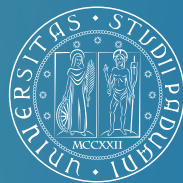


1222 • 2022
800
ANNI



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Sustainability Report 2018



Executive summary

The University of Padua

Founded in 1222, the University of Padua is among the oldest and most prestigious universities in Europe. A multidisciplinary institute of higher education lead by its quality of teaching, research, and student services. The University meets the higher educational needs for the Italian Northeast, a territory with over 7 million inhabitants and more than 650,000 businesses. As leaders in teaching and research, the University makes freedom of thought, study, and research the basis of its motto: "Universa Universis Patavina Libertas."

A community beyond

65,000 people

In a city of 215,000 inhabitants

57,914

Students

1,676

Post-graduate students

1,262

Doctoral students

2,308

Technical and administrative staff

2,201

Professors and researchers

The organization

9

organizational areas

38

central administration offices

32

departments

8

schools

3

multifunctional hubs

17

service centres

27

interdepartmental research centres

1

school of higher studies

1

experimental farm

* the data refers to the calendar year 2018 and the Academic Year 2017/2018

Sustainable UniPadua

The University has created the project Sustainable UniPadua, as a catalyst for sustainability. The project coordinates and gives visibility to all actions related to sustainability that involve the university community, including students, staff, and its governing bodies. The Sustainable UniPadua project supports the launching of new proposals dedicated to developing and implementing good practices by disseminating these initiatives within the university community and beyond. The Public Engagement Office of the Communication and Marketing Area acts as the organizational structure for the Sustainable UniPadua.

The Public Engagement Office is the coordinating link between the people who work on individual issues and all University Offices, Departments, and Centres, as well as national and international networks.



The University's
international
sustainability
rankings



World ranking
313
Italian ranking
18



World ranking
16
Italian ranking
2

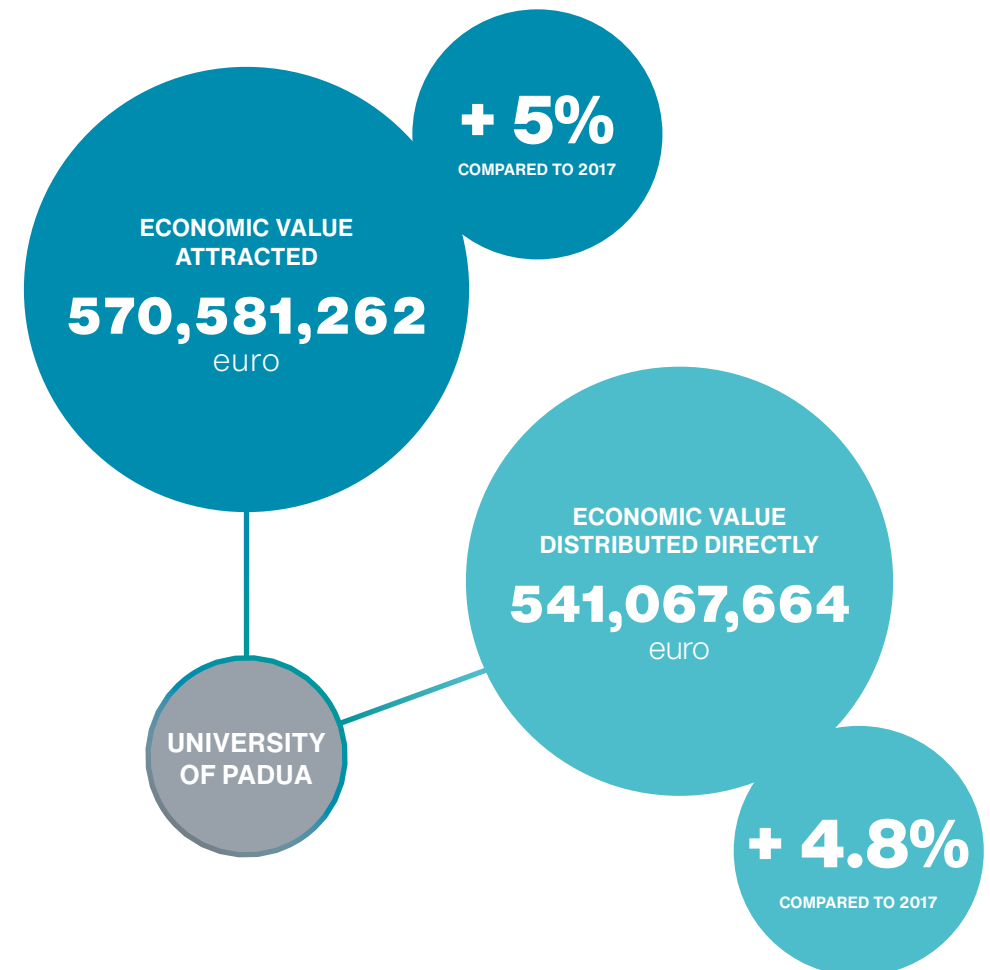
Economic value

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

Proportion of
spending on local
suppliers

44%
from Veneto

26%
from Padua



Environment and energy

In 2018, the University recorded a 2.8% reduction on overall energy consumption compared to that of 2017 thanks to the addition of energy efficient thermal plants.

