information Engineering «Guglielmo Marconi» - DEI](#)
- [Legal Studies - DSG](#)
- [Management - DiSA](#)
- [Modern Languages, Literatures, and Cultures - LILEC](#)
- [Political and Social Sciences - SPS](#)
- [Psychology - PSI](#)
- [Veterinary Medical Sciences - DIMEVET](#)



# 5. ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS



## TEACHING



## THIRD MISSION



## RESEARCH



## IAU CLUSTER LEADER INSTITUTION ON GENDER EQUALITY

The **IAU Cluster on HESD** (Higher Education and Research for Sustainable Development) promotes the role that Higher Education Institutions globally have to fulfil in order to achieve the SDGs and Agenda 2030. Universities are to address the SDGs, which themselves impact on and transform universities. The Cluster encourages a holistic approach to the SDGs, focusing specifically on the whole institution approach.

The IAU Clusters brings HEIs from all continents together and encourages them to develop joint initiatives and synergies toward the achievement of the SDGs and to build a Worldwide Higher Education Community.

The University of Bologna is a Leader Institution of **SDG 5 Gender Equality**, thanks to the many initiatives and implemented projects in order to raise awareness at all levels of this important need of our society.

## INSTITUTION



1.55

GLASS CEILING INDEX OF  
UNIVERSITY OF BOLOGNA

2017: 1.59

2016: 1.65

2015: 1.80

2014: 1.83



163

GOVERNING BODIES



64 + 99

GENDER EQUALITY ANNUAL REPORT  
AND UNIVERSITY GENDER INEQUALITY INDEX

The University of Bologna applies the national policy against any form of gender pay gap as stated in the Italian Constitutional Chart, art. 37, where it is written: "Working women are entitled to equal rights and, for comparable jobs, equal pay as men". Thus, at a specific academic position corresponds a specific pay equal for both genders.

To monitor the application of this national policy and the elimination of the gender pay gap, the University provides its data per year in its Gender Equality Annual Report, where it is included also the indicator "**University Gender Inequality Index (UGII)**".

## PLOTINA AND THE GENDER EQUALITY PLAN

Through **PLOTINA** project and the **Gender Equality Plan (GEP)** the University of Bologna promotes and favours women's access to university studies even in those areas of study traditionally most frequented by men.

The Gender Equality Plan (GEP) is a flexible tool, comparable to a Positive Action Plan, which is constructed taking into account the peculiarities and needs of each single University or Research Center. Moreover, to contrast gender biases in the evaluation and recruitment of professors and researchers, the University of Bologna produced and diffused a formative video. Last, but not least, the University participates in a national project that allows transgender students to adopt the name they want without being discriminated against at any time during their university career.

## BABY PIT-STOP

**Baby Pit-Stop** is a special quiet area for students, PhD students, research fellows, academics, staff, visiting friends and relatives moms to feed and change their babies at the University of Bologna.



# 6. ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL



**6 CLEAN WATER AND SANITATION**

## TEACHING

**77**  
COURSE  
UNITS

**5,499**  
STUDENTS WHO CHOSE  
THE COURSE UNITS

## RESEARCH

**604**  
PUBLICATIONS IN  
SCOPUS 2013-2018

**8,207**  
"CITED BY"  
IN SCOPUS

**37**

**171**  
PUBS PER CAPITA INDEX  
NUMBER INTERNATIONAL  
BENCHMARK

**122**  
PUBS PER CAPITA INDEX  
NUMBER INTERNATIONAL  
BENCHMARK

**3**  
RESEARCH  
PROJECTS  
(1,077,513 €)

## INSTITUTION

**WATER CONSUMPTION: DATA IN M<sup>3</sup> OF WATER**

Year	Water Consumption (M <sup>3</sup> )
2015	1,381,404
2016	824,067
2017	422,130
2018	314,079

**>75%**  
OF INSTALLED APPLIANCES  
ARE WATER EFFICIENT

# 7. ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY



**7 AFFORDABLE AND CLEAN ENERGY**

## TEACHING

**134**  
COURSE  
UNITS

**6,300**  
STUDENTS WHO  
CHOSE THE COURSE UNITS

## THIRD MISSION

**1**  
COOPERATION, SOCIAL  
AND INDUSTRY  
ENGAGEMENT  
RESEARCH PROJECTS

## RESEARCH

**650**  
PUBLICATIONS IN  
SCOPUS 2013-2018

**9,719**  
"CITED BY"  
IN SCOPUS

**47**

**137**  
PUBs PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK

**98**  
PUBs PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK

**15**  
RESEARCH  
PROJECTS  
(3,659,104 €)

## INSTITUTION

**1,294,573**  
KWH/YEAR  
SOLAR ENERGY PRODUCED

**>75%**  
CONVENTIONAL  
APPLIANCES  
REPLACED BY  
ENERGY EFFICIENT ONES

**1,052**  
GREEN ROOF M<sup>2</sup> IN THE  
DEPARTMENTS OF:  
• CIVIL, CHEMICAL,  
ENVIRONMENTAL, AND MATERIALS  
ENGINEERING - DICAM  
• AGRICULTURAL AND FOOD  
SCIENCES - DISTAL

# 8. PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL



**8 DECENT WORK AND ECONOMIC GROWTH**

## TEACHING

<b>111</b> COURSE UNITS	<b>10</b> COLLABORATIONS, TEACHING, MOBILITY	<b>6,226</b> STUDENTS WHO CHOSE THE COURSE UNITS

## THIRD MISSION

<b>2</b> COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS
<b>31</b> SPIN OFFS AND START UPS

## RESEARCH

<b>400</b> PUBLICATIONS IN SCOPUS 2013-2018	<b>4,266</b> "CITED BY" IN SCOPUS	<b>32</b>
<b>106</b> PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	<b>118</b> PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	<b>6</b> RESEARCH PROJECTS (1,553,701 €)

## ENGAGEMENT IN ACADEMIC ENTREPRENEURSHIP

**Academic entrepreneurship** refers to the interaction between university, industry, markets and society at large and encompasses different channels (patents, licenses, university-industry collaborations, academic consulting and new venture creation) through which the output of academic research can be conveyed to the market.

The actions to support academic entrepreneurship can be grouped according to five main conceptual dimensions, representing five pillars on which the University's strategy builds:

- **inspiring and raising awareness;**
- **scouting of Ideas;**
- **pre-incubating services;**
- **incubating;**
- **accelerating and enabling growth.**

**INSTITUTION**

TEACHING STAFF	Women	Men
Full Professors	177	510
Associate Professors	457	608
Assistant Professors	464	527
Research fellows	604	536
<b>Total</b>	<b>1,702</b>	<b>2,181</b>

TECHNICAL-ADMINISTRATIVE STAFF	Women	Men
Heads of administrative divisions	7	8
Technical-Administrative staff	1,897	982
Language assistants	55	16
Farm workers	0	6
<b>Total</b>	<b>1,959</b>	<b>1,012</b>

TRAINING ON HEALTH AND SAFETY IN WORKPLACES	No.
Training initiatives	130
Participants	5,378
Training hours	27,787

**INITIATIVES TO SUPPORT ADMINISTRATIVE STAFF WITH DISABILITIES**

The University pays particular attention to people with disabilities or in situations of personal hardship, to whom specific initiatives aimed at inclusion are promoted. Among these initiatives there is the creation of the **Mobility and Labor Protection Office** which aims to promote targeted placement throughout the working life.

This is accompanied by a widespread policy of sensitization of working contexts and the creation of a collaboration network both within and outside the University. Finally, the office provides for the mandatory obligations according to the provisions of the current legislation on the right to work of persons with disabilities.

