




ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

REPORT ON U.N. SUSTAINABLE DEVELOPMENT GOALS | 2019

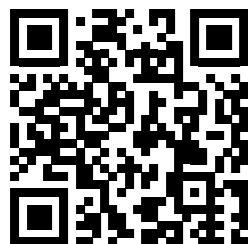


This document was created in order to redirect the readers to AlmaGOALS website for more information and further details.

The title of the boxes, title of sections, banners, icons of the SDGs are clickable and they address specific pages and projects. Follow the symbol 

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 drawn up by:

Alma Mater Studiorum - Università di Bologna

AlmaGOALS - Communication Unit

Finance and Subsidiaries Division - Evaluation and Strategic Planning Unit

Editing and graphic design:

Alma Mater Studiorum - Università di Bologna

Industrial Relations, Third Mission and Communication Division -

Communication Unit

Photos:

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and

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INTRODUCTION



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: 6TH

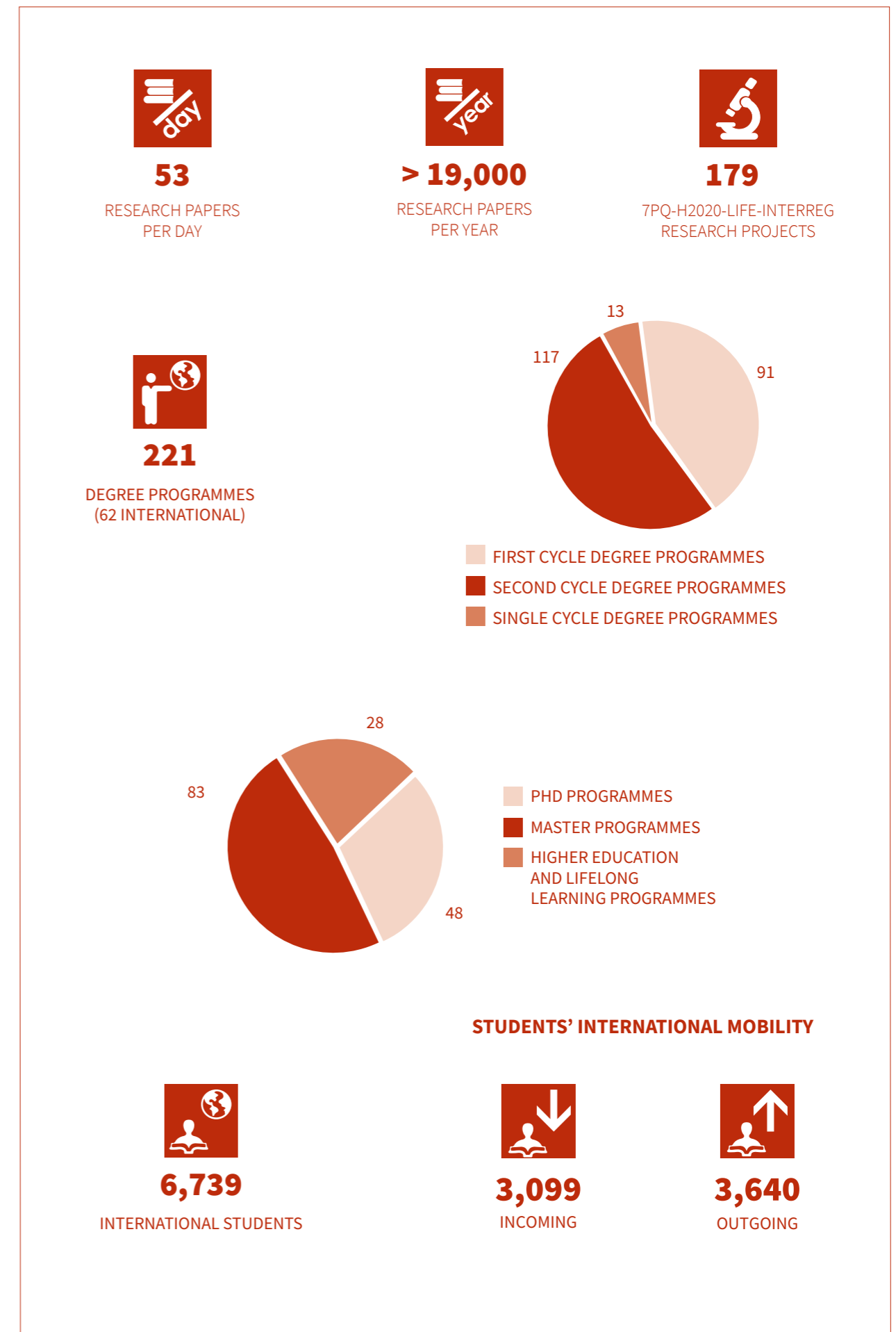
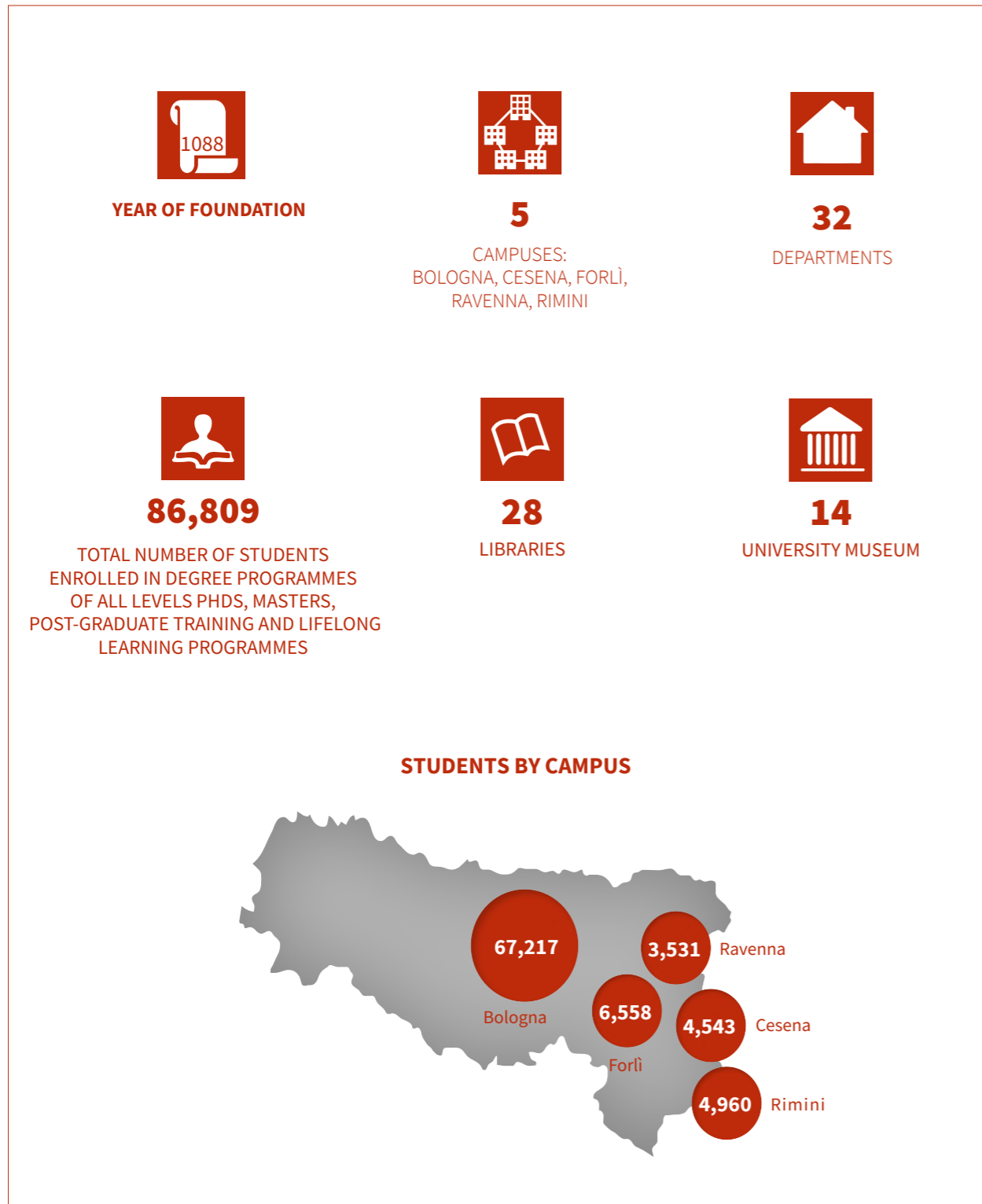
The University of Bologna is so proud that its efforts towards the SDGs have been certified by **Times Higher Education**.

In 2019, it was ranked as 6th in the World, among more than 500 universities. This ranking is the only global performance table that assesses universities against the United Nations' Sustainable Development Goals.

More in details the University of Bologna is:

- 4th for No Poverty
- 23rd for Good Health and Well-being
- 21st Quality Education
- 4th for Gender Equality
- 4th for Decent Work and Economic Growth
- 38th for Industry, Innovation, and Infrastructure
- 10th for Reduced Inequalities
- 73rd Sustainable Cities and Communities
- 3rd for Peace, Justice and strong institutions
- 21st for Partnerships for the Goals.