Carbon Footprint

In 2019, the University of Padua committed itself to developing an inventory of greenhouse gases (GHG) by reporting and monitoring its own Carbon Footprint. The project's objective was to quantify the impact of the University during 2018, then orienting a plan for the reduction of emission and setting a baseline to measure annually the effectiveness of the actions that had taken place.

1,387
kgCO₂eq

University greenhouse
gas emissions per student
in 2018

The inventory of greenhouse gases has been certified according to the standard ISO 14064-1:2018.

Greenhouse gas emissions by activity

0.4%

337 tonCO₂eq

**fugitive refrigerant
gas emissions**

0.4%

324 tonCO₂eq

waste disposal

1.3%

1,142 tonCO₂eq

**employee
travel**

2.0%

1,733 tonCO₂eq

**international
mobility of
students**

39.1%

33,873 tonCO₂eq

**University
energy
consumption**

45.6%

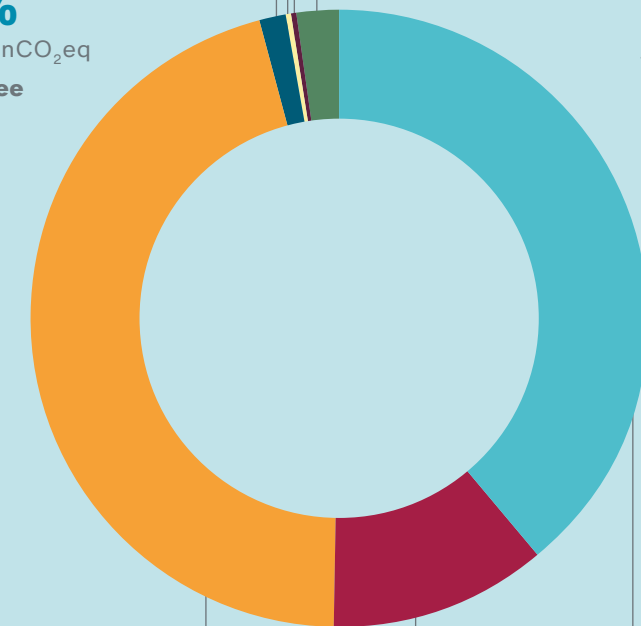
39,521 tonCO₂eq

**commuting
of students**

11.2%

9,702 tonCO₂eq

**commuting
of staff**



Resources

GREEN PUBLIC PROCUREMENT AND CIRCULAR ECONOMY

1 memorandum of understanding promoted the collaboration with the Veneto Region in the sharing of good practices for the application and development of the Minimum Environmental Criteria

100 new office workstations assembled from reused furniture and material each reallocated from other University offices and warehouses

500 regenerated computer stations from 2014/2015, increasing their life cycle by 3 years with an increase in their performance index by 40%

DEMATERIALIZATION AND DIGITIZATION

15 tons of paper annually saved

18 ton decrease of CO₂ released into the atmosphere annually

WASTE

87.5% of waste produced in 2018 sent for reuse, recycling, incineration, or compost

Mobility and transport

In 2018, the University sent out a survey on home-university travel that was completed by **15,178 people**, including **45% of university staff and 22% of the student body**. The data collected demonstrated a map of commuting habits of the university community which was used to finalize the draft “Plan for home-work travel / study 2019-2021”. The survey showed that **87% of students use sustainable means, travelling to the University on foot, by bicycle, or with public transport, while only 53% of staff** use these means of travel.

2018 Initiatives for mobile sustainability

300,000
euro budget

for the sustainable mobility of personnel with the University supplementary welfare agreement. The agreement provides for a reimbursement of up to 50% of the expenses incurred in the purchase of tickets for all Italian public transport systems, including round trip travels from home to work.

1

new parking hub for the University community at the “Cittadella dello Studente”, near the historic centre, equipped with shuttle bus and bike sharing services.

2

hybrid vehicles leased for the needs of the central administration

Personal Wellness

As part of its institutional framework, the University of Padua presented the “**Wellness network**” in 2018. The network deals with discrimination, gender equality, equal opportunity, as well as services for health, well-being, and inclusion. The “Wellness network” offers advice in a safe environment and promotes initiatives and activities aimed at healthy and wellness-oriented lifestyles.