**CUG AND CONFIDENTIAL COUNSELLOR**

The University of Bologna combats all forms of discrimination in particular through a Committee, called **CUG "Guarantee Committee for Equal Opportunities, Employee Well-being and non Discrimination at Work"**, and through a **Confidential Counsellor**.

The **CUG** has propositional, consultative and monitoring functions, fostering the dissemination of a culture of equal opportunities, ensuring well-being and non-discrimination at work, within the competences laid down in article 14 of the University Statute. It uses the University services dedicated to the promotion of well-being at work, operating in collaboration with the University Confidential Counsellor.

The **Confidential Counsellor** appointed by the Rector, is a super partes expert called on to prevent, manage and intervene in cases of harassment, mobbing and other forms of discrimination.



# 9. BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION



## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

### RESEARCH



### INTERDEPARTMENTAL CENTRES FOR INDUSTRIAL RESEARCH - CIRI



**TEACHING**



**225**  
COURSE UNITS



**12,939**  
STUDENTS WHO  
CHOSE THE  
COURSE UNITS



**4**  
COLLABORATIONS,  
TEACHING, MOBILITY



**18,272,025 €**  
TOTAL INVESTMENT  
FOR PHD STUDENTS

**THIRD MISSION**



**8**  
FRAMEWORK  
COLLABORATION  
AGREEMENTS  
WITH INDUSTRY  
(STRATEGIC  
PARTNERSHIPS)



**5.673.407 €**  
CONTRACT  
RESEARCH



**181**  
PATENTS  
(INCLUDING NEW  
PLANT VARIETIES)



**14**  
WORKSHOPS  
WITH INDUSTRY



**1**  
JOINT LAB  
WITH INDUSTRY



**2**  
JOINT EVENTS  
WITH INDUSTRY

**INCUBATORS**

**Innovation Square**

**Innovation Square, CesenaLab and Basement** represent the incubating facilities located within the different campuses of the University of Bologna. They offer incubation, preincubation and idea-scouting services, on top of spaces. Innovation Square is located in Rimini. CesenaLab is located in Cesena and Basement is located in Forlì.

**Cesena Lab**

**Basement**

**AlmaCube**

**AlmaCube** is the incubator and innovative hub of the University of Bologna, founded in March 2013, with the aim of becoming a reference in Italy for the development of startups and spin-offs among universities. At the moment, AlmaCube can count on a vast community of innovators:

- more than 20 Ambassadors who embrace the values of StartUp Day;
- more than 500 participants in monthly events on topics such as technology, sustainable innovation, cultural entrepreneurship, digital innovation and the startup world;
- 30 teams of startupper;
- more than 8,000 participants in all StartUpDay editions;
- more than 100 companies involved.

**ROCK HACKATHON**

The **Bologna ROCK Hackathon** inspired students and young eco-entrepreneurs to tackle the city's sustainability challenges through social business ideas. The Hackathon has been an example of cooperation of many actors of the city of Bologna.

The event brought together a dozen university students and young entrepreneurs, who during a weekend-long (May 26-27) co-creation marathon have raised awareness and boosted collaborative, multi-stakeholder, sustainable networks, founded new solutions for city problems.

**BI-REX**

**BI-REX** is one of the eight Italian Competence Centers and it is led by the University of Bologna. It brings together 57 players, including Universities, Research Centers and Companies. BI-REX will serve companies throughout Italy, providing them with training, advice and guidance in the adoption of enabling technologies developed in over thirty collaborative projects of industrial research innovation and experimental development focused mainly on connectivity, automation, advanced manufacturing and big data.

**INSTITUTION**

**ALMAECLUB**

**AlmaEClub**, launched in 2017, is an open community of the University of Bologna faculty members and scholars from all of the disciplines aimed at spreading entrepreneurial culture within the Alma Mater network.

The club provides participants the chance to:

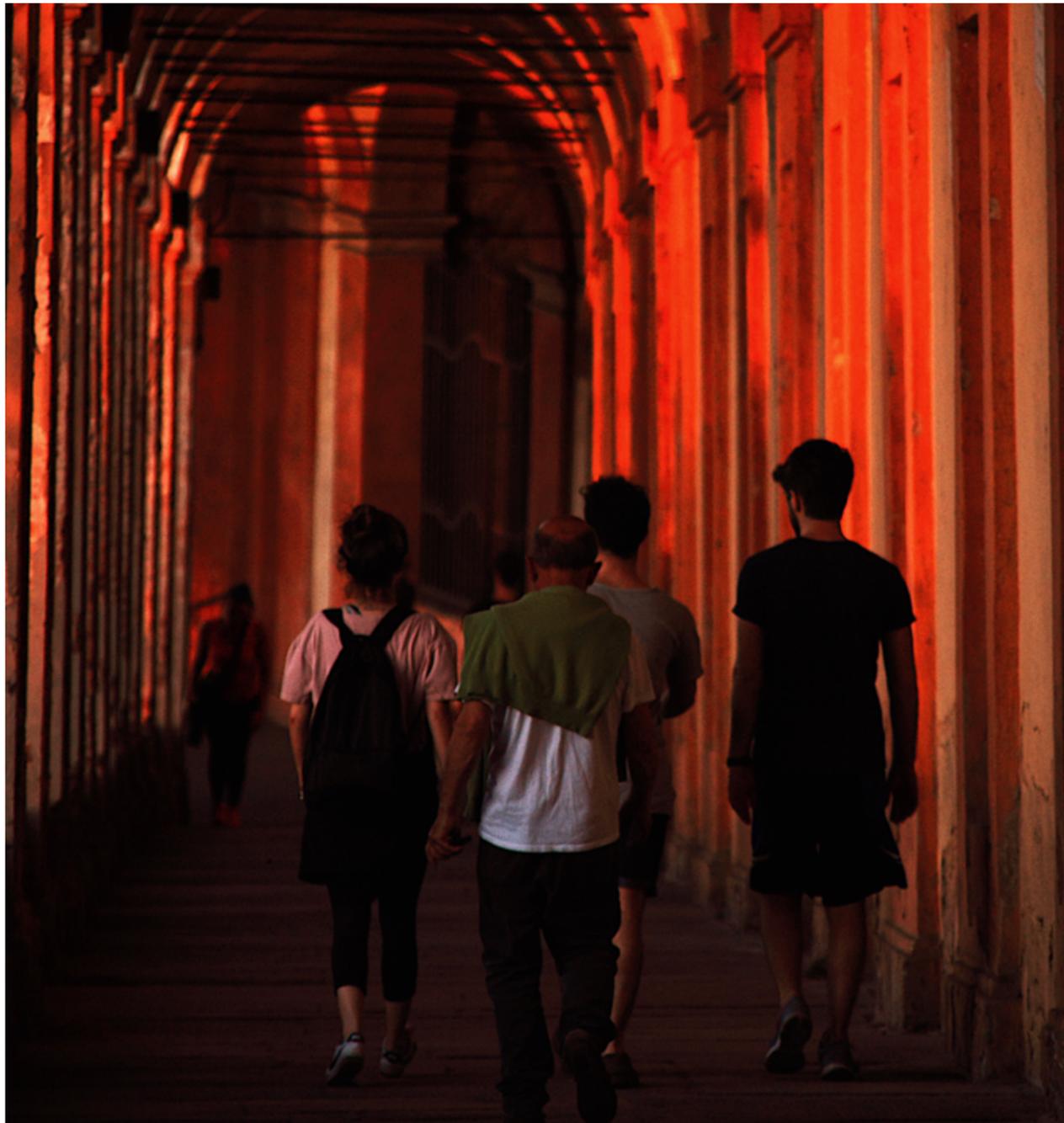
- learn about **entrepreneurship**;
- be **inspired** by speakers, sharing their stories, passions and interests in entrepreneurship;
- **contribute** with ideas and competences to support entrepreneurship in our University.