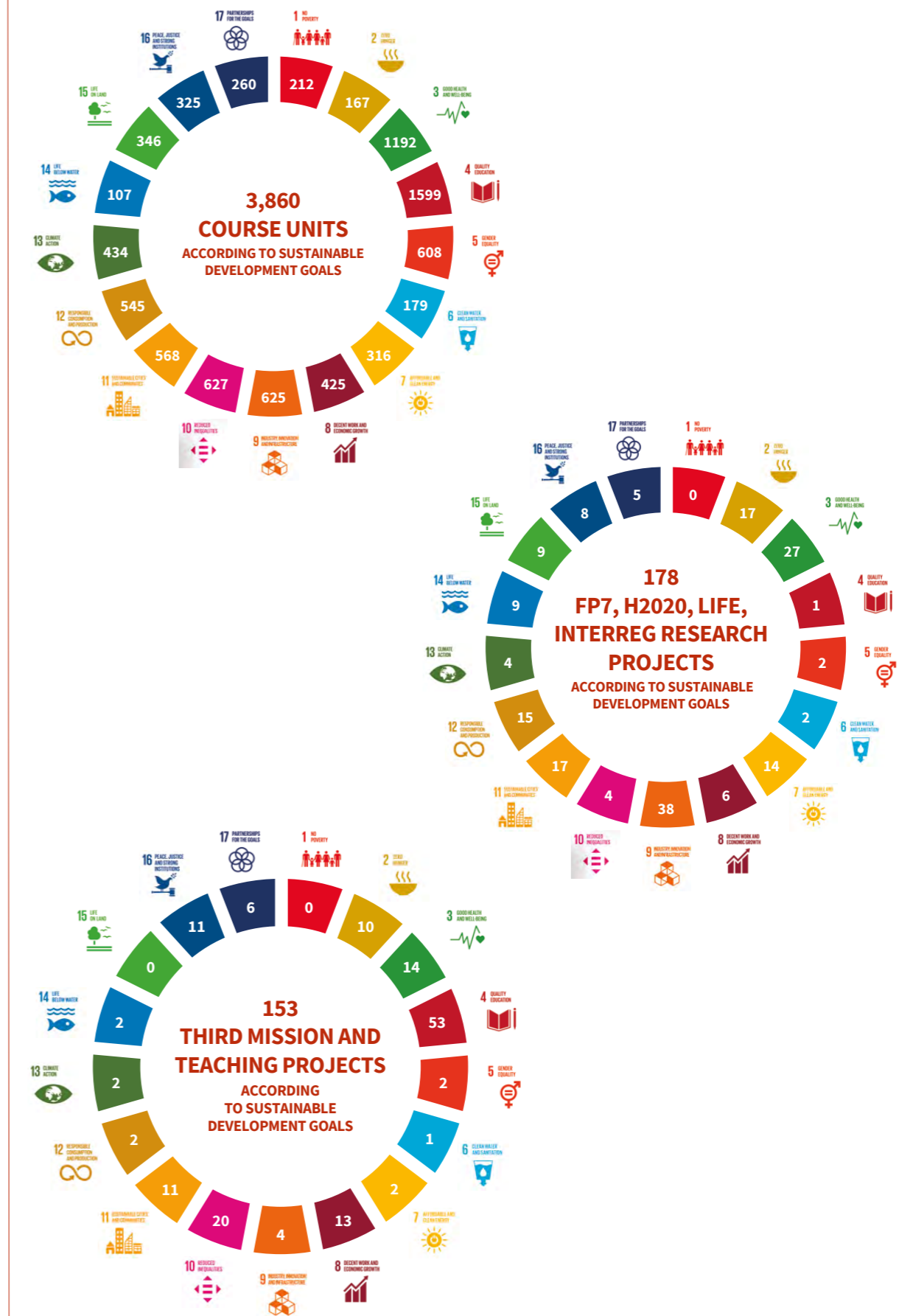
ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA KEY FACTS



ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA U.N. SDGS HIGHLIGHTS






SDGS RELATED COURSE UNITS









1. END POVERTY IN ALL ITS FORMS EVERYWHERE






TEACHING 

 212 COURSE UNITS	 17,182 STUDENTS WHO CHOSE THE COURSE UNITS
---	---

RESEARCH 

 PUBLICATIONS IN SCOPUS 2014-2019 483 (UNIBO) 12 (ELSEVIER)	 "CITED BY" IN SCOPUS 19,827 (UNIBO) 88 (ELSEVIER)	 H INDEX 40 (UNIBO) 6 (ELSEVIER)
 71 PUBS PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	 98 PUBS PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	

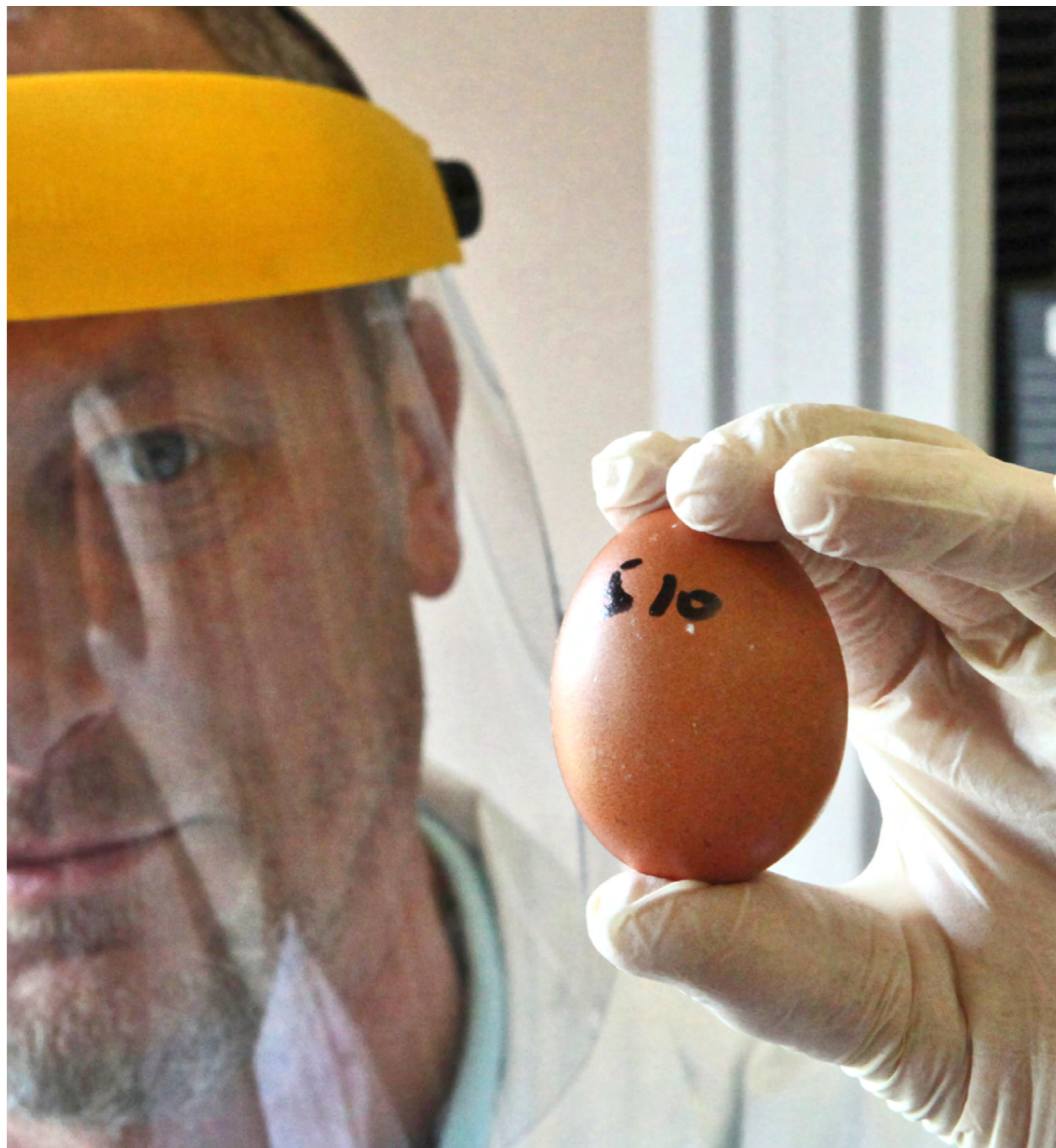
THIRD MISSION 

 **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. Through this action, 14 asylum seekers from different countries registered in single learning activities and 11 refugees enrolled in degree programmes for the Academic year 2019/2020. Most of these students come from Sub Saharan Africa, some others come from Pakistan, Mongolia, Syria, Ukraine



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



TEACHING

167	10,962	10
COURSE UNITS	STUDENTS WHO CHOSE THE COURSE UNITS	COLLABORATIONS, TEACHING, MOBILITY

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
546 (UNIBO)	7,835 (UNIBO)	37 (UNIBO)
196 (ELSEVIER)	2,128 (ELSEVIER)	27 (ELSEVIER)
94	101	17
PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	RESEARCH PROJECTS (6,616,558 €)

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

THIRD MISSION

2
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS

INSTITUTION

265
TEACHING STAFF

194
TECHNICAL STAFF

TEACHING

1,192
COURSE UNITS

86,813
STUDENTS WHO CHOSE THE COURSE UNITS

11,420
STUDENTS OF HEALTH DEGREES

12
COLLABORATIONS, TEACHING, MOBILITY

RESEARCH

8,095 (UNIBO)
5,913 (ELSEVIER)
PUBLICATIONS IN SCOPUS 2014-2019

165,303 (UNIBO)
110,107 (ELSEVIER)
"CITED BY" IN SCOPUS

142 (UNIBO)
111 (ELSEVIER)
H INDEX

27
RESEARCH PROJECTS (10,813,659 €)

42
PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK

73
PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK

THIRD MISSION

LOCAL COLLABORATION **Rizzoli Hospital**

The Rizzoli Orthopaedic Institute comprises treatment and research with a 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, with particular attention to the younger guests.

Sant'Orsola-Malpighi Hospital

The Bologna University Hospital Authority St. Orsola-Malpighi Polyclinic develops and delivers multi-specialist research, education and training in an integrative manner. The Hospital promotes innovation and pursues the highest degree of both patient/customer care and the training of medical students, as well as expanding the full potential of its skilled staff through goal sharing and assuming responsibility for any results.

Institute of Neurological Sciences

Our 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.

INSTITUTION

HEALTHCARE SERVICES **Podiatric clinic**

The University of Bologna's Outpatient Clinic for Podiatry provides the public with a complete range of services, with a high standard of assistance, for the well-being and health of the foot and provides podiatry services at reduced rates. 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.

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, and is free of charge for students of the University of Bologna and for all young people aged between 18 and 28 years who use the health service in Bologna.

