

CONTRIBUTIONS TO AGENDA 2030

SUSTAINABILITY REPORT 2022



TECHNICAL SPECIFICATIONS

TITLE

Contributions to the 2030 Agenda | Sustainability Report 2022

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ACRONYMS & ABBREVIATIONS

01.Ed	Strategic Axis Education	EAEVE	European Association of Establishments for Veterinary Education
02.IP	Strategic Axis Pedagogical Innovation	ECAV	School of Agricultural and Veterinary Sciences
03.EQ	Strategic Axis Teaching and Quality	ECHS	School of Humanities and Social Sciences
04.Inv	Strategic Aim: Research	ECT	School of Sciences and Technology
05.IPC	Strategic Aim: Infrastructures and Scientific Projects	ECVA	School of Life and Environmental Sciences
07.Int	Strategic Aim: Internationalization	EDUlearn	International Education Conference
08.PRI	Strategic Aim: Partnerships and International Relations	ESN	Erasmus Student Network
09.UDTDMA	Strategic Aim Digital University, Digital Transition and Administrative Modernization	ESS	School of Health
10.PT	Strategic Aim: Planning and Territory	FAQs	Frequently Asked Questions
11.Pat	Strategic Aim Heritage	GCI	Communication and Image Office
12.IAS	Strategic Aim Innovation and Social Action	GEFIP	Office of Teaching, Training and Pedagogical Innovation
13.SBE	Strategic Aim: Health and Well-Being	GPAM	Planning, Evaluation and Improvement Office
14.Cul	Strategic Aim Culture	HACCP	Hazard Analysis Critical Control Point
15.CI	Strategic Aim Communications and Image	HV	Veterinary Hospital
AAUTAD	UTAD's Academic Association	INEM	National Institute of Medical Emergency
ACESMDN	Grouping of Health Centers of Marão and Douro North	JIDP	Inter-institutional Pedagogical Development Days
ANI	National Innovation Agency	LEF	River Ecology Laboratory
APCVR	Vila Real Cerebral Palsy Association	SDG	Sustainable Development Goal(s)
BII	Integrated Information Desk	PPRO	Operational Pre-Requirement Programs
CCRS	Center for Culture and Social Responsibility	PRR	Recovery and Resilience Plan
CITAB	Center for Agro-Environmental and Biological Research and Technologies	SBE	Health and Well-Being
CMAT	Center for Mathematics (Research Pole)	SiGQ	Integrated Quality Management System
CNaPPES	National Congress on Pedagogical Practices in Higher Education	SSIC	Information and Communications Systems Services
CQ	Chemistry Center of Vila Real	UC	Curricular Unit
CRAS	Center for Recovery of Wild Animals	UID	Research and Development Unit(s)
CRI	Center for Integrated Responses	UNESCO	United Nations Educational, Scientific and Cultural Organization
CS/11	Sectorial Commission for Education and Training	OFU	Organic and Functional Units at UTAD
DSD	Distribution of Teaching Service	UTAD	University of Trás-os-Montes and Alto Douro

INTRODUCTION

This document aims to demonstrate the contribution of the activities undertaken in 2022 by the University of Trás-os-Montes e Alto Douro (UTAD) in achieving the Sustainable Development Goals (SDGs) recommended by the United Nations Agenda 2030.

Since the Strategic Program 2021-2025 of UTAD is the reference until 2025, this document advocates an Agenda consisting of 15 Strategic Axes.

Each Axis defines a set of Actions, materialized annually in Strategic Operations that in turn, and to the extent possible, are aligned with one of the SDGs. This document aims to relate and show the execution of activities in relation to the SDGs.

The various Organic and Functional Units (OFU) of UTAD (Schools, Offices and Services) were also asked to address in their 2022 Activity Reports the main SDGs to which their activity contributed.

The identification of the activities carried out by the various OFU, and their alignment with the SDGs, although not extensive, reveals UTAD's commitment to achieving the goals of the 2030 Agenda.

Figure 1 shows the impact, visually and in number of activities, by SDG.



Picture 1. UTAD's contributions for achieving the SDG 2030

ACTIVITIES THAT CONTRIBUTED TO THE SDG 2030 IN 2022

By Sustainable Development Goal, we present below some of the contributions of activities, at UTAD and in partnership, to achieve the 2030 Agenda (and which OFU and/or axes involved).



SDG 1 | No POVERTY

Eradicate poverty in all its forms, everywhere.

According to the National Statistics Institute, in 2020 the risk of poverty affected 1.9 million Portuguese people.

The activities developed by UTAD and that contributed to this goal were aimed at supporting people with economic difficulties, as well as developing knowledge to contribute to the mitigation of this goal (Table 1).