**ALMACUBE**

**AlmaCube** is structured in 3 **integrated business units**:

- **University Spin-off Unit:** transform the best technological and research projects of the University into companies. The 17 incubated spin-offs obtain easy access to the University facilities, laboratories and know-how of our community, as well as the entire network of Confindustria Emilia Area Centro.
- **Startup Unit:** Every year, about 300 ideas are nominated for StartUp Day, the event organized by the University of Bologna in collaboration with Almacube to promote the growth of youth entrepreneurship that hosts more than 2500 participants. The 30 selected startups enter the incubation program, which begins with a period of training. Afterwards, 10-15 projects are selected and supported by Almacube staff and mentors for 10 weeks. The best startups enter the final phase, during which they are financially supported with 25k € of funding and services, in order to get ready to present them to investors, during the next edition of StartUp Day.
- **Corporate Unit:** 40 students and recent graduates of the University of Bologna work in multidisciplinary teams, to face innovation challenges of companies with which Almacube collaborates. The programmes are part of international networks of universities and research centres such as Stanford and CERN, involving more than 20 universities worldwide.

# 10. REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES



**10 REDUCED INEQUALITIES**

## TEACHING

<b>161</b> COURSE UNITS	<b>16</b> COLLABORATIONS, TEACHING, MOBILITY	<b>12,811</b> STUDENTS WHO CHOSE THE COURSE UNITS

## RESEARCH

<b>1,173</b> PUBLICATIONS IN SCOPUS 2013-2018	<b>22,057</b> "CITED BY" IN SCOPUS	<b>59</b>
<b>108</b> PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	<b>97</b> PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	<b>4</b> RESEARCH PROJECTS (2,419,229 €)

## THIRD MISSION

**8**  
COOPERATION, SOCIAL  
AND INDUSTRY  
ENGAGEMENT  
RESEARCH PROJECTS

**+13,000**  
DOWNLOADS OF  
2017 SOCIAL RESPONSIBILITY  
REPORT THAN 2016

## INSTITUTION

**STUDENT OMBUDSMAN**

The role of the **Student Ombudsman** is to receive reports on dysfunctions and restrictions affecting the rights of students. Students can contact the Ombudsman to report any forms of abuse, dysfunctions, shortfalls, delays, violations of the law or the principles of good administration, failure to respect the values and rules of the **Ethical Code of Behaviour** or the principles and rights of the **University Statute**.

# 11. MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE



**11 SUSTAINABLE CITIES AND COMMUNITIES**

## THIRD MISSION

**2**  
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS

**1,464**  
EVENTS IN ALL CAMPUSES

## TEACHING

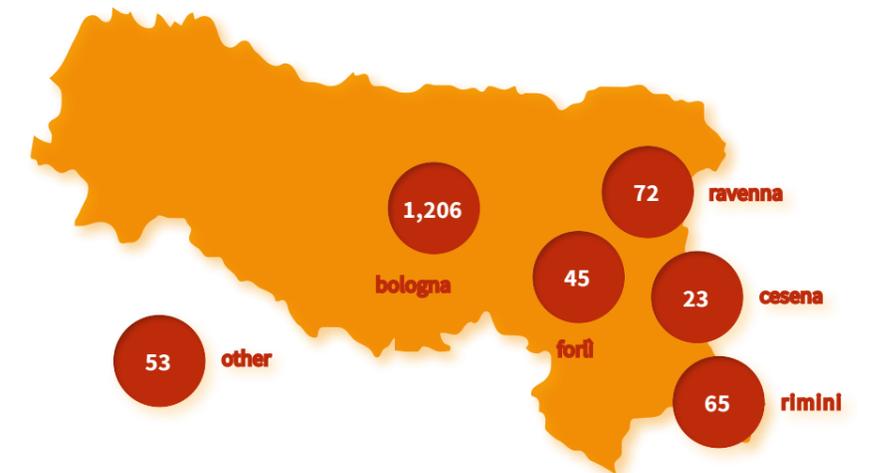
**211**  
COURSE UNITS

**11,060**  
STUDENTS WHO CHOSE THE COURSE UNITS

**6**  
COLLABORATIONS, TEACHING, MOBILITY

**82.2%**  
STUDENTS' SATISFACTION WITH CLASSROOMS

## PUBLIC ENGAGEMENT: EVENTS IN UNIVERSITY CAMPUS CITIES



## RESEARCH

**627**  
PUBLICATIONS IN SCOPUS 2013-2018

**7,431**  
"CITED BY" IN SCOPUS

**38**

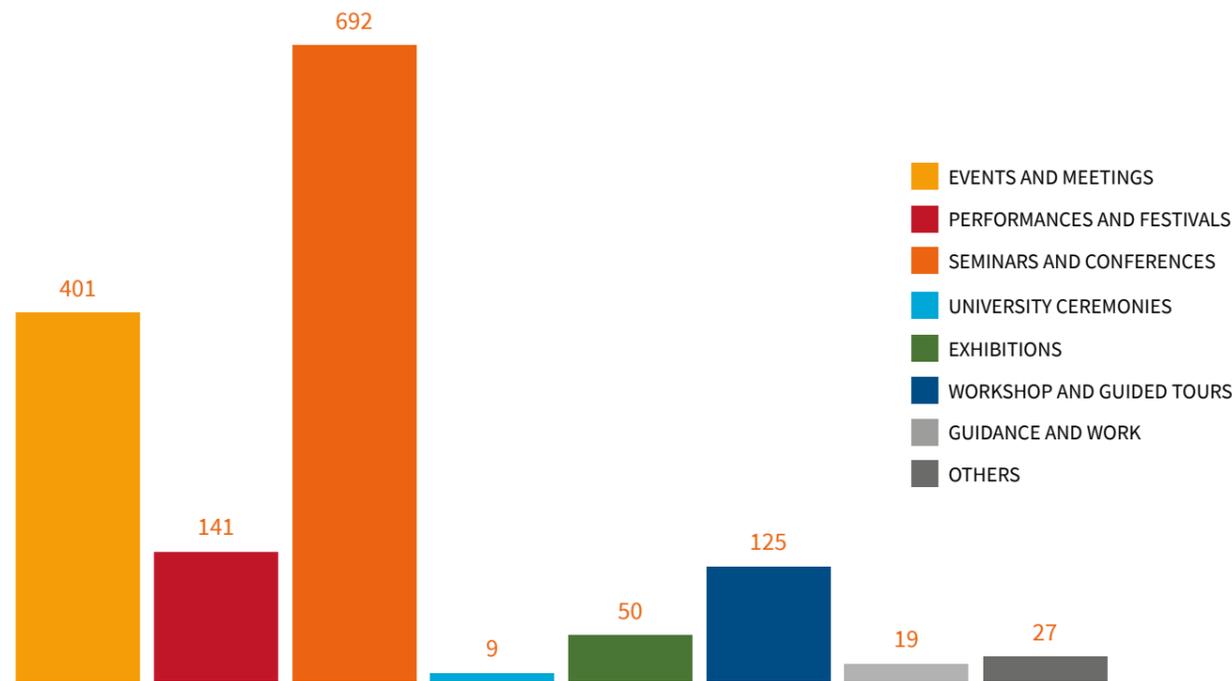
**108**  
PUBS PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK

**102**  
PUBS PER CAPITA INDEX NUMBER NATIONAL BENCHMARK

**15**  
RESEARCH PROJECTS (6,756,226 €)

THIRD MISSION

PUBLIC ENGAGEMENT: EVENTS BY TYPE



14  
UNIVERSITY MUSEUMS



19,000  
HOURS OPENING



139,977  
VISITORS

UNIVERSITY MUSEUM NETWORK

The University of Bologna Museum Network (SMA) brings together the corpus of 14 University Museums and Archives. All the museums are free access, except for the palace of our rectorate “Palazzo Poggi” which includes the UNIVERSITY HISTORICAL LIBRARY (BUB) which can be visited for free. Part of the SMA is also the BOTANIC GARDEN HERBARIUM. This is one of the earliest in Europe, containing collections of dried plants dating from the sixteenth century onwards. The Botanical Garden is about 5 acres in extent, on which more than 5,000 examples of local and exotic plants are growing.