2018 actions for Promoting Wellness

+14%

of flexible, part-time and work from home contracts in 2018 compared to the previous year (139 applications for work from home and 280 part-time contracts respectively).

+139%

budget increase for university welfare compared to that of 2017. With a total of 1.7M euros dedicated to economic benefits for health costs and other needs, as well as contributions and agreements for child educational services benefits for those enrolled in degree courses, along with a stipulation of a supplementary health insurance policy and further interventions.

+18%

budget increase dedicated to wellbeing and sports activities compared to that of 2017. The University's contributions to the University Sports Centre and the Cultural and Sports Recreational Association are growing, as is the investment in wellness and sports projects (courses of Tai Chi Chuan, Yoga and Mindfulness, healthy and sustainable cuisine).

Inclusion

The Inclusive University Project of Padua, *Università Inclusiva*, is based on the involvement of all members of the university community to create a widespread and inclusive network. With personalized support from 10% staff, the activities for an inclusive education are promoted alongside 400 students, tutors, and volunteers from the Italian Civil Service.

The Inclusive University project *Università Inclusiva* also provides **training courses** for University staff at a special discounted rate. Courses are available in Human Rights and Inclusion as well as an Interuniversity Master's Degree in Social Innovation and Inclusion. In February of 2018 a memorandum was signed between the University of Padua and the regional school offices of Veneto with the aim of making schools and universities more open to the different needs reflected in today's society.



+11%

increased enrolment of students with disabilities and learning disorders who have chosen to study at the University of Padua in the last year. The number of graduate students is also growing.

93%

satisfaction rate for University staff members with disabilities when asked about the work environment and accessibility during interviews held under the project called “Barriers and supports”. The project offered a view on how to map out the needs of University staff members with disabilities for future projects.

Equal opportunity

20 public events related to equal opportunities and non-discrimination issues such as the *Incroci di genere* (Gender Equality), *Parole e azioni per la parità di genere* (Words and Actions for Gender Equality) and, “Universa - Equality Talks”

6 editions of the training course “*Generi e linguaggi*” (Genres and languages) for institutional and administrative communication among staff on the use of gender neutral language

59 female students, in collaboration with IBM, are involved in the project “*NERD - Non È Roba per Donne?* (What’s not for Women?). The project aims at sharing with high school students a passion for STEM disciplines (science, technology, engineering, and mathematics) by encouraging them to undertake university courses in these areas

2 *Career Alias* profiles added in 2018 by the university, guaranteeing gender transitioning students to be able to live in a positive study environment based on fairness and mutual respect under the eyes of the Italian law to 164/1982. The Alias is a pledge to respect, dignity and privacy. Since 2013, 7 students have activated a *career alias* profile

1 Protocol of understanding with the Veneto Region, the Regional Equality Councillor, as well as the Universities of Padua, Verona, Ca’ Foscari, and IUAV of Venice for sharing resources and tools to build gender equality within social and labour spheres

The Centre for knowledge, culture, and gender policies

The “Elena Cornaro” University Centre was established in August of 2018, in support of gender knowledge, culture, and policies. The Centre brings together researchers, teachers, and students from the University of Padua. It collects the legacy, and history of research groups and centres that over time have worked for equal opportunities, gender equality and gender research in our institution.

Education

TEACHING OF SUSTAINABILITY

40% of courses offered at the University are related to at least one of the 17 Sustainable Development Goals (SDGs) set by the United Nations in 2015

RIGHT TO STUDY

6,303 scholarships provided in the academic year 2017/2018, for a total of 19.3M euros

36,916 students benefited from partial or total exemptions from tuition and university students expenditures

STUDY SUPPORT

6,350 students participated in study groups organized by the University tutoring services

1,300 students involved in the “Drop-out” project, dedicated to developing student retention

1,110 students involved in the Buddy project, supporting foreign students to acclimate themselves in Padua

200 students involved in the project *Operazione Risveglio* (Operation Awakening), to support those who resume a course of study after a period of interruption

TEACHER TRAINING

1,300 registered in the training course 24 CFU (D.M. 616/2017)

28 courses taught in Blended Learning for the sustainability processes of work life balance

EDUCATION BEYOND THE UNIVERSITY

42 convicts registered with the University while incarcerated

2 University courses in the Republic of Cameroon as part of the Engineering for Africa Project

Networking

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

The Network of Universities for Sustainable Development

The RUS *Rete delle Universitaira per lo Sviluppo Sostenibile* (Universities for Sustainable Development), is a network promoted by the CRUI (Conference of Rectors of Italian Universities) with the aim of coordinating Italian universities in sharing good practices and experiences on sustainability issues such as mobility, waste management, energy efficiency, climate change, education, and food.