For the 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.

Free mental health support for students: The initiative is managed by a psychologist and psychotherapist. At the end of the counselling/intervention process, no report or certification will be issued to the user.

INSTITUTION

EXCELLENCE UNITS 

The **Paediatric and Evolutionary Cardiac Surgery Unit** is part of the Cardiothoracovascular Department, in which it is the only accredited centre in the Emilia-Romagna region for the surgical treatment of congenital heart disease. The activity performed consists in the treatment of all congenital heart diseases in patients of any age. This unit has been designated as the reference centre of the Emilia Romagna Region for the surgical treatment of congenital heart diseases.

Haematology Institute and DIMES

Istituto di Ematologia Lorenzo e Ariosto Seràgnoli and the Dipartimento di Medicina Specialistica Diagnostica e Sperimentale (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.

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 psychosocial-cultural needs; first assistance and/or orientation actions.

SEXUAL DISEASES 

Our students can have a free access to the "**Sexually Transmitted Disease Center**" of our University hospital. Pathologies treated and service provided: Specialist visits and treatment

of sexually transmitted diseases and genital localization diseases, information, education, prevention and counselling (also psychological).

CUSB 

Our students have free access to sports facilities managed by the **Bologna University Sports Center**. Also for local schools it is possible to access to the facilities at no charge during the free events/projects dedicated to them. For the local community, only the access to the garden and to the refreshment areas is free of charge. Fee-based access to sports facilities managed by the Bologna

University Sports Center: facilities, sports courses (competitive, non-competitive, amateur sports) 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.

OUTRACE 

In order to enhance outdoor spaces as necessary elements to increase the quality of life in university spaces and to promote a correct lifestyle, **Outrace sports equipment** was inaugurated in 2019 at the Campus of Forlì in the framework of the Sustainable

Multicampus Project. The structure can be used by the University Community and citizens to carry out gymnastic activities, it also fits harmoniously into the context of the campus park.

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



TEACHING



1,599
COURSE UNITS



43
COLLABORATIONS,
TEACHING, MOBILITY



130,023
ALL STUDENTS



3,860
ALL COURSE UNITS
RELATED TO SDGS

PARAMETERS FOR QUALITY EDUCATION

STUDENT ATTRACTIVENESS

Students enrolled in Second cycle degree programmes (from other universities)	9,833
Incoming exchange students	3,099
International students (UE and Extra-UE)	7.8%

SOCIAL INCLUSION

Value of scholarships (merit and status based)	13,083,614 €
Students followed by the Service for disabled	
Enrolled University students by gender (first, second and single cycle degrees)	37,427 M 46,500 F

PROGRAMMES OFFERED AND MAIN RESULTS

Degree programmes	221
Degree programmes taught in English	354
Masters' programmes and post-graduate/lifelong learning programmes	111
Courses with at least three quarters of students satisfied with the course	77.8 %
Graduates	19,119
Graduates within regular enrollment	67%

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 aims provider 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 views 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)**.

RESEARCH 



PUBLICATIONS IN SCOPUS 2014-2019

83 (UNIBO)
16 (ELSEVIER)



"CITED BY" IN SCOPUS

425 (UNIBO)
103 (ELSEVIER)



H INDEX

10 (UNIBO)
6 (ELSEVIER)



53
PUBS PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK



77
PUBS PER CAPITA INDEX NUMBER NATIONAL BENCHMARK



1
RESEARCH PROJECTS (126,565 €)

RESEARCH PRODUCTS 2019	No.
Articles	6,830
Chapters	1,891
Books	438
Proceedings	1,495
Translations	59
Patents/licences	207
Other	131
Total	11,051

THIRD MISSION 



10
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS



2,249
STUDENTS ON LIFELONG LEARNING PROGRAMMES



225
TEACHERS ON LIFELONG LEARNING PROGRAMMES IN EDUCATION STUDIES

GUIDANCE (CURRENT AND OUTGOING STUDENTS)	No.
Curricular internships	21,626
Abroad curricular internships	1,100
Career Days participants	2,688
Job Days (School of Agriculture and veterinary Medicine) participants	1,210
Job Placement service: no. of participants to Companies presentations	1,063
No. of beneficiaries of the Guidance - Education and Support to Entrepreneurship services	3,358

INSTITUTION 

TRAINED PEOPLE	% ON UNIVERSITY STAFF
1,926	65%

WELCOME DAY FOR INTERNATIONAL STUDENTS 

Every year the University of Bologna welcomes its international students to the university community and to the city. With this event, the University intends to help international students in their transition to the university life in Bologna. As such, the event comprises presentations about university facilities, services and opportunities as well as

networking activities to build and foster a sense of community among international and Italian students and ambassadors. The 2019 Welcome Day for International Students included, among others, a stall presenting the actions implemented by the University of Bologna to achieve the SDGs of the UN 2030 Agenda.

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.

The course Higher Education for Sustainable Development Goal introduces the concept of Sustainable Development and the recent debate and policies promoted at the global level to face urgent environmental and societal challenges.

UNIBOCULTURA

Every year, the Alma Mater organizes several cultural events intersecting all its fields of study: literature, art, philosophy, science, digital technology, law and medicine. UniboCultura events bring these diverse subject areas together around current issues and topics. In 2019, particularly:

- **LA FORZA DELLE LETTERE:** from 1 February to 13 March 2019 - 6 meetings
- **LEOPARDI ALLO SPECCHIO:** from 1 to 12 April - 7 meetings
- **IO SONO/IO NON SONO:** since March a series of meetings representing different aspects of the discussion around identity
- **CAMMINARE NEI LUOGHI DEL SAPERE:** Guided tours to the Palazzina della Viola, Palazzo Poggi, Palazzo Marscotti Brazzetti, Palazzo Hercolani primavera 9 Sundays from February to May/ Autumn 10 Sundays from October to December - total participants about 2.000 people

- **ZAMBÈ "VERSO LA LUNA":** the summer review takes its title from the anniversary of the trip to the moon - from 18 June to 19 July - 13 meetings
- **INNOVATING THE FUTURE, SINCE 1088:** The photographic exhibition "Innovating the future, since 1088", set up by the University of Bologna with the collaboration of the Unibo Historical Archive. Through the streets of Bologna, the history of the Alma Mater and its illustrious figures will be retraced, alongside those of today's students. In this flow of past and present, the University presents itself highlighting its ability, since 1088, to innovate, through its students and its people: the Alma Mater was born by students for students and, still today, tenaciously pursues the path of innovation.

GREEN OFFICE (GOAL)

The **Green Offices of the Alma Mater (GOAL)** are a project with the aim of strengthening the relationship between the components of the University Community (students, staff and teachers) and promoting planning on sustainability issues. GOALS represent a community action and involve young people in building the future of the University and in defining sustainability strategies and policies.

The synergy between the various actors involved allows to concretize the enthusiasm and ideas coming from all the University Community, through the implementation of projects and initiatives related to the various sustainability issues.

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

Universities Departments for the quality of the research and the quality of the development project.



5. ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS



5 GENDER EQUALITY

TEACHING

608 COURSE UNITS	52,871 STUDENTS WHO CHOSE THE COURSE UNITS	1 COLLABORATIONS, TEACHING, MOBILITY UNITS

THIRD MISSION

1
COOPERATION, SOCIAL
AND INDUSTRY
ENGAGEMENT
RESEARCH PROJECTS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
230 (UNIBO) 32 (ELSEVIER)	17,890 (UNIBO) 2,038 (ELSEVIER)	34 (UNIBO) 10 (ELSEVIER)
68 PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	94 PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	2 RESEARCH PROJECTS (981,997 €)

INSTITUTION

1.50 GLASS CEILING INDEX OF UNIVERSITY OF BOLOGNA	166 GOVERNING BODIES
	69 + 97

INSTITUTION

GENDER EQUALITY ANNUAL REPORT

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 as

well as to monitor its position the overall position in term of gender equality in teaching, research, career progression and leadership positions, UNIBO provides its data per year in its Gender Equality Annual Report. In such document UNIBO also provides a specific index named "**University gender inequality index (UGII)**"

GUARANTEE COMMITTEE FOR EQUAL OPPORTUNITIES, EMPLOYEE WELLBEING AND NON-DISCRIMINATION AT WORK - CUG

The "**Guarantee Committee for Equal Opportunities, Employee Wellbeing and non Discrimination at Work**" in 2019 held 2 seminars to promote and sensitize the university community about the gender violence and its representation

and the gender equality in the University of Bologna. In addition, it has promoted the creation of the "Red Bench against domestic violence" at the Rector of the Alma Mater to remember all the women who have experienced violence.

IMPLEMENTATION OF ACTIONS AIMED AT PROMOTING THE EFFECTIVE ADOPTION OF A LANGUAGE THAT RESPECTS BUT DOES NOT NEGATE GENDER DIFFERENCES

The University of Bologna has established a Technical-Scientific Committee tasked with preparing guidelines on the University's gender language, established under the supervision of the Vice-Rector for Human Resources. In 2019, the Committee drafted guidelines aimed at raising awareness in the University on the daily

use of a language that takes into account gender differences in institutional documents and the forms produced by the General Administration Areas, as well as in University communications. The document will be finalised and disseminated in 2020.

PLOTINA AND THE GENDER EQUALITY

Through **PLOTINA project** and our **Gender Equality Plan (GEP)** we promote and favour 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, we produced and diffused a formative downloadable video. Last, but not least, our 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.

BODIES FOR THE PROTECTION OF GENDER EQUALITY AT UNIVERSITY OF BOLOGNA

- | | |
|--|---------------------------------------|
| 1) Guarantee Committee for Equal Opportunities, Employee Wellbeing and Non-Discrimination at Work – CUG, the Harassment Adviser; | 3) Delegate for Occupational Welfare; |
| 2) Vice-Rector of Human Resources; | 4) Delegate for Equal Opportunities; |
| | 5) Harassment Adviser. |

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 (Sustainable Multicampus Project).