PROMOTE CULTURE AND HERITAGE

- **LIBRARY SYSTEM - SBA:** All SBA users have free access to the libraries and their resources for studying and researching purposes.
- **HISTORICAL ARCHIVE:** the structure of the University dedicated to the conservation and enhancement of its documentary heritage.
- **LA SOFFITTA:** a research center of arts (cinema, music, theater, dance). It organizes performances, workshops and exhibitions all over the year.
- **COLLEGIUM MUSICUM:** university orchestra that involves yearly 300 students, plays 15 concerts equal to 400 hours of music.

INSTITUTION

UNIBOCULTURA

Our University’s mission has always included a fundamental role whereby it promotes cultural events directed firstly at students but also at other kinds of public participation.

**UniboCultura** gathers in one ample programme all the non-specialistic events organised and promoted by the University and its various structures, often in collaboration with other cultural entities – plus institutional and economic actors – from its surrounding community.

EXAMPLES OF RENOVATION

The old church of **Santa Lucia** has been transformed into the **Main Hall of the University**. Also, the renovation of the Rimini Campus, the plan envisages the completion and start-up of the **Tecnopolo** in the former **Slaughterhouse** premises. The plan for the works in Filippo Re-Berti Pichat area also envisages the completion of renovation work on the former **Veneta railway station area**. In Imola it will be adjoined **Osservanza** complex, which was formerly used by the local **Psychiatric Hospital** and is now available for complete transformation.



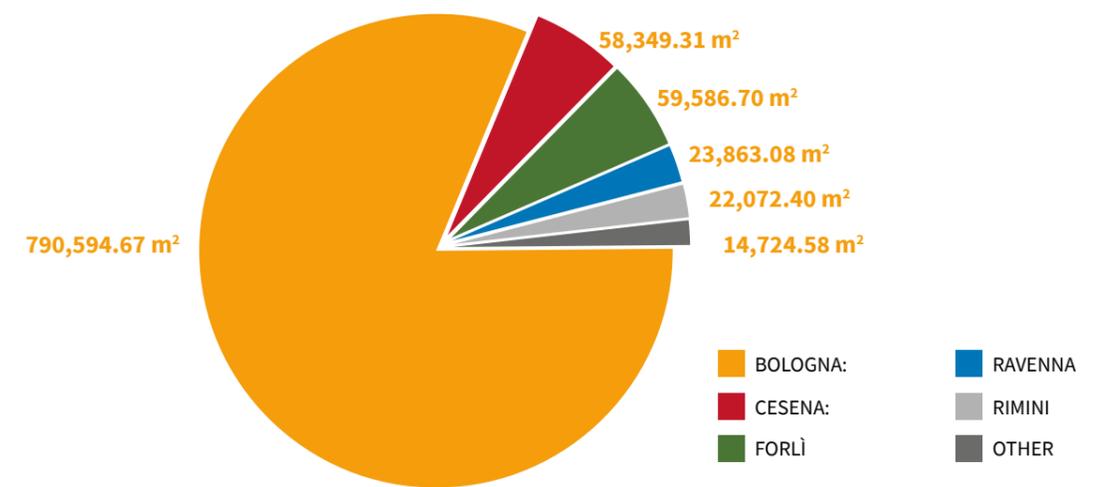
108,189.39  
M<sup>2</sup> OF SMART BUILDINGS



5,328,225  
M<sup>2</sup> OF GREEN AREAS

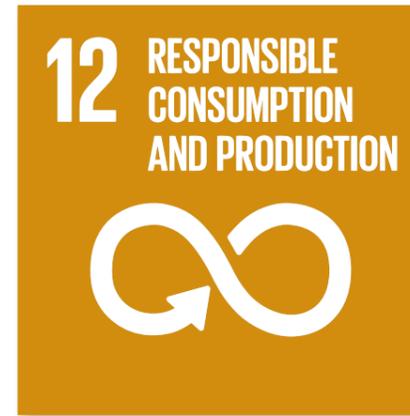
GEOGRAPHICAL DISTRIBUTION OF BUILDINGS

Total 969,190.74 m<sup>2</sup>



Data refer to the indoor surface area of the buildings and do not include outdoor areas.

# 12. ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



## TEACHING



**216**  
COURSE  
UNITS



**12,643**  
STUDENTS WHO  
CHOSE THE  
COURSE UNITS



**1**  
COLLABORATIONS,  
TEACHING, MOBILITY

## RESEARCH



**2,086**  
PUBLICATIONS IN  
SCOPUS 2013-2018



**36,532**  
"CITED BY"  
IN SCOPUS



**67**



**120**  
PUBs PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK



**101**  
PUBs PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK



**14**  
RESEARCH  
PROJECTS  
(4,608,358 €)

## INSTITUTION



**>75%**  
EXTENSIVE RECYCLING PROGRAM  
FOR UNIVERSITY WASTE



**>75%**  
ORGANIC, INORGANIC  
AND TOXIC  
RECYCLED WASTE

# 13. TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS



## TEACHING

- 

**149**  
COURSE UNITS
- 

**8,109**  
STUDENTS WHO  
CHOSE THE COURSE UNITS
- 

**1**  
COLLABORATIONS,  
TEACHING, MOBILITY

## THIRD MISSION

- 

**1**  
COOPERATION, SOCIAL AND  
INDUSTRY ENGAGEMENT  
RESEARCH PROJECTS

## RESEARCH

- 

**220**  
PUBLICATIONS IN  
SCOPUS 2013-2018
- 

**1,909**  
"CITED BY"  
IN SCOPUS
- 

**26**
- 

**75**  
PUBS PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK
- 

**99**  
PUBS PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK
- 

**3**  
RESEARCH  
PROJECTS  
(710,036 €)

## INSTITUTION

- 

**6,333**  
BICYCLES AROUND  
THE UNIVERSITY DAILY
- 

**36,833.14**  
TONS OF CO<sub>2</sub>  
EMISSION
- 

**556.16**  
CARBON FOOTPRINT
- 

**2,558**  
PERSONAL PASSES  
FOR USE OF PUBLIC  
TRANSPORT ON  
FAVORABLE TERMS
- 

**41**  
ELECTRIC CARS IN  
THE UNIVERSITY  
FLEET
- 

**<1%**  
RATIO OF PARKING  
AREA TO TOTAL  
CAMPUS AREA

# 14. CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINES RESOURCES FOR SUSTAINABLE DEVELOPMENT



## TEACHING



**35**  
COURSE  
UNITS



**1,827**  
STUDENTS WHO  
CHOSE THE  
COURSE UNITS



**1**  
COLLABORATIONS,  
TEACHING, MOBILITY

## RESEARCH



**27**  
PUBLICATIONS IN  
SCOPUS 2013-2018



**396**  
"CITED BY"  
IN SCOPUS



**12**



**366**  
PUBs PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK



**389**  
PUBs PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK



**8**  
RESEARCH  
PROJECTS  
(1,588,571 €)

## INSTITUTION

### BLUE GROWTH @ UNIBO

The University of Bologna is one of the founder of **BIG (Blue Italian Growth)**, a new national technology cluster dealing with research, innovation and training, linked to the sustainable development of both traditional and emerging sectors of the marine economy.

