

1222 • 2022
800
ANNI



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Sustainability Report

2020-2021



Executive summary



The University of Padua

Founded in 1222, the University of Padua is among the oldest and most prestigious universities in Europe. As a multidisciplinary institution, the University meets higher educational needs for the Italian Northeast, a territory with over 7 million residents and more than 650,000 businesses. Leaders in terms of its quality of teaching, research, and student services the University makes freedom of thought, study, and research the basis of its motto: “Universa Universis Patavina Libertas.”

A community of almost

75.000

in a city of 207.518 residents

65.487

under-graduate
students *

1.382

PhD students *

2.334

post-doctoral
fellows ***

974

research
assistants

2.315

professors and
researches **

2.388

technical and
administrative staff **

* Data refers to 2020-2021 academic year

** Source: University Single Report 2020

*** Data up to 31st December 2020

The organisation

11

Organisational areas

32

Departments

40

Central administration offices

8

Schools

28

Interdepartmental research centres

1

Experimental farm

3

Multifunctional hubs

1

School of higher studies



University centres

UniPadova Sostenibile

The University has created the Sustainable UniPadua project as a catalyst for environmental sustainability. The project coordinates and gives visibility to all actions related to sustainability that involve the university community, including students, staff, and governing bodies. The Sustainable UniPadua project supports the launching of new proposals dedicated to developing and implementing best practices by disseminating initiatives within the university community and beyond.

The reference organisational structure for the Sustainable UniPadua project is the Public engagement Office of the Communication and Marketing Area.



**The University
in international
sustainability
rankings**



World ranking

99

Italian ranking

2



World ranking

157

Italian ranking

11

Economic value

The University of Padua generates a significant impact for its stakeholders as well as on local, national, and international economic systems by redistributing its resources and wealth both directly and indirectly.

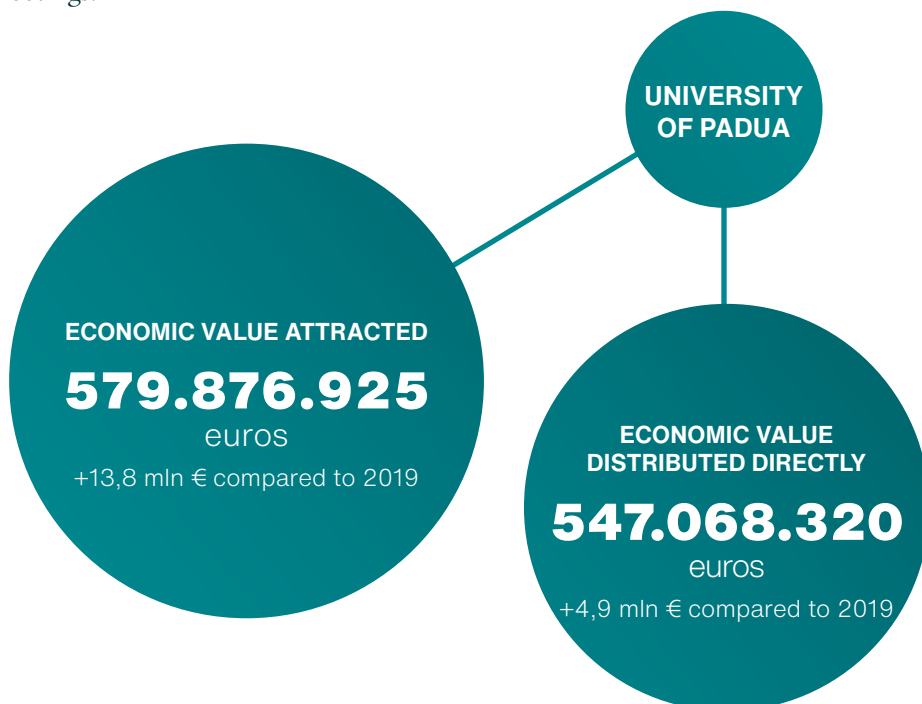
In 2020 the attracted economic value has increased by 13,8 million euros, compared to 2019. This increase is mainly due to higher ministerial transfers, also to cope with the COVID-19 emergency, and to higher research income from the public and private sectors.