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



TEACHING



179
COURSE UNITS



11,688
STUDENTS WHO
CHOSE THE COURSE
UNITS



1
COLLABORATIONS,
TEACHING, MOBILITY

RESEARCH



PUBLICATIONS IN
SCOPUS 2014-2019
646 (UNIBO)
102 (ELSEVIER)



"CITED BY"
IN SCOPUS
12,975 (UNIBO)
1,423 (ELSEVIER)



H INDEX
40 (UNIBO)
18 (ELSEVIER)



69
PUBs PER CAPITA
INDEX NUMBER
INTERNATIONAL
BENCHMARK



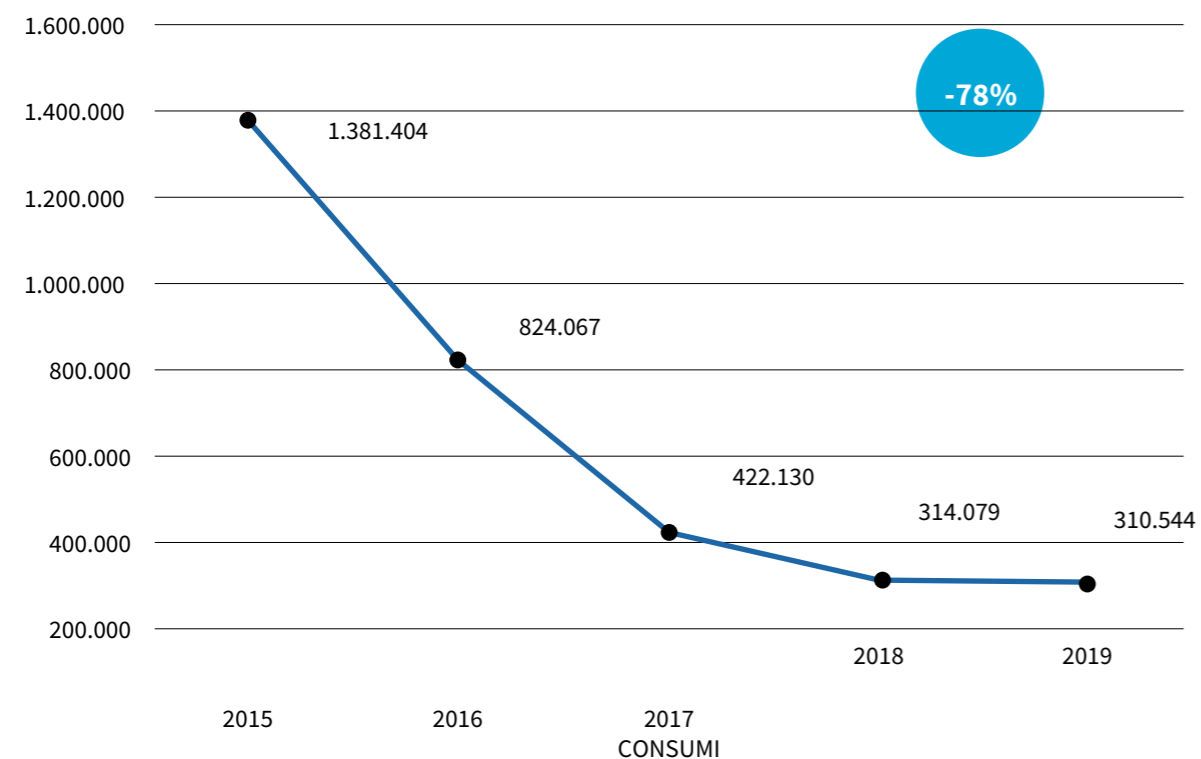
124
PUBs PER CAPITA
INDEX NUMBER
NATIONAL
BENCHMARK



2
RESEARCH
PROJECTS
(850,012 €)

INSTITUTION 

WATER CONSUMPTION: DATA IN M³ OF WATER



>50%

OF INSTALLED APPLIANCES
ARE WATER EFFICIENT

PLASTOP 

In 2019 the Plastop project, launched in 2018 in the framework of the Sustainable Multicampus Project with the aim of significantly limiting the use of disposable plastic by the University Community, was further developed. Actions were planned to encourage the use of personal stainless steel bottles, and the experimental installation of water dispensers (filtered directly from the water network) and the experimental replacement of plastic cups in some vending machines was realised. For the supply of Alma Mater water bottles, a public tender was

held, for which the successful tenderer guaranteed a production with a neutral environmental impact, thanks to a specific replanting project, in addition to the collaboration with the University of Bologna on initiatives in the field of environmental sustainability. Since the start of the project, the installation of the dispensers has allowed savings of about 100 thousand half-liter plastic bottles.



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

7 AFFORDABLE AND CLEAN ENERGY

TEACHING

316	19,293	2
COURSE UNITS	STUDENTS WHO CHOSE THE COURSE UNITS	COLLABORATIONS, TEACHING, MOBILITY UNITS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
708 (UNIBO) 487 (ELSEVIER)	13,231 (UNIBO) 7,458 (ELSEVIER)	50 (UNIBO) 38 (ELSEVIER)
86	134	14
PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	RESEARCH PROJECTS (3,916,322 €)

INSTITUTION

1,312	> 75%	1,052
MWH/YEAR SOLAR ENERGY PRODUCED	CONVENTIONAL APPLIANCES REPLACED BY ENERGY EFFICIENT ONES	GREEN ROOF M ² IN THE DEPARTMENTS OF: • CIVIL, CHEMICAL, ENVIRONMENTAL, AND MATERIALS ENGINEERING - DICAM • AGRICULTURAL AND FOOD SCIENCES - DISTAL

DARK - ONLY THE STARS ARE SHINIER

The University of Bologna together with AMANI (an association focusing on access to energy in Africa) organized this meeting and reported about their work. Universal access to energy is the seventh of the 17 goals of the 2030 Agenda.



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

8 DECENT WORK AND ECONOMIC GROWTH

TEACHING

425	31,006	10
COURSE UNITS	STUDENTS WHO CHOSE THE COURSE UNITS	COLLABORATIONS, TEACHING, MOBILITY

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
453 (UNIBO)	7,941 (UNIBO)	35 (UNIBO)
125 (ELSEVIER)	2,061 (ELSEVIER)	17 (ELSEVIER)
135	190	6
PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	RESEARCH PROJECTS (2,910,281 €)

THIRD MISSION

3	31
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS	SPIN OFFS AND START UPS

MAKING GLOBALIZATION FAIR FOR ALL

The 3rd Brown Lecture was carried out within the agreement between the University of Bologna and Brown University - Keynote Speaker Professor Richard M. Locke, Provost, Brown University The world of global supply chains is undergoing an phase of extreme uncertainty and experimentation, that translates into searching for innovative strategic directions and new institutional structures to better manage recruitment and work itself.



INSTITUTION 

TEACHING STAFF	Women	Men	TECHNICAL-ADMINISTRATIVE STAFF	Women	Men
Full Professors	196	537	Heads of administrative divisions	7	7
Associate Professors	508	676	Technical-Administrative staff	1,904	974
Assistant Professors	420	465	Language assistants	57	14
Research fellows	610	582	Farm workers	0	4
Total	1,734	2,260	Total	1,968	999

TRAINING ON HEALTH AND SAFETY IN WORKPLACES	No.	ECONOMIC AND FINANCIAL PERFORMANCE	%
Training initiatives	125	Personnel expenses indicator	63,55%
Participants	4,906	Indebtedness indicator	5,06%
Training hours	29,915	Economic-Financial Sustainability Indicator	1,24%

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 strategy builds: inspiring and raising awareness;

- scouting of Ideas;
- pre-incubating services;
- incubating;
- accelerating and enabling growth.

INITIATIVES SUPPORT ADMINISTRATIVE STAFF WITH DISABILITIES 

Our 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 WITH DISABILITIES 

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**.

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 **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

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

TEACHING

- 625** COURSE UNITS
- 42,578** STUDENTS WHO CHOSE THE COURSE UNITS
- 3** COLLABORATIONS, TEACHING, MOBILITY UNITS

RESEARCH

- 1,819** (UNIBO) **77** (ELSEVIER) PUBLICATIONS IN SCOPUS 2014-2019
- 34,075** (UNIBO) **1,150** (ELSEVIER) "CITED BY" IN SCOPUS
- 67** (UNIBO) **16** (ELSEVIER) H INDEX
- 190** PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK
- 135** PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK
- 32** RESEARCH DEPARTMENTS
- 179** TOTAL H2020 RESEARCH PROJECTS (74,789,237 €)
- 15** INTERDEPARTMENTAL CENTRES FOR INDUSTRIAL RESEARCH (CIRI)
- 38** RESEARCH PROJECTS (18,705,244 €)

INTERDEPARTMENTAL CENTRES FOR INDUSTRIAL RESEARCH - CIRI

- 45** RESEARCH CONTRACTS BETWEEN CIRI AND COMPANIES
- 41** PARTICIPATIONS IN RESEARCH PROJECTS
- 1,460,442 €** NET REVENUES
- 3** AGREEMENTS BETWEEN CIRI AND OTHER RESEARCH INSTITUTES
- 207** PATENTS (INCLUDING NEW PLANT VARIETIES)



THIRD MISSION **1**

COOPERATION, SOCIAL
AND INDUSTRY
ENGAGEMENT
RESEARCH PROJECTS

INSTITUTION

INCUBATORS **Innovation Square - Rimini****Cesena Lab - Cesena****Basement - Forlì****AlmaCube**

Networks of incubators located within the different campus of the University of Bologna offering incubation, preincubation and idea-scouting services, on top of spaces.