# 15. PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS



## TEACHING



**103**  
COURSE  
UNITS



**5,941**  
STUDENTS WHO  
CHOSE THE  
COURSE UNITS

## RESEARCH



**64**  
PUBLICATIONS IN  
SCOPUS 2013-2018



**708**  
"CITED BY"  
IN SCOPUS



**15**



**90**  
PUBS PER CAPITA  
INDEX NUMBER  
INTERNATIONAL  
BENCHMARK



**55**  
PUBS PER CAPITA  
INDEX NUMBER  
NATIONAL  
BENCHMARK



**10**  
RESEARCH  
PROJECTS  
(3,158,273 €)

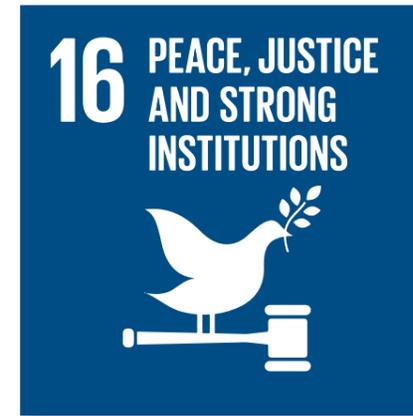
## INSTITUTION

### THE EXPERIMENTAL FARM - AUB

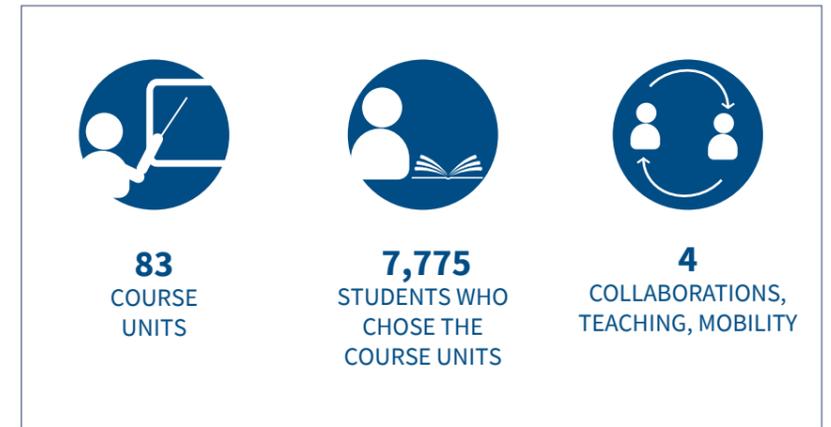
The **University of Bologna Experimental Farm - AUB**, since 1974, support research and experiments conducted by departments of the Agricultural and Food Sciences and Veterinary Medical Sciences. In general, it is an 'observatory' of agriculture and an important training-ground for students.

The **Ozzano Centre** has a teaching cow-house for dairy cattle, geared to experimentation with different feeds and their yield. One section of the Farm is applying an ongoing protocol of organic agriculture. The Farm puts on services to design, implement and maintain areas of greenery throughout the University. It also runs a canteen at the **Cadriano Centre** for teaching and experiment.

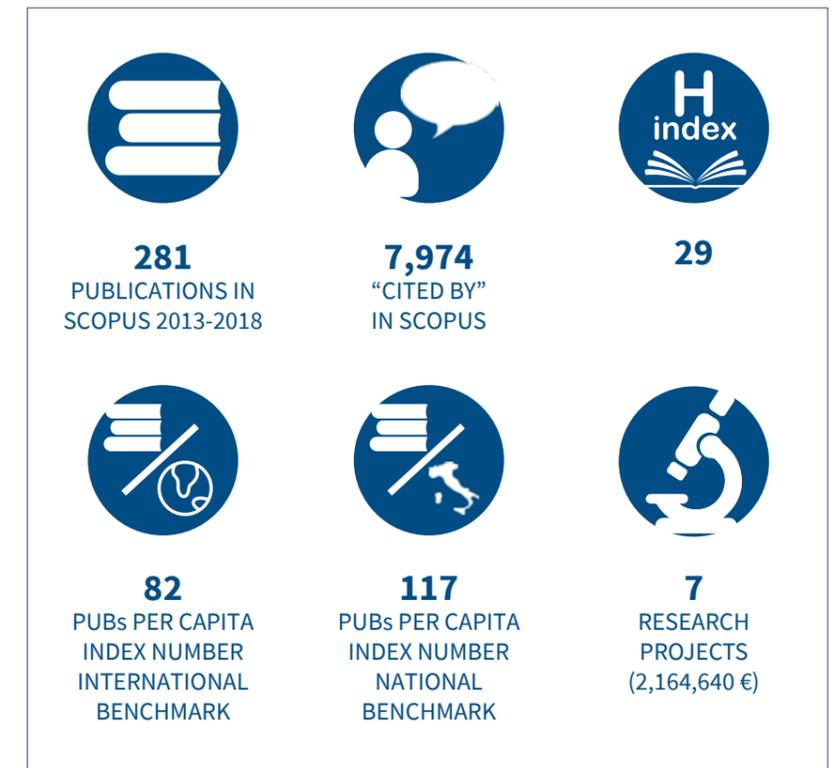
# 16. PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS



## TEACHING



## RESEARCH



## THIRD MISSION



## THE MAGNA CHARTA OBSERVATORY

The University of Bologna widely supports the goals and activities of the **Magna Charta Observatory of Fundamental Values and Rights (MCO)** signed by 889 Universities from 88 countries.

Since 1988, the Magna Charta Observatory is the global guardian of fundamental university values set out in the Magna Charta Universitatum and assists universities and higher education systems to operate effectively in accordance with the values of academic freedom and institutional autonomy as a guideline for good governance and self-understanding of universities in the future.