Economic impacts of sanitary emergency are evident on current operating costs, which see a diminution of 16,8 million euros. This is mainly due to lockdown effects that reduced the mobility of the university community and the use of spaces for teaching and administrative activities, as well as the organisation of events and meetings.

Local
suppliers

40%
from Veneto
Region

of which
24%
from the
province
of Padua



Resources

Compraverde Veneto Award - Contracting Stations

In 2021, during the fifth edition of the Regional Forum on Green Purchasing, the University of Padua was awarded a prize by Compraverde Veneto for its project to recover and redevelop Fusinato Student Housing, future residence for students of the Scuola Galileiana. The project will create 187 accommodations with particular attention to aesthetic and functional characteristics, accessibility, safety and environmental impact.

Sustainable and Resilient Public Administration Prize 2021

The green procurement Memorandum entitled “Sustainability: a network with a common goal” won the FORUM PA 2021 award, category 4, dedicated to projects and solutions favouring the creation of networks and partnerships to spread the culture of sustainable development and to implement projects on the Agenda 2030 SDGs.

89,7%

of special waste
produced by the
University in 2020
was recycled

CIRCULAR ECONOMY

77.500

refurbished laptops for students and personnel. Students and personnel can buy refurbished laptops at discount prices with the aim of supporting the right to education and smart working

200

zero impact workstations created. Those workstations were created by reusing only existing furnishing, already available in the University's premises and storerooms

Environment and energy

In 2020, the University recorded a reduction of **5,2%** of total energy consumption compared to 2019. This result is mainly due to the containment measures of the COVID-19 emergency, which led to an important diminution in electricity consumption.

GSE Prize “A plaque for efficiency” given to the Beato Pellegrino Complex

The University of Padua won the GSE prize (Energy Services Manager) “A plaque for efficiency”, for the restoration works on the building complex “Former geriatric hospital – Beato Pellegrino”, the first gas free building of the University.



Carbon Footprint

The reduction percentage of total emissions in 2020 compared to the baseline (2018) is **41%**. This result is also due to efficiency measures, which reduced emissions coming from energetic consumption by **72%**.

Each University student consumes 0,99 barrels of oil equivalent per year (BOE)

Greenhouse gas emissions by activity

ACTIVITY	2018	2019	2020	VARIATION COMPARED TO 2019	VARIATION COMPARED TO 2018
	GHG emission [tonCO ₂ e]	GHG emission [tonCO ₂ e]	GHG emission [tonCO ₂ e]	(%)	(%)
Students commute	39.521	39.554	32.192	-19%	-19%
University energy consumption	33.873	16.684	9.438	-43%	-72%
Staff commute	9.702	10.092	7.296	-28%	-25%
Staff travels	1.142	2.824	643	-77%	-44%
Students international mobility	1.733	1.065	569	-47%	-67%
Waste disposal	324	373	428	15%	32%
Fugitive refrigerated gas emissions	337	327	238	-27%	-29%
TOTAL	86.632	70.919	50.804	-28%	-41%

Mobility and transports

In 2020, a survey on home-university travels of the university community was carried out. The aim was to update the data collected in 2018 and highlight possible variations.

In the pre-COVID phase, sustainable means (walking, bike or public transports) were employed by the 90% of students and by 59% of personnel to go to the university. The use of sustainable means of transport by personnel saw a 5,8% increase compared to 2018.

INTERVENTIONS IN FAVOUR OF SUSTAINABLE MOBILITY

100.000 €

per year dedicated to sustainable mobility for personnel: up to 50% refund of the value of seasonal tickets for local, regional and interregional public transports in the work-home commute of personnel

1

large space dedicated to bikes parking: by 2021 at the 'Padovanino' in Riviera Tito Livio a total of 60 new bicycle parking places will be available to personnel

17

bicycles and electric scooters acquired for security and concierge services

20

bicycles bought for travel of Central Administration personnel

Wellness

The Wellness network involves all bodies, activities, institutional structures dealing with discrimination, gender equality, equal opportunities, inclusion, health, and well-being. The function of the network is to protect and guarantee advice in a safe environment while offering initiatives and activities aimed at promoting healthy and well-oriented lifestyles.