REACTOR PROJECT 

ReActor is an informal school of entrepreneurship and innovation for scientists and researchers willing to explore the market potential of their discoveries. With a strong hands-on approach, ReActor aims at igniting an entrepreneurial mindset in its participants, helping them to delineate and implement a solid venturing path from lab to market. The training format is the only one of its kind in Italy and rests on three pedagogical pillars: 1) 13 weeks of intense training and peer-based learning, 2) extensive mentoring with successful entrepreneurs and 3) additional training experiences in some of the most vibrant entrepreneurial ecosystems in the world. Participation to ReActor is completely free for the selected teams, including the training periods abroad. After two years of experimentation within the University of Bologna, in 2018 ReActor was scaled

up at the national level through the support of Fondazione Golinelli which became the project leader, with the University of Bologna serving as the first strategic partner. Thanks to its early success, today ReActor counts as many as 8 partners including the University of Bologna, Modena and Reggio Emilia University, CNR Research Area of Bologna, Rizzoli Orthopedic Institute, Parma University, Ferrara University, Padua University and the University of Pisa. The scientific direction of the project is entrusted to University of Bologna's professor Simone Ferriani. In the 2019 edition 13 teams were selected to join the program and 5 teams were awarded additional grants to continue their training abroad for 4 to 6 weeks periods. In the 2020 edition 8 teams were selected and 3 of them were awarded with the international acceleration programs.

INSTITUTION

ALMAECLUB 

The club, 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;
- **contribute** with ideas and competences to support entrepreneurship within our University.

ALMACUBE 

Almacube is the incubator and innovative hub of the University of Bologna, with the aim of becoming a reference in Italy for the development of startups and spin-offs among universities. In 2019 Almacube registered a significant growth in all of the activities related with its 3 integrated business units:

- Univeristy 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 and 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.

The number of incubated projects established as legal entities increased by 41% compared to 2018: 13 spin-offs, 11 students' startups, 8 of which related to the University of Bologna, and 7 other startups, for a total of 31 established companies. The incubation activities involved more than 300 students in total. Coaches of innovation from Almacube guided multidisciplinary teams of students and recent graduates of the University of Bologna in the process to find innovative solutions for companies. The Open Innovation Programs involved almost 300 students and are part of international networks of universities and research centres such as Stanford and CERN, involving around 30 universities worldwide. This year Almacube run more than 30 projects with companies and organizations from different industries such as IMA, Barilla, Legacoop Bologna, Sanofi Genzyme, CAMST, YNAP and many more. In 2019, Almacube collaborated with the University of Bologna to organize the fifth edition of StartUp Day, the most important event in Italy for youth and academic entrepreneurship. With more than 2500 participants, StartUp Day 2019 confirmed the growth of the event: almost 300 submitted ideas from students, 30 new entrepreneurial projects born at the event, more than 30 incubator, accelerators, crowdfunding platforms and other realities from the world of innovation, matching between investors and startups and many guests from the field of innovation. During 2019, Almacube organized more than 30 events for its community made up of students, entrepreneurs, professors, young professionals and curious. With the aim of keeping the community updated on topics such as the startup world, social entrepreneurship, cultural and creative innovation and technology, it involved 800+ participants.

10. REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES

10 REDUCED INEQUALITIES

TEACHING

627	18	52,385
COURSE UNITS	COLLABORATIONS, TEACHING, MOBILITY	STUDENTS WHO CHOSE THE COURSE UNITS

THIRD MISSION

2

COOPERATION, SOCIAL
AND INDUSTRY
ENGAGEMENT
RESEARCH PROJECTS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
1,289 (UNIBO)	38,310 (UNIBO)	63 (UNIBO)
81 (ELSEVIER)	547 (ELSEVIER)	14 (ELSEVIER)
48	87	4
PUBS PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	PUBS PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	RESEARCH PROJECTS (3,493,830 €)

INSTITUTION

STUDENT OMBUDSMAN

The role of the **Student Ombudsman**, envisaged in art. 15 of the University Statute, is to receive reports on dysfunctions and restrictions affecting the rights of students. This independent body does not report hierarchically or functionally, in any way, to University Bodies and exists solely to ensure compliance with current regulations. Students can contact the Ombudsman to report any forms or types of abuse, dysfunctions, shortfalls, delays, violations of the law or the principles of good administration, failure to respect the values and rules laid down in the University's Code of Ethics or the principles and rights specified in the University Statute, by teachers or other University personnel, or attributable to University Bodies or the general or peripheral Administration in the conduct of administrative activities, for acts or omissions or conduct that is solely intended to be intimidating, hostile, degrading, humiliating or offensive. The Student Ombudsman monitors the teaching, research and service activities of the University of Bologna with an impact on the rights and interests of the University's students, to ensure that they are carried out in compliance with the values and rules laid down in the University's Code of Ethics and the principles and rights specified in the University Statute.

THE GUARANTEE COMMITTEE FOR EQUAL OPPORTUNITIES, EMPLOYEE WELLBEING AND NON-DISCRIMINATION AT WORK - CUG

This committee makes proposals, provides consultation and monitors the development of a culture that promotes equal opportunities, enhances employee wellbeing and prevents discrimination, with reference to Italian current legislation and art. 14 of the University Statute. It avails of the internal services for the promotion of employee wellbeing provided by Alma Mater and works closely with the Harassment Advisor.



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



11 SUSTAINABLE CITIES AND COMMUNITIES

THIRD MISSION

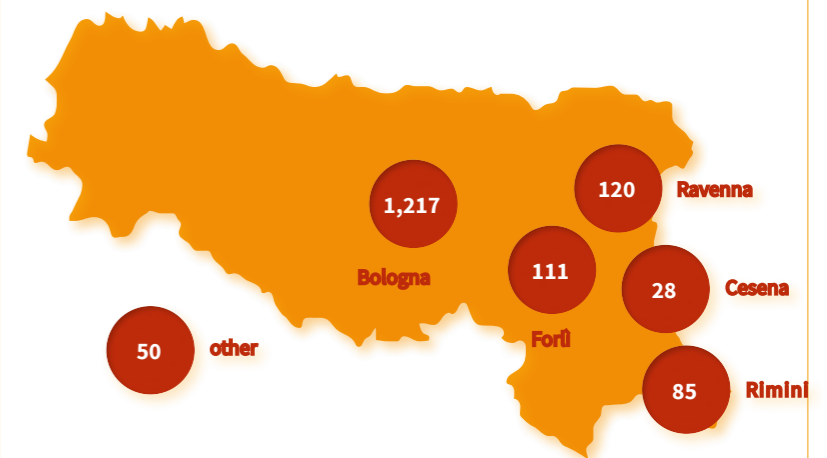


2
COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS



1,611
EVENTS IN ALL CAMPUSES

PUBLIC ENGAGEMENT: EVENTS IN UNIVERSITY CAMPUS CITIES



TEACHING



568
COURSE UNITS



35,567
STUDENTS WHO CHOSE THE COURSE UNITS



11
COLLABORATIONS, TEACHING, MOBILITY



77,8 %
STUDENTS' SATISFACTION WITH CLASSROOMS

RESEARCH



PUBLICATIONS IN SCOPUS 2014-2019
709 (UNIBO)
247 (ELSEVIER)



"CITED BY" IN SCOPUS
10,729 (UNIBO)
4,529 (ELSEVIER)



H INDEX
43 (UNIBO)
30 (ELSEVIER)



74
PUBS PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK



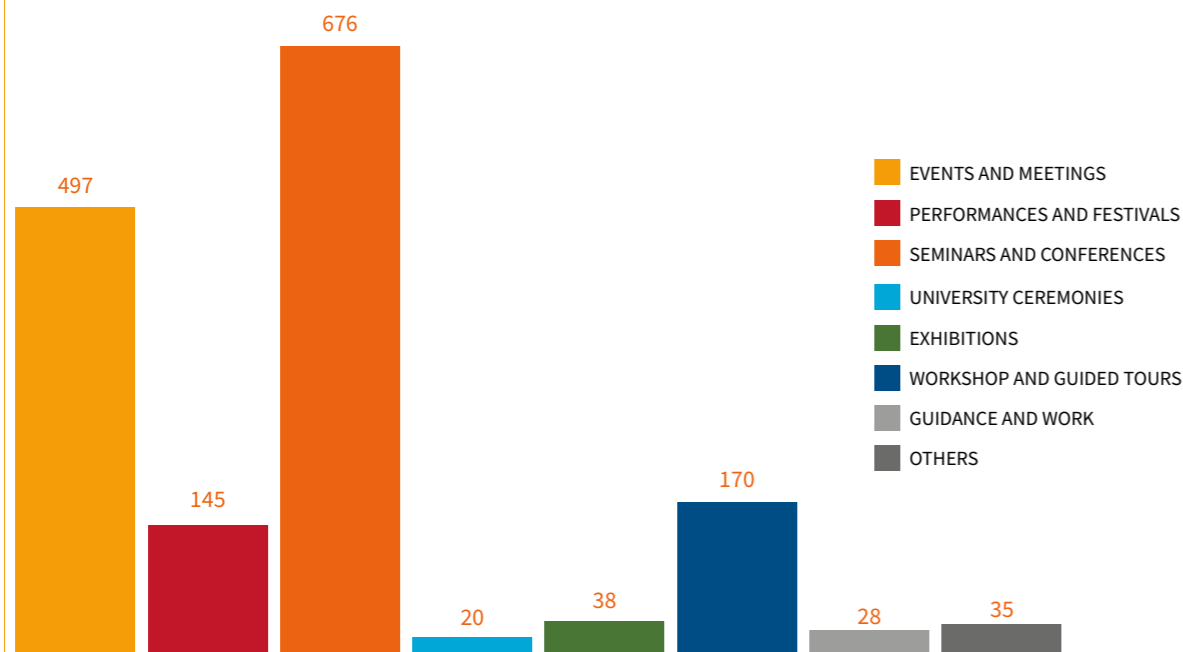
120
PUBS PER CAPITA INDEX NUMBER NATIONAL BENCHMARK



17
RESEARCH PROJECTS (6,467,527 €)

THIRD MISSION 

PUBLIC ENGAGEMENT: EVENTS BY TYPE



14

UNIVERSITY MUSEUM



18,000

HOURS OPENING



192,000

VISITORS

PROMOTE CULTURE AND HERITAGE 

- **BOLOGNA UNIVERSITY MUSEUM NETWORK - (SMA):** brings together the corpus of 14 University Museums and Archives. Only the Palazzo Poggi Museum (the Rectorate) has a paid entrance, while the other 13 is free access.
- **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.
- **BOTANIC GARDEN HERBARIUM:** 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.
- **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.