Table 1. Activities contributing to SDG 1

Activities	Axis and/or OFU
The Center for Culture and Social Responsibility (CCRS) held a campaign to collect toys for Bagos Douro, an association that aims to help children in need in the region	CCRS/GCI
The CCRS is also associated with <i>Mais Social</i> , an entity tutored by the Vila Real City Hall that aims to support children in need.	CCRS/GCI
Training actions that trained technicians in several areas.	GEFIP
Establishment of partnerships for the attribution of scholarships in Forestry Sciences and Oenological Sciences.	ECAV



SDG 2 | ZERO HUNGER

Eradicate hunger, achieve food security, improve nutrition, and promote sustainable agriculture.

This SDG embodies goals related to hunger and the adoption of sustainable agricultural and consumption practices, aimed primarily at improving living conditions in underdeveloped or developing countries. In developed countries, the problem is related to a diet that is inadequate to the needs of an increasingly sedentary population, resulting in a growing proportion of overweight and obese people.

According to Table 2, at UTAD this goal has been addressed in 3 ways:

- nutritional counseling and provision of healthy menus;
- incorporation in the Study Plans of courses in the agricultural area of topics related to sustainability and food safety;
- knowledge production.

Table 2. Activities that contributed to SDG 2

Activities	Axis and/or OFU
Implementation of the project Seal of Excellence "Healthy Eating in Higher Education" which encourages higher education institutions to promote healthy eating in the academic community through: (i) healthier food options in the institution's spaces; (ii) increasing literacy in the area of healthy eating. In 2022 of the 17 requirements on the checklist of this benchmark, 10 were implemented (59%).	13.SBE
Project "Diagnosis of health and well-being of the academic community: Eating Habits, Physical Activity and Psychological Well-Being (Acad3SBE)", through the application of questionnaires to stakeholders.	13.SBE
Communication and Education Plan.	13.SBE
Celebration of World Food Day in partnership with the Center of Nutrition Students.	13.SBE
Recruitment of a Professional in Nutrition Sciences to support the preparation of menus in the canteens, counseling and other activities related to the scientific area.	13.SBE
Courses related to agriculture, nutrition and food safety, addressing the issues of sustainable agriculture.	ECAV
UTAD FOOD ALLIANZ Project - Food chain from field to plate.	ECAV
Dairy-4-Future Project - Promoting innovations for a more resilient dairy sector in the Atlantic Area.	ECAV
DMIMPT Project - Development of methods for the identification of mechanical properties in tissues of plant origin.	ECT
"Know what I eat" in partnership with the Alliance Against Hunger and Malnutrition Portugal.	ECVA
0HungNetw project - Resilience and sustainability in agriculture and food systems - effects on food security, poverty eradication and natural resource protection.	ECAV
Project VALORIZEBYPRODUCTS - Preclinical efficacy of sulforaphane or complete Brassica extract: a strategy to fight obesity and valorize Brassica by-products.	ECAV



SDG 3 | GOOD HEALTH AND WELL-BEING

Ensure access to quality health care and promote well-being for all, at all ages.

This goal aims to ensure improved health for all, improving child, maternal and reproductive health, and reducing cases of a specific set of diseases with mandatory declaration, as well as deaths from non-communicable diseases and behaviors related to substance abuse.

UTAD promotes healthy habits on a daily basis, assumes physical activity as one of the strategies for promoting healthy styles and ease of access to consultations in achieving well-being, as detailed in Table 3.

Table 3. Activities that contributed to SDG 3

ACTIVITIES	Axis and/or OFU
Project "Diagnosis of health and well-being of the academic community: Eating Habits, Physical Activity and Psychological Well-Being (Acad3SBE)", through the application of questionnaires to stakeholders.	13.SBE
The project "UTAD Sports" makes available a physical space and equipment to the gym for individual and group exercise sessions.	13.SBE
Organization of the "Health and Wellness Week 2022" in partnership with ACESMDN, AAUTAD, ESS and the Municipality of Vila Real.	13.SBE
Availability of sports structures to the teams that represent AAUTAD. Meetings were held with the Presidency of AAUTAD, in order to promote partnership actions, we highlight the Health and Wellness Week, the intervention aiming to prevent substance abuse during the event <i>Caloirada aos Montes 2022</i>	13.SBE
UTAD Sports" has a channel to disseminate the sporting initiatives of AAUTAD.	13.SBE
Partnership agreement with the Regional Health Administration of the North, IP, having been established the general principles governing cooperation in the dissemination, implementation and evaluation of intervention programs and responses aimed at reducing addictive behaviors and addictions among the academic community of UTAD.	13.SBE
In partnership with CRI - Vila Real, implementation of the program "Riscos e Desafios" (Risks and Challenges), with the purpose of developing interpersonal skills, autonomy and interdependence, time optimization, lifestyle management, integrity and positive interpersonal relationships.	13.SBE
"Health Wellness Course at UTAD", and creation of the "UTAD Seed Group", composed of students and workers, to start the implementation of the PEER-IESS model, facilitating its adequacy and efficiency.	13.SBE
Street intervention "Antes que te Queimes" for prevention and harm reduction in the event "Caloirada aos Montes 2022".	13.SBE
Access, to people from the academic community, to consultation and information needed for smoking cessation.	13.SBE
Awareness raising action on the world day without tobacco. 13.SBE	13.SBE
Face to face sessions with 1st year students in order to promote academic transition and integration in Higher Education.	13.SBE