ARQUS European University Alliance

The Arqus European University Alliance, whose works officially started in October 2018, is one of the 17 thematic consortia selected by the European Commission under the “European Universities”. This alliance recognises the University of Padua for its action line experience in “Widening Access, Inclusion, and Diversity”. In addition to broader access and inclusive university policies, the alliance also promotes innovative teaching and learning methods, multilingualism in the university community, sustainable development through research, education, and awareness in a European context, as well as is the involvement of organisations and companies from local territories.

Cultural heritage, knowledge and good practices

Through the enhancement of its cultural heritage the University is able to transfers its skills, knowledge and resources to surrounding territories. This collaboration results in the development of sharing good practices for the entire community.

CULTURAL HERITAGE

50	historical buildings covering over 250,000 m ² of local territory
13	museums open to the public, to which the Geographical Museum will be added in 2019, the Museum of Nature and Man, as well as the Historical Museum of Plant Biodiversity
20	libraries with over 24,950 antique volumes
260,000	tourists a year pass through Padua visiting the historical and monumental sites (Palazzo Bo, Orto Botanico, Villa Bolasco) and the University museums

TECHNOLOGICAL TRANSFER

20	new patent applications filed in 2018
7	new spin-offs set up and 4 companies recognized in 2018, bringing the number of University spin-offs to 79

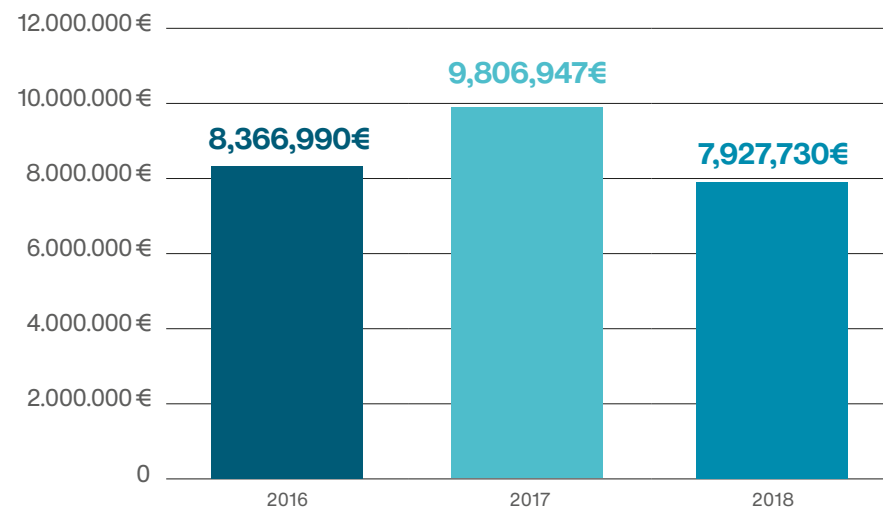
CONNECTION WITH THE WORLD

23,257	internships within Italy, and an additional 673 internships abroad
349	individual job counselling, in addition to the 16 seminars, 6 workshops, and 24 training sessions on transversal skills
3,887	CV's sent within Italy and 94 abroad from within the universities job placement program, including 492 companies using the service for the first time
4	Career days, 26 company presentations, and 1 business game for data scientists organized to promote relationships with companies

Research

As a multidisciplinary institution, the number of University of Padua research activities in the field of sustainability are innumerable. With the objective to equip itself with monitoring tools, the University started to map out research projects as well as products in relation to sustainable development issues and related funding. Conducted survey's have steared the University towards participating in GreenMetric rankings. The survey's conducted used a list of keyword, each designed to cover the 17 themes of Sustainable Development Goals set by the United Nations for 2030, to be used throughout all University Departments and Centres.

Sustainability research budget



Publications on sustainability issues

2016
1,090

2017
1,138

2018
1,136

Communication

In 2018, the University began to put more attention on the issues of sustainable development. With in-depth information on current events, research, policies and actions taken by the University with the goal to inform its students and the public on these critical issues. Active participation in initiatives held at both national and international stages has been promoted to raise awareness and getting all members of the university community involved to its cause.

Good practices in communication sustainability

Plastic-free events. The plastic bottles and cups used during speaking engagements have been eliminated and replaced with filtered tap water, served in a glass, paper, or compostable materials.

Sustainable gadgets. Over 6,000 biodegradable plastic bottles distributed to the participants of VenetoNight and Kids University, while the dates printed on each t-shirt of the two events were removed, making them reusable for the following year.

Less print, more green. Over the years, there has been a gradual reduction in printed products, due to the integration of constantly updated information online. As for the choice of paper, the University went beyond the use of FSC certified products. The University focused on paper manufacturing that combined materials found in the local territory, including cellulose from food production waste, leather processing, or other innovative papers.

485

sustainability-related content published on social media channels and on Il BoLive

649

events, conferences and conventions dedicated to issues related to sustainability

COMMUNICATION AND MARKETING AREA

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