229,925

M2 OF SMART BUILDINGS

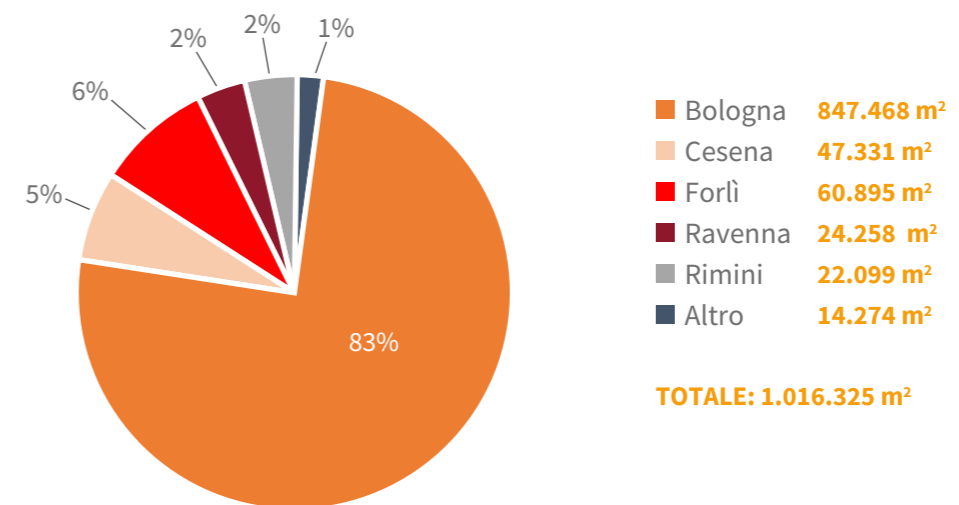


5,224,679

M2 OF GREEN AREAS

The ration parking area is 2% of the 80000 m2 of the total area of campus.

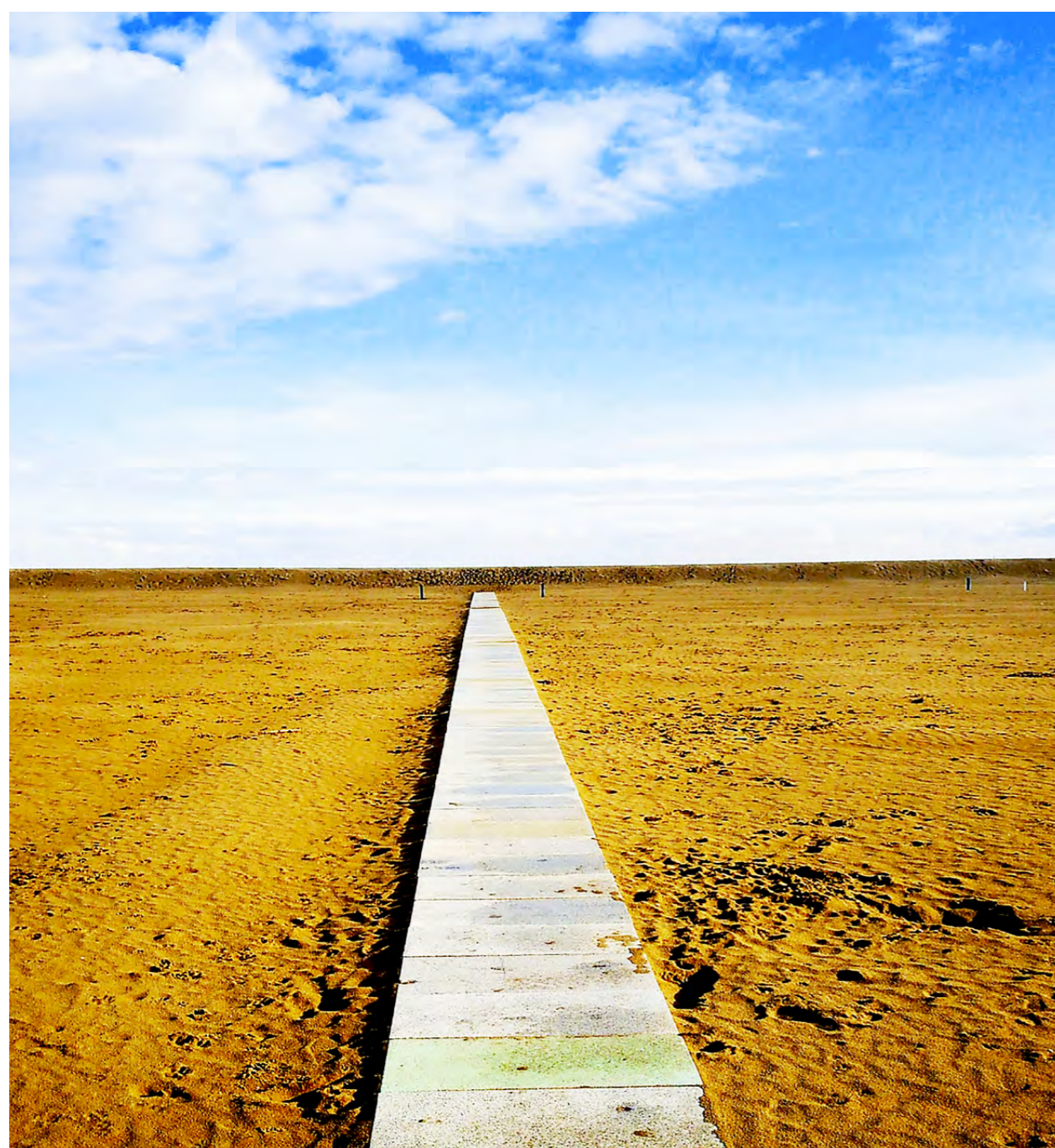
GEOGRAPHICAL DISTRIBUTION OF BUILDINGS



TOTALE: 1.016.325 m²

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

12. ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

TEACHING

545 COURSE UNITS	1 COLLABORATIONS, TEACHING, MOBILITY	36,663 STUDENTS WHO CHOSE THE COURSE UNITS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019 2,335 (UNIBO) 223 (ELSEVIER)	"CITED BY" IN SCOPUS 45,015 (UNIBO) 3,736 (ELSEVIER)	H INDEX 69 (UNIBO) 30 (ELSEVIER)
112 PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	146 PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	15 RESEARCH PROJECTS (7,760,360 €)

THIRD MISSION

1 COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS	>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

434	25,781	2
COURSE UNITS	STUDENTS WHO CHOSE THE COURSE UNITS	COLLABORATIONS, TEACHING, MOBILITY UNITS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019	"CITED BY" IN SCOPUS	H INDEX
235 (UNIBO) 316 (ELSEVIER)	3,137 (UNIBO) 3,878 (ELSEVIER)	38 (UNIBO) 29 (ELSEVIER)
30	131	4
PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK	PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK	RESEARCH PROJECTS (935,036 €)

INSTITUTION

536	15,639	44	14
CARBON FOOTPRINT	PERSONAL PASSES FOR USE OF PUBLIC TRANSPORT ON FAVORABLE TERMS	AVERAGE PASSENGER IN A BUS	KM OF VEHICLES' DAILY TRAVEL INSIDE CAMPUS
5	22	172	11,707
SLOW MOBILITY INITIATIVES	SHUTTLES IN UNIVERSITY	TOTAL TRIPS OF DAILY SHUTTLE SERVICES	ZERO EMISSION VEHICLES ON CAMPUSES PER DAY

INSTITUTION ■ NASTRO VERDE 

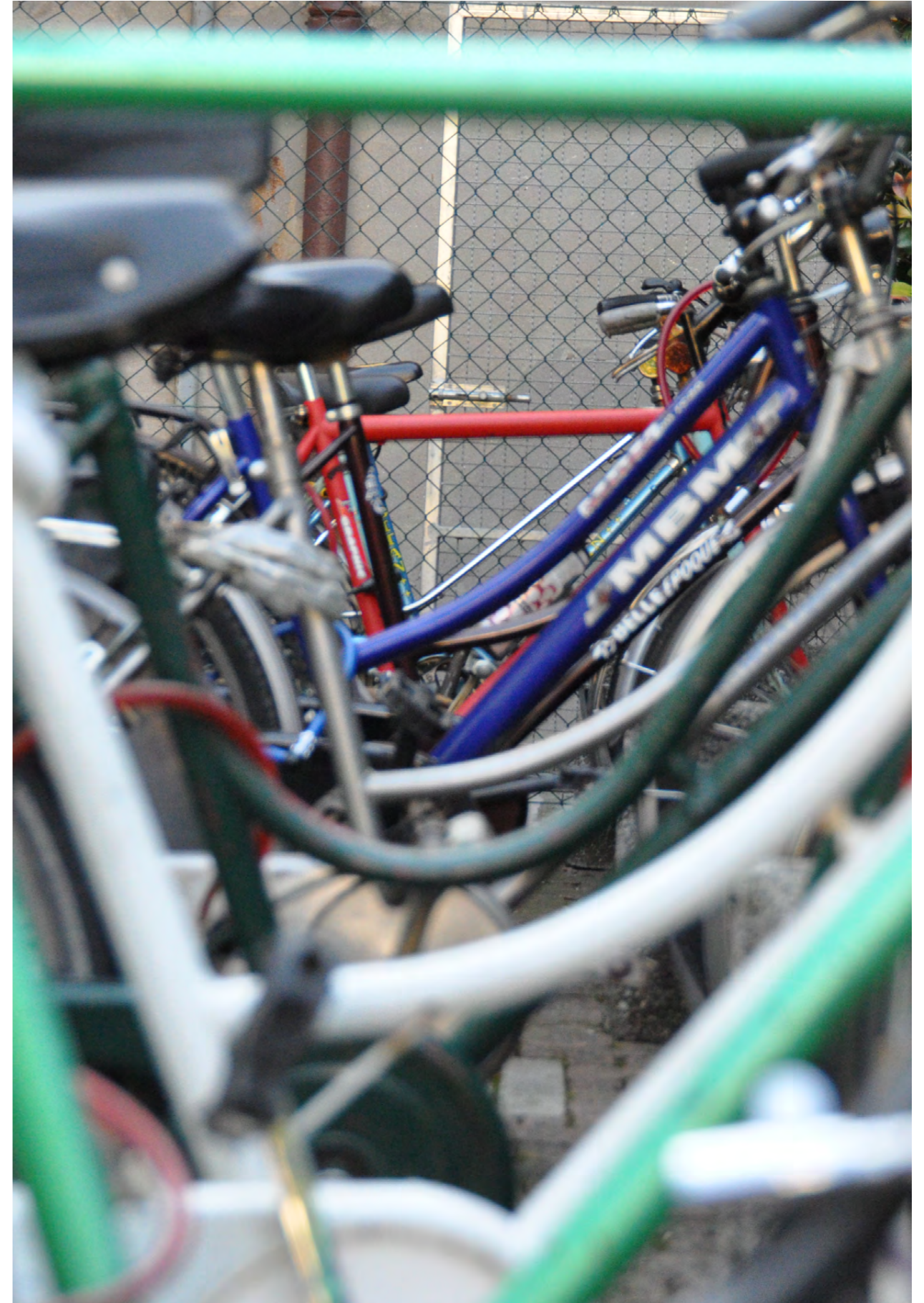
The first edition of **Nastro Verde** was held in 2019, a showcase of sustainable movies with the aim of inviting the entire University Community to approach the environmental issues and the challenges to achieve sustainable progress that respects the ecosystem and environment. Five films were proposed in an integrated and critical vision to inform, raise awareness and awaken a conscious and participatory opinion. An expert introduced each film. The initiative took place at the Bologna Campus (DamsLab's Auditorium) and the Cesena Campus (Psychology major hall), live streaming, with an average of 180 participants