ACTIVITIES	Axis and/or OFU
Webinar on Anxiety.	13.SBE
Availability of Clinical Psychology Consultations.	13.SBE
Availability of General Medicine Consultations.	13.SBE
Availability of Nursing Consultations.	13.SBE
Webinar on Moral Harassment at Work.	13.SBE
Basic Life Support course involving non-teaching and non-research workers.	13.SBE
Course "Mass Training in Basic Life Support" in partnership with INEM, directed to the Academic Community.	13.SBE
Constitution of the Code of Conduct Group for the Prevention and Combat of Harassment at work at UTAD.	13.SBE
Construction of the Code of Conduct for the prevention and combat of harassment at work at UTAD.	13.SBE
Mapping of spaces around campus buildings, in which smoking areas are marked, in order to define smoking and non-smoking areas.	13.SBE
Survey of needs and Acquisition of "first aid bag/box/closet" and current consumption material.	13.SBE
Preparation of the specifications for the acquisition of external services of integrated Security and Health at Work.	13.SBE
Constitution of the Health & Wellness Group.	13.SBE
Reformulation of the content of the Sport, Health and Wellness Services' website.	13.SBE
General Regulations for the use of UTAD's Sports Spaces, Facilities and Equipment (Dispatch RT-12/2022).	13.SBE
Internal Regulation of the Health Unit of SASUTAD (Dispatch RT-13/2022).	13.SBE
Verification of Pre-Requirements in the food units (Waste Management, Disinfestation, Hygienization Plans, Monitoring records). GPAM	GPAM
Implementation and control of the Hazard Control Plan (HACCP Plan and PPRO) (Analytical Control (Internal and External), Equipment Verification, Monitoring records, Equipment Calibration, Traceability).	GPAM
Implementation of the Food Safety System.	GPAM
Clinical follow-up of the HVUTAD and Department of Animal Science's animals, accommodation, feeding and prophylaxis of the Beagle breed dogs, Lusitano horses and bovine cattle, used in the teaching of MIMV's curricular units. The clinical extension service at HVUTAD is ruled by quality standards and good practices, namely the rational use of antibiotics, in a One Health perspective.	HV
One Health webinars cycle.	ECAV
P4Regenera Project.	ECAV

ACTIVITIES	Axis and/or OFU
Healthy Steps in Peripheral Arterial Disease. Research and extension program in partnership with the Hospital of Trás-os-Montes e Alto Douro (CHTMAD).	ECVA
LungCARD - Blood test for clinical therapy guidance of non-small cell lung cancer patients.	ECVA
PulmaGene - Genetic analysis of blood to guide therapy of non-small cell lung carcinoma (NSCLC) patients.	ECVA
WalkingPad: Patient education on a quantified supervised home-based exercise	ECVA
MOVE24 Dissemination, Monitoring and Surveillance of the Portuguese 24-Hour Movement Guidelines: making the whole day matter.	ECVA
Resolving Robertsonian translocations in humans: validation of an experimental strategy to unlock Robertsonian centromeres.	ECVA
Synchronous and asynchronous tele-exercise to encourage the participation in sport and physical activity and to promote them as a tool for Health (TELEexe4ALL).	ECVA
Test, Test, Test: "upscaling" of the laboratory diagnosis of SARS-CoVCoV-2 at UTAD's COVID-19 Testing Center.	ECVA
"Meno(s)Pausa+Movimento" - Program to Promote Exercise and Health in Postmenopausal Women. Project in Collaboration with the Municipality of Penafiel and the Regional Health Administration of the North.	ECVA
Projects: Health Literacy of the Higher Education population: Challenges in Portugal; Continental Factory of Future; Tutoring assisted by artificial intelligence and World Breastfeeding Week	ESS



SDG 4 | QUALITY EDUCATION

Ensure access to inclusive, quality and equitable education and promote lifelong learning opportunities for all.