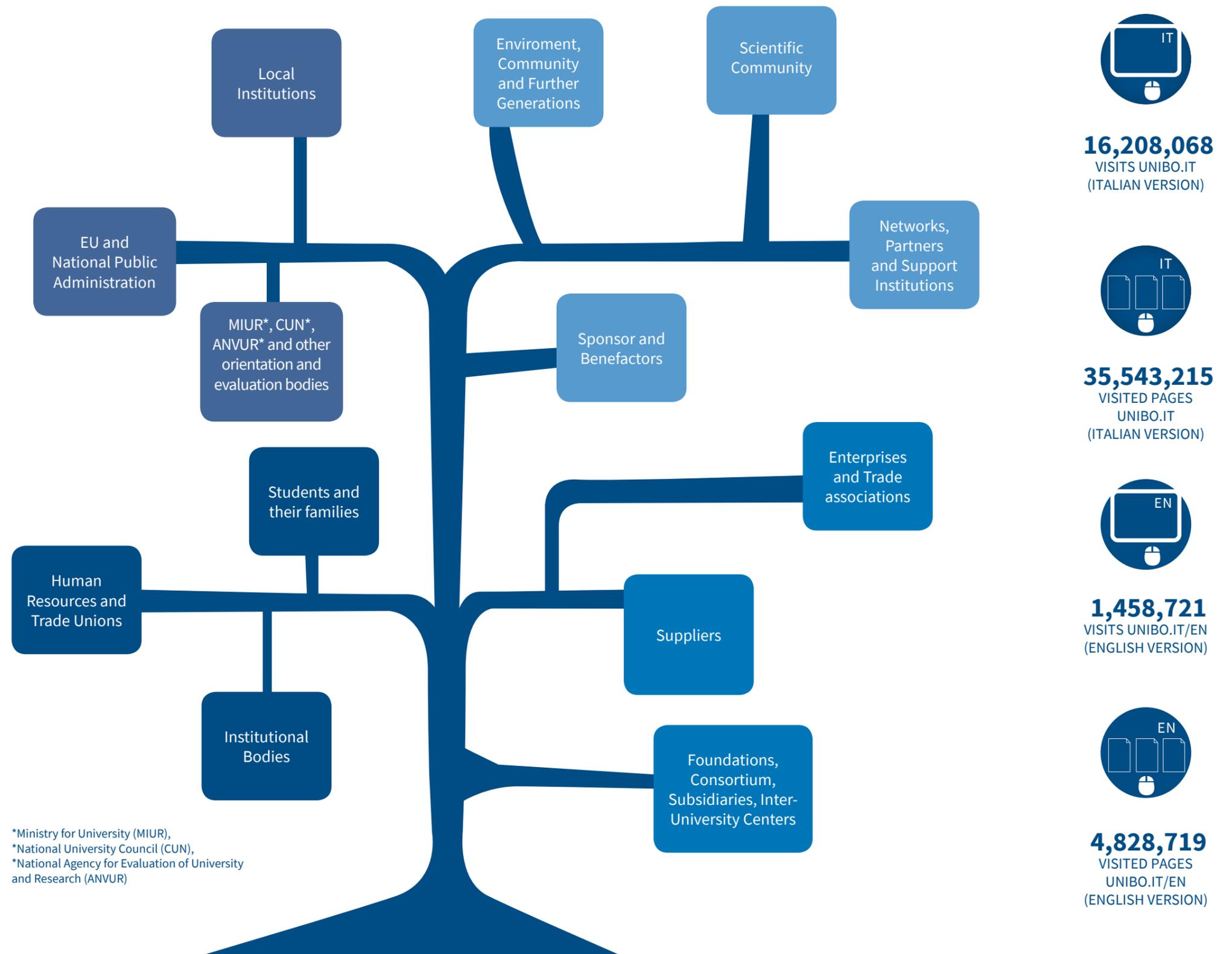
INSTITUTION

STAKEHOLDERS MAP

**INSTITUTIONAL ACCOUNTABILITY AND TRANSPARENCY**

In University of Bologna website all the institutional documents and regulations, including planning and reporting documents are accessible and available.

Also, the University of Bologna has signed the **Berlin Declaration** on open access to knowledge in the Sciences and Humanities.



\*Ministry for University (MIUR),  
 \*National University Council (CUN),  
 \*National Agency for Evaluation of University and Research (ANVUR)