per evening in the framework of the Sustainable Multicampus Project. The initiative was carried out as part of the Sustainable Multicampus project in collaboration with the Department of Arts and DamsLab and included, on the launch evening, within the ASVIS Sustainable Development Festival. On the occasion of the showcase, the trailer "A more sustainable future" was created, with the involvement of students from the Audiovisual and Multimedia Laboratory of the Master's Degree in Cinema Television Multimedia Production (CITEM) of the Department of Arts.

■ MI MUOVO LIBERO 

In the framework of the Sustainable Multicampus project Unibo students and staff can purchase annual public transport passes for Bologna and the surrounding area at a subsidised price. There is also an agreement with the city Bicycle station in order to provide discounts on price for reparation and parking.

The University completely renewed its car fleet, switching from owned cars to rented cars, mainly electric or hybrids. Moreover the use of the cars is managed by a car-sharing mode.



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



TEACHING



107
COURSE UNITS



4,926
STUDENTS WHO
CHOSE THE COURSE
UNITS



2
COLLABORATIONS,
TEACHING, MOBILITY

RESEARCH



PUBLICATIONS IN
SCOPUS 2014-2019

29 (UNIBO)
289 (ELSEVIER)



"CITED BY"
IN SCOPUS

669 (UNIBO)
4,235 (ELSEVIER)



H INDEX

14 (UNIBO)
28 (ELSEVIER)



103
PUBS PER CAPITA
INDEX NUMBER
INTERNATIONAL
BENCHMARK



235
PUBS PER CAPITA
INDEX NUMBER
NATIONAL
BENCHMARK



9
RESEARCH
PROJECTS
(2,795,892 €)

INSTITUTION

■ SPIAGGIALONGA

Spiaggialonga is a three-day event dedicated to sustainability, that was first held in 2019. The initiative is the brainchild of a group of university students and was organized as part of the Sustainable Multicampus project. A series of in-depth conferences were organized on the Campuses of Ravenna, Cesena (Cesenatico headquarters) and Rimini to raise awareness among the University Community and citizenship on sustainable issues. The activities then materialized in a collective action: a morning dedicated to

cleaning the beaches of Ravenna, Rimini and Cesenatico, helped by children from both primary and secondary schools. University students, in addition to attending the event, volunteered to welcome the children and youngsters, together with the University staff, as well as volunteers from Legambiente. Over 1800 people took part to the event, testifying a great enthusiasm among young people and volunteers of all ages but also a great interest for the plastic-free theme of important companies that participated.

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



15 LIFE ON LAND

TEACHING

346
COURSE UNITS

19,875
STUDENTS WHO
CHOSE THE COURSE
UNITS

RESEARCH

PUBLICATIONS IN SCOPUS 2014-2019

71 (UNIBO)
171 (ELSEVIER)

“CITED BY” IN SCOPUS

805 (UNIBO)
2,448 (ELSEVIER)

H INDEX

17 (UNIBO)
25 (ELSEVIER)

37

PUBs PER CAPITA INDEX NUMBER INTERNATIONAL BENCHMARK

42

PUBs PER CAPITA INDEX NUMBER NATIONAL BENCHMARK

9

RESEARCH PROJECTS (2,473,576 €)

INSTITUTION

THE EXPERIMENTAL FARM - AUB

The University of Bologna Experimental Farm - AUB, since 1974, support research and experiments conducted by departments of then School of Agricultural Sciences and Veterinary Medical Sciences.

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, a subject of wide topical interest yet controversial in the technical and scientific world.

Today 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. In general, it is an ‘observatory’ onto agriculture as practised in our country, fielding the kind of questions that consumers and agriculturists expect the academic world to answer. This whole multi-faceted facility forms an important training-ground for students.

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



325
COURSE UNITS



31,827
STUDENTS WHO
CHOSE THE COURSE
UNITS



10
COLLABORATIONS,
TEACHING, MOBILITY

RESEARCH



PUBLICATIONS IN
SCOPUS 2014-2019
233 (UNIBO)
157 (ELSEVIER)



"CITED BY"
IN SCOPUS
29,746 (UNIBO)
860 (ELSEVIER)



H INDEX
64 (UNIBO)
14 (ELSEVIER)



44
PUBs PER CAPITA
INDEX NUMBER
INTERNATIONAL
BENCHMARK



106
PUBs PER CAPITA
INDEX NUMBER
NATIONAL
BENCHMARK



8
RESEARCH
PROJECTS
(5,060,787 €)



THIRD MISSION 



1
COOPERATION, SOCIAL
AND INDUSTRY
ENGAGEMENT
RESEARCH PROJECTS

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.

'BOLOGNA TAKES CARE'

During the three-days event on welfare organized by the Municipality of Bologna, the University of Bologna presented its training, research and third

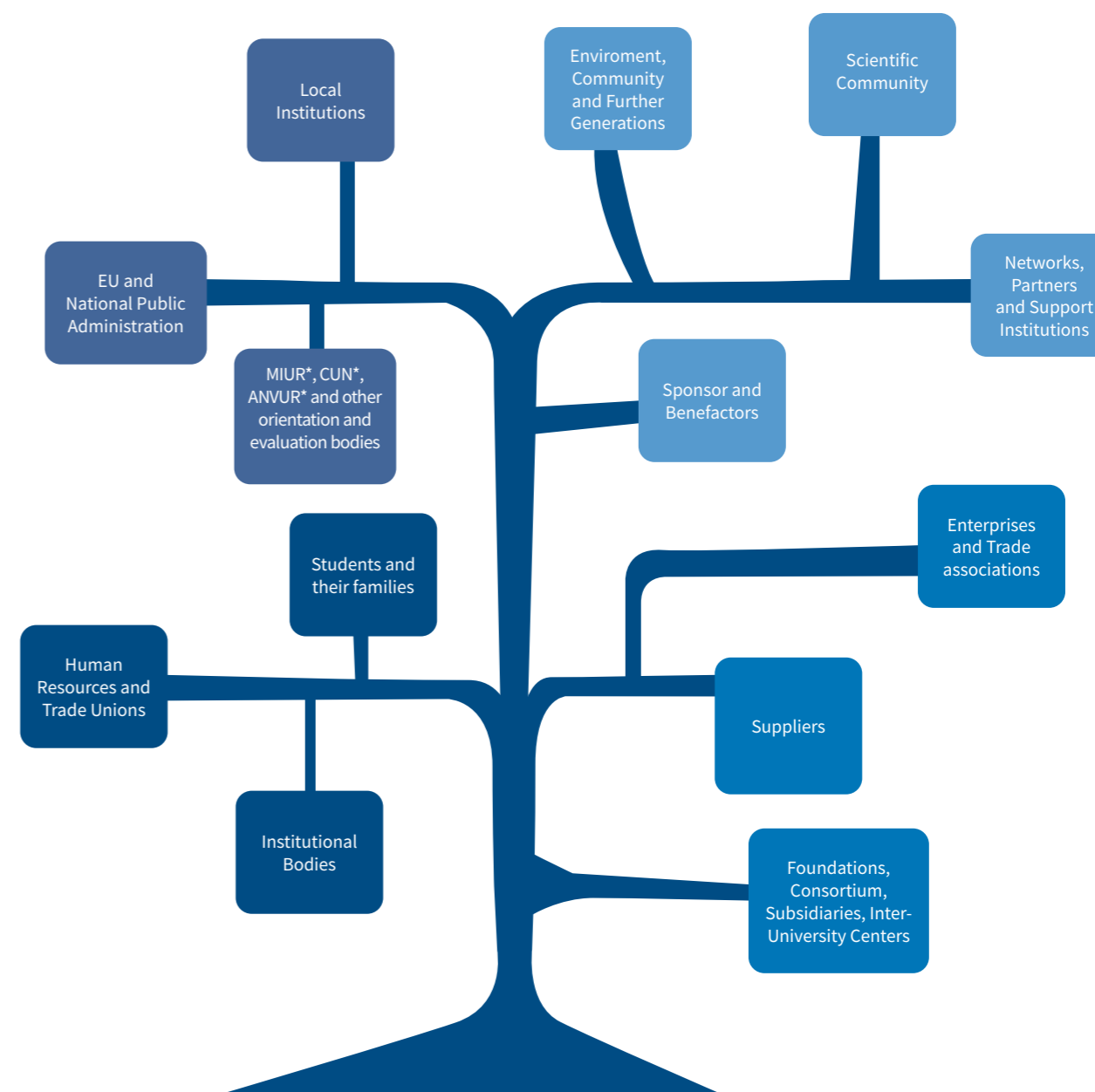
mission activities, with a particular focus on the issues of working wellbeing, inclusion, right to study, cooperation for development and sustainability.