Wellness promoting actions

1.116

people involved in 2020
in wellness projects
(1.832 in 2019)

394

flexible contracts
(part-time or remote)
authorised in 2020
(419 in 2019)

+8%

dedicated to wellness
and sport compared
to 2019

380.000

dedicated to contributions
and agreements for
kindergartens, nursery
schools, primary schools,
secondary and high
schools, for children up
to the end of compulsory
education

11

public events for
citizens promoting
wellness and sports

Inclusion

The Inclusive University project was selected as one of the 10 finalists in the category “Training on sustainability issues” of the initiative “Public Administration Sustainable and resilient – The best projects looking towards future, in order to transform crises into opportunities” promoted by Forum PA and ASviS.

In 2021, a survey was carried out to find out the needs and experiences of staff with disabilities after the current pandemic situation: 100 out of 117 employees with disabilities participated.

More than 300

participants to the fifth edition of the General Course “Human rights and inclusion” in 2020-2021

47

participants to the Advanced Training Course “Passion for truth: how to inform through promoting an inclusive society” (organised together with the Italian National Press Federation, the Veneto Journalists' Union and the Association Article 21)

76

personnel enrolled in the General Course “Human rights and inclusion” in the first five editions

1.085

students with disabilities and learning difficulties who chose to study at the University of Padua in 2020-2021. In 2019-2020 they were 952

537

personalised admission test requests (423 in 2019)



**The international
dimension
of reception
and inclusion**

4

refugee students welcomed in 2019-2020 and 2020-2021 as part of the project University Corridors for Refugees (UNICORE)

5

scholarship holders welcomed in 2020-2021, thanks to the CRUI call dedicated to students entitled to international protection

+200

students participating into surveys and focus groups for the project “Mentorship – towards an Italian network of inclusive universities”

2

women scholars welcomed in 2020 thanks to research grants of the network Scholars at Risk, coordinated by representatives of the University together with Trento University in 2019-2021

Equal opportunities

165

participants to the first edition of the General Course “Gender, knowledge and social justice”; 20 of them were personnel who benefited from free tuition

47

personnel who attended the online course “Genres and languages”

33

public events dedicated to equality, gender and rights in 2020-2021

647

high school female students involved in the project “NERD – Non E’ Roba per Donne (It’s not for women)?”, in collaboration with IBM Foundation in 2020-2021

15

training, study and debate activities on gender-related issues organised by the Elena Cornaro University Centre

“Milla Baldo Ceolin” kindergarten

The year 2021 saw the opening of the first kindergarten of the University of Padua named after Milla Baldo Ceolin, a physicist who graduated in Padua and well known all around the world. The aim of the nursery is to promote work-life balance for structured and unstructured research and teaching staff, as well as for technical-administrative staff and young researches, as a concrete support to their families.

The kindergarten is the result of a ten-year agreement with Ipab SPES (Teaching and Social Services) of Padua, which makes 40 places, out of 50, available to university staff at a fee 30% reduced. At the beginning of the year, 37 children are enrolled.

Education

ONLINE TEACHING DURING THE COVID-19 EMERGENCY

The continuation of teaching activities was guaranteed thanks to the use of online platforms (Moodle, Kaltura and Zoom). At full capacity, on 9 March 2020, 70,000 hours of lessons were delivered

TEACHING SUSTAINABILITY

54,2% of University courses are related to at least 1 of the 17 UN Sustainable Development Goals

DIRITTO ALLO STUDIO

8.643 scholarships provided in 2020-2021, for a total of 26,7 million euros

41.678 students who benefited from partial or total exemptions from tuition fees

STUDY SUPPORT*

13.561 requests to helpdesks dedicated to information and tutoring

12.259 students who participated in study groups and gave their support in workshops organised by the tutoring services