# 17. STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT

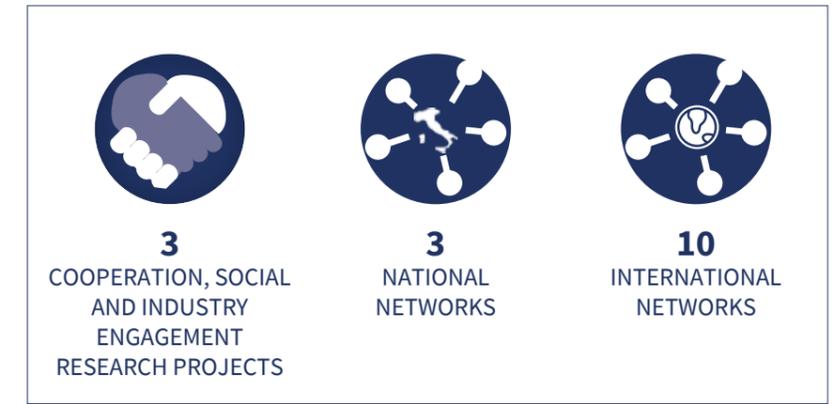


## 17 PARTNERSHIPS FOR THE GOALS

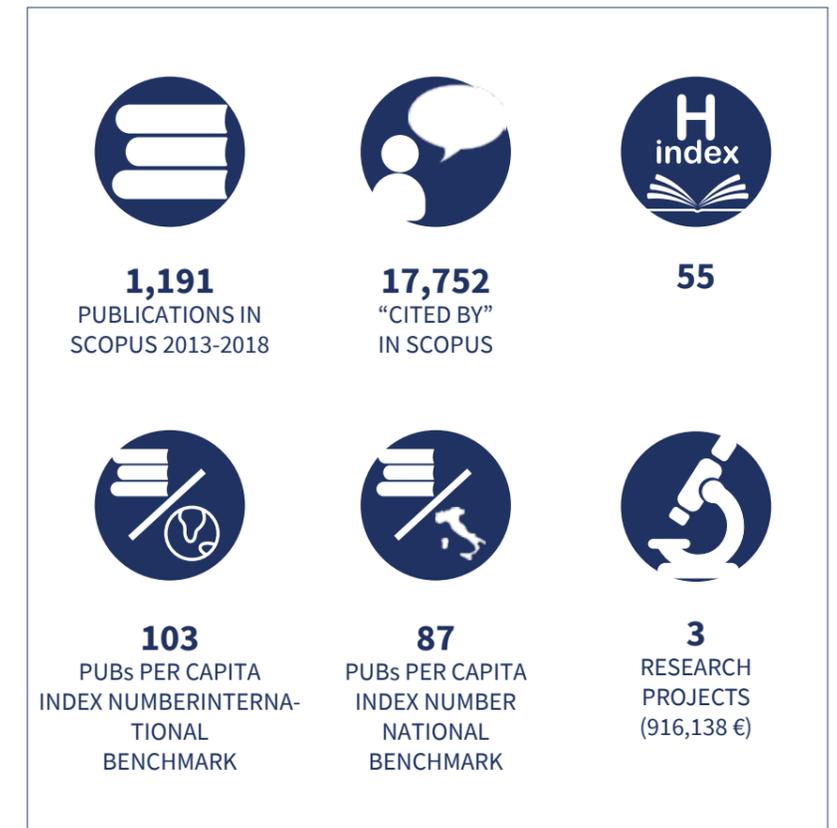
### TEACHING



### THIRD MISSION



### RESEARCH



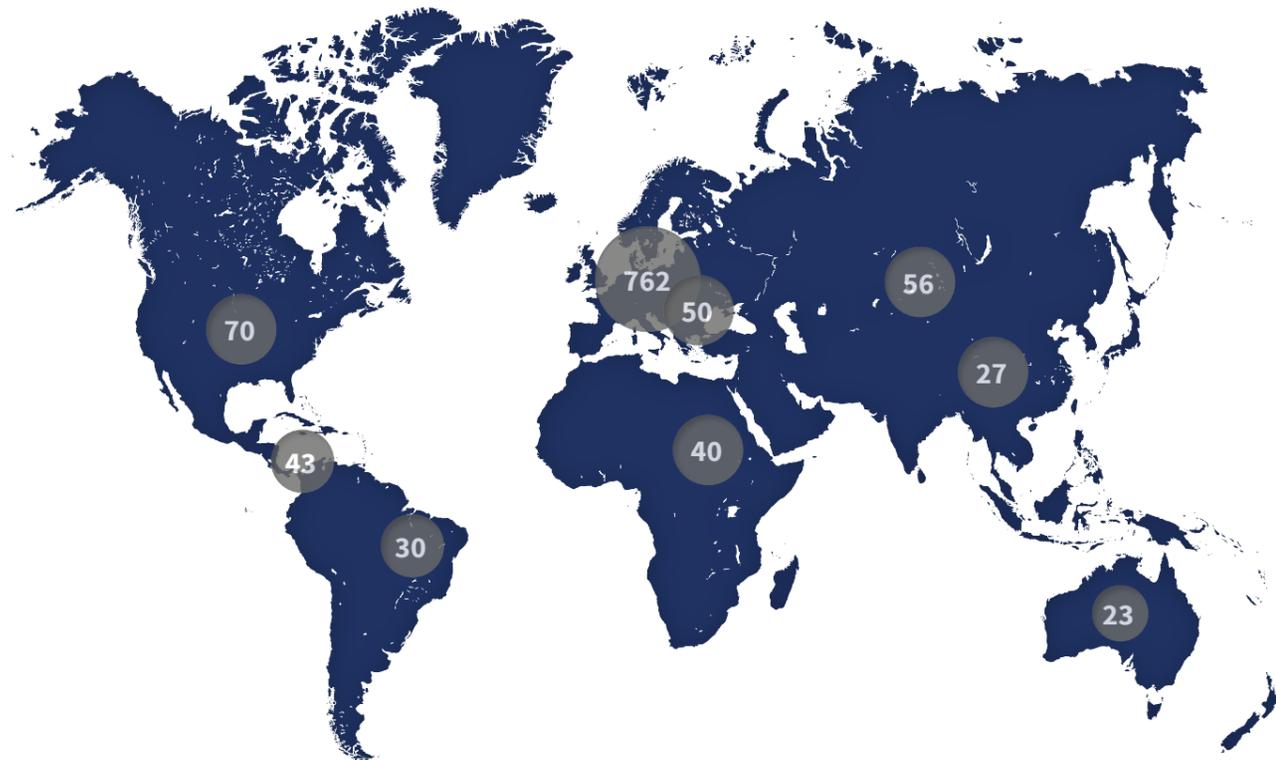
### EUROPEAN UNIVERSITIES INITIATIVES

The aim behind this European Commission initiative is to bring together a new generation of creative Europeans, who are able to cooperate across languages, borders and disciplines to address the big societal challenges and skills shortages that Europe faces.

- These initiatives are:
- [UNA Europa - European University Alliance](#)
  - [European Bioeconomy University: international alliance with focus on bioeconomy](#)

**THIRD MISSION**

**No. OF DEVELOPMENT COOPERATION INITIATIVES**



**ALMAENGAGE**

**AlmaEngage** is a virtual structure for coordinating development cooperation activities within the University of Bologna at a local and an international level. It is part of a broader process in which universities are opening up to the outside world and actively engaging in social and public issues, sharing the transferring knowledge to the benefit of society.

This project aims to promote and put in place any initiatives in order to sensitize and stimulate academic and non-academic stakeholders on the themes of development cooperation. Through AlmaEngage, the University of Bologna has collaborated with international NGOs to identify opportunities for student mobility within development cooperation projects.

In particular, the Field Work international mobility program is a new opportunity for students of spending a period with NGOs (organized non-governmental) or other subjects active in development cooperation, carrying out “on the field” activities in developing countries and emerging countries where these NGOs or other related bodies.

**INTERNATIONAL NETWORKS FOR SDGS**

The University of Bologna takes part into a series of international university networks that share the task of promoting cooperative activities in diverse fields and seek to create a communal area of higher education and research and to follow the objectives of the Agenda 2030. These are:

- [Coimbra Group](#)
- [IAU - International Association of Universities](#)
- [Scholar at Risk](#)

**NATIONAL NETWORKS FOR SDGS**

The University of Bologna is also member of various national networks that promotes Sustainable Development and Cooperation. These movements pursue the 17 SDGs:

- [RUS - Italian University Network for Sustainable Development](#)
- [ASviS - Italian Alliance for Sustainable Development](#)
- [CUCS - University Coordination for Development Cooperation](#)

**MEMORANDUM OF UNDERSTANDING FOR AFRICA**

The University of Bologna, Politecnico of Milan, University of Napoli - Federico II, University of Padova, Sapienza - University of Roma collaborate for the realization of an active and lasting collaboration in order to pursue excellent results in the fields of applied university training and experiential learning and to strengthen the higher education in the African continent.

The main objectives of this protocol are:

- to contribute, in a concrete way, to the formation of scientific and professional competences in areas of strategic importance for the objectives of sustainable development and for the Agenda 2063 of the African Union;
- to foster the strengthening of the teaching and scientific research capacities of the African academic community;
- to consolidate the technical-scientific collaboration relations with the universities, starting from the institutions of the countries of the Horn of Africa to involve, in perspective, also the other regions of Africa.

**INSTITUTION**

**FIRST UNIVERSITY FOR ERASMUS+ STUDENTS MOBILITY IN EUROPE**  
SOURCE INDIRE 2018



**1,970**  
INCOMING

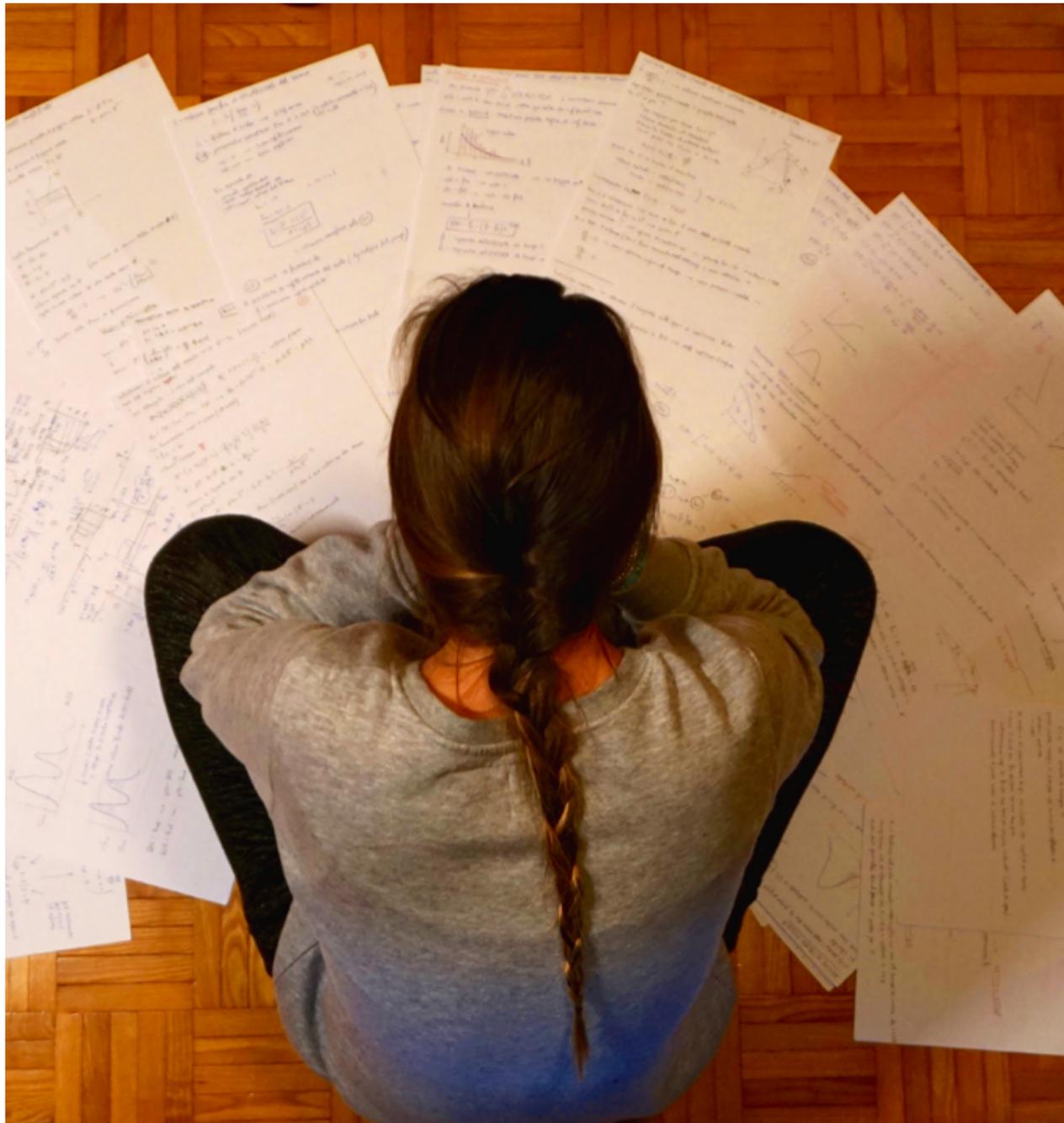


**2,787**  
OUTGOING

**UNI-CO-RE**

**UNiversity Corridors for REFugees** (Ethiopia-Unibo 2019-21). The initiative is created to allow refugee students from Ethiopia to continue their academic career at the University of Bologna. The project is promoted by the Alma Mater and UNHCR Italy - UN Agency for Refugees and carried out thanks to the support of: Italian Ministry of Foreign Affairs and International Cooperation, Archdiocese of Bologna, Caritas Italiana, ER.GO - Regional Board for the Right to Higher Studies of Emilia-Romagna, Federmanager Bologna - Ravenna, Gandhi Charity, Manageritalia Emilia Romagna, Next Generation Italy.