INSTITUTION 

INSTITUTIONAL ACCOUNTABILITY AND TRANSPARENCY 

In the website of the Alma Mater 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.



ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA

*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



260
COURSE UNITS



18,350
STUDENTS WHO
CHOSE THE COURSE
UNITS



5
COLLABORATIONS,
TEACHING,
MOBILITY
UNITS

THIRD MISSION



1
COOPERATION, SOCIAL
AND INDUSTRY
ENGAGEMENT
RESEARCH PROJECTS

RESEARCH



PUBLICATIONS IN
SCOPUS 2014-2019
1319 (UNIBO)



"CITED BY"
IN SCOPUS
26,668 (UNIBO)



H INDEX
62 (UNIBO)



79
PUBs PER CAPITA
INDEX NUMBER
INTERNATIONAL
BENCHMARK



100
PUBs PER CAPITA
INDEX NUMBER
NATIONAL
BENCHMARK



5
RESEARCH
PROJECTS
(881,585 €)

INSTITUTION



3,099
INCOMING



3,640
OUTGOING

UNI-CO-RE

University Corridors for Refugees (Ethiopia-Unibo 2019-21). The initiative was created to allow refugee students in 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 many partners.

THIRD MISSION ALMAENGAGE 

AlmaEngage is a virtual structure designed to monitor, support and promote all the initiatives of development cooperation and social engagement of the University of Bologna at both the local and international levels. As such, AlmaEngage is part of a broader process by which universities are enlarging their scope. Within this process, universities actively engage in social and public issues and transfer knowledge benefitting society as a whole.

This virtual structure aims to promote and carry out initiatives that sensitize and stimulate academic and non-academic stakeholders to development cooperation.

Thanks to AlmaEngage, the University of Bologna collaborated with international NGOs to identify opportunities for student mobility within development cooperation projects.

In particular, the Field Work international mobility program represents an opportunity for students to work at NGOs (organized non-governmental) or other institutions within the field of development cooperation. Within this program students carry out “on the field” activities in developing and emerging countries where these NGOs or institutions are active.

CELEBRATION OF THE 20TH ANNIVERSARY OF THE BOLOGNA DECLARATION (JUNE 2019) 

The Alma Mater Studiorum - Università di Bologna, in collaboration with the Ministry of Education, University and Research, under the aegis of the Observatory of the Magna Charta Universitatum, invites Rectors and academics to celebrate the 20th Anniversary of the Bologna Declaration.

A unique appointment to reaffirm the fundamental values on which the Higher Education Institutes are based. Among the topics covered, civil and ethical values, and sustainable development.

GLOBAL CITIZENSHIP EDUCATION IN ITALY: WHAT IS THE STATUS? 

Meeting promoted by the International Research Center on Global Citizenship Education of the University of Bologna. A discussion and a reflection at national level on the current state of

dissemination and implementation of the Global Citizenship Education in school educational practices and beyond.

THE IMPACT RANKING 

The University of Bologna is so proud that its effort towards the SDGs have been certified by Times Higher Education. This ranking is the only global performance table that assess universities against the United Nations' Sustainable Development Goals. In 2019, it was ranked as 9th in the World, among more than 500 universities.

More in details the University of Bologna is:

- 35th for Good Health and Well-being,
- 4th for Quality Education,
- 4th for Gender Equality,
- 6th for Decent Work and Economic Growth,
- 11th Sustainable Cities and Communities
- 21st for Partnerships for the Goals,

THIRD MISSION

RUS - NETWORK OF UNIVERSITIES FOR SUSTAINABLE DEVELOPMENT 

Alma Mater has contributed to the establishment of the **RUS - Italian Network of Universities for Sustainable Development**, aware of the key role that universities play in the training of future generations and in the dissemination of knowledge within society, also with reference to the ability to promote sustainable development. This network is the first experience of coordination and sharing among the universities, with the main goal to spread the culture of sustainability. The main aim of the Network is the diffusion of the culture and good practices of sustainability, both inside and outside the Universities (at urban, regional,

national, international level), in order to increase the positive impacts in environmental, ethical, social and economic terms of the actions implemented by the members of the Network, so as to contribute to the achievement of the SDGs of the Agenda 2030 for Sustainable Development, and in order to strengthen the recognition and value of the Italian experience at international level. The RUS is officially represented inside the seventeen working groups related with SDGs promotion.

ASVIS 

The University of Bologna joined the **Italian Alliance for Sustainable Development (ASViS)** in order to increase its contribution to the process of transition to a sustainable society. We want to enrich our commitment to education for sustainable development and the dissemination of a culture of sustainability, recognizing the value of the UN Global Agenda for Sustainable Development and making its objectives its own.

The Alliance represents a possibility to extend our areas of intervention to the definition of shared strategies that allow to consolidate a sustainable approach.

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 projects we've implemented in order to raise awareness at all levels of this important need of our society.

COIMBRA GROUP 

The Alma Mater is part of the **Coimbra Group** with the particular attention to the Working Group of Development Cooperation. The Coimbra Group was founded in 1985 and it is an association of long-established European multidisciplinary universities of high international standard, whose goals is to create special academic and cultural

ties in order to promote internationalisation, academic collaboration, excellence in learning and research, and service to society. The Working Group of Development Cooperation is focused on global social responsibility of universities which requires their active engagement with development issues and challenges.

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 - training, 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 2020 to July 2020. The data presented herein refers to 2019, as well as A.Y. 2019/20 for training data.

Following the Rector's introduction, the report presents the key figures of the University of Bologna, followed by 17 sections, each one dedicated to a U.N. 2030 Agenda goal, reporting the impact generated by the University of Bologna through its diversified activities.

In particular, each goal is reported on in relation to the four dimensions of activities carried out at the University of Bologna (training, research, third mission and institution, where available) using a set of metrics specially formulated to match and integrate with the institutional documents adopted by the University of Bologna.

The 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.

Below is 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 2014-2019 which contain a specific sequence of keywords and an author affiliated with University of Bologna.

This year the document reports two different results for research data, because two sets of keywords were chosen.

This decision was made in order to consider a new way of benchmarking with other universities:

- the first result, it is the outcome of the University of Bologna set of keywords, determined for each UN SD goal by considering the general declaration of the goals and all targets of each goal.
- the second information, it is determined by using a set of Scopus queries related to each of the SDGs except for the 17 Goal: Partnership for the goals, generated by Elsevier.

This approach for some Research information affects also the citations count and the calculation of the H-index which both maintain the two different outcomes.



“CITED BY” IN SCOPUS

The number of documents that have cited the author for a document’s publication in the 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 expresses 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 research projects active on 2019.



INTERNATIONAL BENCHMARKING

Benchmarking includes universities within the top 10 European Universities ranked in QS World Universities Ranking 2019/2020 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

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 2019/2020:

Sapienza - Università di Roma

Università degli Studi di Padova (Unipd)

Università degli Studi di Milano

Università degli Studi di Pisa

Università degli Studi di Napoli Federico II

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 2019/2020 has a link with at least a SDG.



STUDENTS

The number of students who could choose to attend a course unit “tagged” for that SDG in A.Y. 2019/2020.



COLLABORATIONS, TEACHING, MOBILITY

The number of collaboration, teaching and mobility projects which were active in 2019.



COOPERATION, SOCIAL AND INDUSTRY ENGAGEMENT RESEARCH PROJECTS

The number of cooperation and social engagement projects active in 2019.



PATENTS (INCLUDING NEW PLANT VARIETIES)

The number of active patents and vegetal varieties registered in 2019 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

WORKING GROUP

Francesco Ubertini

Rector

Mirko Degli Esposti

Deputy Rector and National Coordinator
for Italy for the UI GreenMetric Network

Angelo Paletta

Delegate on Budget

Tullia Gallina Toschi

Delegate on Occupational well-being

Giulio Ecchia

Coordinator of the Alma Mater Technical Group
for H2020

Benedetta Siboni

Chair of the Guarantee Committee for Equal
Opportunities, Employee Wellbeing and Non-
Discrimination at Work

Riccardo Gulli

Delegate on Building and Sustainability

Alessandra Scagliarini

Vice Rector for International Relations

Paola Salomoni

Vice Rector for Digital Technologies

Alessandra Bonoli

Representative of University of Bologna at the
Steering Committee of the Network of Italian
Universities for Sustainable Development (RUS)

Marco Degli Esposti

Director General

Elisabetta de Toma

Head of Administrative Division
ARAG - Finance and Subsidiaries Division

Alice Corradi

Head of Administrative Division
APOS - Personnel Division

Andrea Braschi

Head of Administrative Division
AUTC - Buildings and Sustainability Division

Camilla Valentini, Danilo Roberto Cinti, Anna Rita D'Archi, Enrico Galli, Giancarlo Gentiluomo, Gian Piero Mignoli, Luca Ramazzotti, Anja Riceputi

ARAG - Evaluation and Strategic Planning Unit

Mirella Cerato

Head of Communication unit
and Responsible for AlmaGOALS

Vincenza Ferraro, Alex Rinaldi, Michela Versari, Silvia Zaghetto

ARTEC - Communication Unit

Pietro Ceciari

Research fellow for AlmaGOALS

CONTACTS AND FURTHER INFORMATION

AlmaGOALS

almagoals@unibo.it

www.site.unibo.it/almagoals/

We are all, but we are ONE





www.unibo.it