1.145 students involved in the Drop-out project

1.570 students involved in the Buddy project in support of foreign students

345 students involved in the project Operazione Risveglio (Awakening project), to support those who decide to restart to study after an interruption

INDIVIDUAL STUDY SPACES

3.599 Places in accredited study rooms, among them two new spaces at CUS and ESU

6 "Quiet Room" spaces dedicated to individual study or with the support of a tutor for students with disabilities, learning difficulties or other vulnerabilities

EDUCATION BEYOND THE UNIVERSITY

60 correctional facility detainees enrolled in the University took 64 exams

* Data referred to the academic year 2019-2020

Networking

The University adheres to and participates in numerous associations, consortiums, foundations, and national alliances, involved in promoting sustainable development.

The Network of Universities for Sustainable Development - RUS

In 2020-2021, the University's engagement in the activities of the Universities for Sustainable Development Network continued, with particular focus on coordinating the “Inclusion and Social Justice” Working Group, constituted at the end of 2019.

Arqus European University Alliance

The University of Padua's commitment to the Arqus European University Alliance, created in 2018 and funded by the Commission as part of the “European Universities” project, continued throughout 2020-2021. In parallel to the coordination of the action line “Widening Access, Inclusion and Diversity”, the University organised 14 events to promote the themes of the action lines engaging the alliance.

UNEP Green Nudges

In March 2021, the University joined the Green Nudges programme launched by the United Nations Environment Programme - UNEP with the aim of supporting universities in promoting sustainable behaviour among students and personnel. UNEP is the leading environmental authority that sets the global environmental agenda and promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations.

Research

The pursuit of excellence and multidisciplinary in research and the increase of attraction of competitive funding and talents are among the strategic objectives of the University of Padua. In 2020, despite the pandemic, which has severely slowed down many research activities, the University of Padua continued to invest in the support of its researchers. The total University budget amounts to about 22.7 million euros, a sum that enables Padua to stand out in the national panorama for university investments in research.

63

New competitive projects acquired in the "Horizon 2020" calls

+31%

income from competitively funded research in 2020, compared to 2019

15.861.743 €

2020 sustainability research budget

Cultural heritage, knowledge and best practices

CULTURAL HERITAGE

78.101 participants in guided tours of historical and monumental sites: Palazzo Bo, Botanical Garden and Villa Bolasco in 2020

258 opening days of the University museums in 2020

7.106 number of visitors of the University Museums in 2020

TECHNOLOGICAL TRANSFER

49 new patent applications filed up to 30th June 2021; 30 PCT extensions (Patent Cooperation Treaty) patent applications; 56 University family patents present in the portal Knowledge Share

6 new spin-offs: 3 in 2020 e 3 in 2021 up to 30th June, total of 57 active spin-off in 2020 and 58 up to 30th June 2021

RACCORDO CON IL MONDO DEL LAVORO

18.868 undergraduate and graduate students in internship in Italy, plus 564 doing internships in foreign countries

244 Individual job counselling interviews, in addition to 29 meetings and seminars, 2 workshops

2.874 CV sent in Italy and 148 abroad through the Job Placement Office. 1.877 companies used the job placement service for the first time

4 Career Days, 28 company presentations and 1 business game for data scientists, organised to promote the connections with firms

80 Civil Service Volunteers in 2020 and 57 in 2021

Communication

The University has always been committed to communication activities directed at the university community and the public, fulfilling in this way its mission as an educational institution open to the territory.

Every online communication media of the University (website, socialmedia, institutional channels, Il Bo Live newsletter), has seen in 2020 an average increase of 25%. The increase in the number of visitors of Il Bo Live magazine in 2020 compared to 2019 was 183%, an important result achieved also thanks to the quality of the articles published about COVID-19.

Despite the pandemic, the annual event “M'Illumino di meno” was renewed. Even the Sustainable Development Festival was organised, with more than 40 events in both 2020 and 2021.

ATTIVITÀ	2020	2021 (fino al 20.09)
contents dealing with sustainable development published in Il Bo Live	750	534
events (GreenMetric data) connected with the 17 Sustainable Development Goals organised by the University	781	523

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