# METHODOLOGICAL NOTE



This document presents the methodological approach used to define the direct and indirect impact of the university's activities in their four dimensions - teaching, research, third mission and institution - in order to measure their contribution to the advancement of the United Nations 2030 Agenda.

This document was formulated by the Scientific and Technical Committee for Social Reporting at the University of Bologna from April 2019 to July 2019. The data presented herein refers to 2018, as well as A.Y. 2018/19 for training data.

The report presents the key figures of the University of Bologna, followed by **17 sections**, each one dedicated to an SDG, reporting the impact generated by the University through its diversified activities. In particular, each Goal is reported in relation to the **four dimensions** of activities carried out at the University of Bologna (teaching, research, third mission and institution) using a set of metrics formulated to match and integrate with the institutional documents of the University of Bologna.

Data comes mainly from the University Data Warehouse, a database powered by the Alma Mater Studiorum's management systems, also drawing upon ad hoc surveys by the coordinators of the study programme, content analysis of research projects and cooperation programmes and SCOPUS queries.

Every year we improve this report, especially on the methodological process which aims to be shared and become a statement of intent and responsibility that can be adopted by universities to achieve the values of the 2030 Agenda.

This year the committee made an important effort for the improvement of the quality of data. For this reason some data can differ significantly from the trends of the last reports.

In the next pages, a description of how certain metrics were quantified in the document.



**PUBLICATIONS IN SCOPUS**

Research regarding the number of publications was taken from the Scopus database, considering all articles from 2013-2018 which contain a specific sequence of keywords and an author affiliated with University of Bologna. Keywords were chosen for each SDG by considering the general declaration of the goals and all targets of each goal. Each year we are trying to improve our methodology in order to present data as coherent as possible. Therefore, any relevant difference between the years may due to the new sets of keywords and algorithm.



**“CITED BY” IN SCOPUS**

The number of documents that have cited the author for a document’s publication in DB Scopus.



**H-INDEX**

The h-index was developed by the physician Jorge Eduardo Hirsh and counts the highest number of papers having at least the same number of citations. It express an easy to read 1:1 relationship between publishing articles and citations. In the bibliometric sectors is widely used to measure the impact in terms of scientific output of a researcher. Here is used to measure the scientific output of the University of Bologna, using the keywords’ clusters, extracted from each SDG, to contain and limit its topics and objectives.



**FP7, H2020, LIFE, INTERREG RESEARCH PROJECTS**

The number of FP7, H2020, LIFE, INTERREG, research projects active on 2018.



**INTERNATIONAL BENCHMARKING**

Benchmarking includes universities within the top 10 European Universities ranked in QS World Universities Ranking 2020 published on [www.topuniversities.com](http://www.topuniversities.com) comparable to the University of Bologna in terms of:

- Size (XL - more than 30,000 students)
- Focus (FC - all 5 QS faculty areas, including the school of medicine)
- Research Intensity (Very High - more than 13,000 publications in the last 5 years)
- Status (Public)

Using the above parameters, the field was narrowed to 10 universities:

UCL (University College London)	UK
University of Edinburgh	UK
The University of Manchester	UK
Ludwig-Maximilians-Universität München	DE
University of Copenhagen	DK
Sorbonne University	FR
Katholieke Universiteit Leuven	BE
University of Leeds	UK
University of Nottingham	UK
Leiden University	NL

The total number of articles was determined as described in “PUBLICATIONS IN SCOPUS”. The total number of articles for each university and each goal was scaled against the number of academic staff as listed by QS for the World University Ranking 2020. By doing so, we eliminated any dimensional effect caused by simply considering the total number of publications. Finally, for each goal we compared the University of Bologna’s ratio with the average of the ratios for the 10 universities in the benchmark group. The result is the index number “benchmark = 100”; an index number higher than 100 means that “per capita publications” by UNIBO academics is higher than the average of the universities in the international benchmark group. If the index is lower than 100, UNIBO academic productivity is lower than the benchmark.



**NATIONAL BENCHMARKING**

Following the parameters used for the selection of the international benchmarking, three Italian universities were selected from the first 400 in the QS World Universities Ranking 2018/2019.

UNIVERSITÀ DEGLI STUDI DI PADOVA (UNIPD)

SAPIENZA - UNIVERSITÀ DI ROMA (UNIROMA1)

UNIVERSITÀ DEGLI STUDI DI MILANO (UNIMI)

UNIVERSITÀ DEGLI STUDI DI PISA (UNIFI)

The Scopus research criteria and the index number calculation criteria were the same as that of international benchmarking.



**COURSE UNITS**

This data came from a survey investigating the link between the single course unit of a study programme and the U.N. Sustainable Development Goals. The survey was conducted asking to all teachers the link for each their course units using a web procedure. More than 95% of course units of the A.Y 2018/2019 has a link with at least a SDG.



**STUDENTS**

The number of students attending a course unit “tagged” for that SD Goal in A.Y. 2018/2019.



**COLLABORATIONS, TEACHING, MOBILITY**

The number of collaboration, teaching and mobility projects which were active in 2018.



**COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS**

The number of cooperation, social and industry engagement projects active in 2018.



**PATENTS (INCLUDING NEW PLANT VARIETIES)**

The number of active patents and vegetal varieties registered in 2018 by the university (both ownership and co-ownership), including their various international extensions.



**GLASS CEILING INDEX**

The Glass Ceiling index is the ratio between the share of women in the teaching staff (level A + level B + level C) and the share of women in the role of full professor (level A). The value of this index can vary from 0 to infinity. An index value of 1 indicates that there is no difference between women and men in terms of the probability of reaching the maximum career level (full professor); an index value lower than 1 means that the share of women in the maximum achievable role (full professor) is higher than their average presence among all teaching staff (level A + level B + level C); an index value higher than one indicates the presence of a “glass ceiling effect”, with women less represented in top positions (level A) than in the overall teaching staff (level A + level B + level C). In general, the greater the value assumed above one on the Glass Ceiling index, the stronger the glass ceiling, and the harder it is for women to take on leading roles within academia. See EU – Directorate-General for Research and Innovation (2016), **She Figures 2015**, European Commission, Brussels, p. 137.



**UNIVERSITY-INDUSTRY FRAMEWORK COLLABORATION AGREEMENTS**

The Framework (Collaboration) Agreement represents the strategic engagement tool that allows the University of Bologna to strengthen long terms and trustful relations with industry.

This Agreement is based on a joint approach, where both the University and the industry share and develop collaborations across disciplines and programs, in order to increase results and avoid fragmentation within the institution.

The University of Bologna has developed an internal support unit to coordinate such activities and to foster new collaborative actions with industry partners.



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

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## CONTACTS AND FURTHER INFORMATION

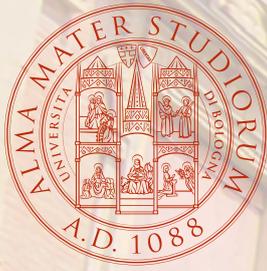
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**We are all, but we are ONE**





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