This goal aims to ensure inclusion and the right to an equitable and quality education, taking into account that education is fundamental to the development of individuals and society. It also includes the improvement of literacy levels and aptitude for mathematics, the right to vocational training and experience with new technologies, as essential requirements for this development.

The offer of quality education aligned with national and international standards is one of the main concerns and field of action of UTAD, which seeks to implement a Program of Training Offers of quality, with curricular Plans aligned with the current demands of the labor market and the best use of resources available to education and training, seeking that these are accessible to all, as shown in the Table 4

Table 4. Activities that contributed to SDG 4

ACTIVITIES	Axis and/or OFU
Annual Course Creation and/or Alteration Plan.	01.Ed
Proposals for changing courses.	01.Ed
Proposals for the creation of courses.	01.Ed
Identification and selection of Curricular Units whose transversal character may justify their inclusion in the syllabus of courses in related scientific/disciplinary areas and establish the grouping on the DSD platform of CUs common to courses belonging to different Schools.	01.Ed
Strategy and fixing of vacancies for courses at the different levels of education.	01.Ed
Attention so that the curricular structure of the new proposed courses contemplates the acquisition of transversal competencies that respond to the current demands of the labor market.	01.Ed
Incorporation of "Internships" in a business context in the syllabus of the new Masters courses.	01.Ed
Priority to the adoption of a teaching/learning process methodology more student-centered and capable of leading to the acquisition of these competencies.	01.Ed
Annual edition of the Soft-skills Plan for students, creating conditions and incentives for them to feel more mobilized to participate in this plan, as a privileged means of strengthening their interpersonal relationships.	01.Ed
In the proposals for restructuring the 2nd cycle study plans that have been presented, in addition to better adapting and optimizing the contact hours, so that they do not exceed 18 hours/week in each semester, an attempt was made to introduce adjustments in the syllabus of the CUs, aiming at the desirable complementarity and specialization, and avoiding repetition and redundancies, in comparison with those covered in the undergraduate degrees.	01.Ed
Guidelines for the Preparation of the Distribution of Teaching Service (DSD) with a multi-annual character and made official through the Order RT - 8/2022.	01.Ed
Maintain the operation of preparatory courses for those aged 23 or older, as a way to increase the number of potential candidates to enter the 1st Cycles through this competition.	01.Ed
Create conditions for an increase in the attraction of candidates to attend these courses, through better and wider dissemination of the same with the collaboration of the GCI and using social networks.	01.Ed
Participation in CNaPPES.22 and EDUlearn'22, with the papers: "Teachers' Perceptions of Pedagogical Training at UTAD" and "Pedagogical training of teachers in Portuguese Public Higher Education Institutions".	02.IP
2021/2022 Tertulias: Fall Tertulia- Pedagogical Training; Spring Tertulia- Teaching in English at the University: Opportunities and Challenges; Summer Tertulia- Student Self-Assessment: limitations and opportunities.	02.IP
Dynamization of the community in the Pedagogical Gatherings and in the Pedagogical Innovation Newsletter.	02.IP
Pedagogical training program for UTAD teachers, consisting of a diversified range of training - 7 training courses.	02.IP

ACTIVITIES	Axis and/or OFU
Participation in the JIDP as co-organizer in the 7th edition and with 3 training courses (5 UTAD trainers).	02.IP
Conducting evaluation questionnaires to the trainees in all pedagogical training courses offered to UTAD teachers.	02.IP
In the academic year 2021/22, two training actions were carried out for pedagogical and technological training of UTAD teachers in b-learning and e-learning teaching methods:	02.IP
1st semester of 2021/22, Microsoft Teams: Organization and Communication for Teaching.	02.IP
2nd semester 2021/22 - Colibri/Zoom Videoconferencing Software.	02.IP
Creation of the regulation for awarding a prize to the best teachers, identifying innovative teaching methodologies and involving students in the evaluation.	03.EQ
3 new Post-graduate courses were created: Postgraduate in Modeling and Scientific Computing; Postgraduate in Industrial Engineering and Management; and Postgraduate in Mechatronics Engineering (PG-EMT). The Postgraduate Diploma in Industrial Engineering and Management is in operation.	03.EQ
Define the procedures related to A3ES benchmarks (benchmarks 2, 3, 4 and 5) in the UOEI (Schools).	03.EQ
To appoint the Quality Committees in the Schools.	03.EQ
Identify and establish the interconnections of the UOEI procedures with the ISO 9001 procedures with the Support Services for Teaching-Learning.	04.Inv
Create Quality Commissions in the UIDs.	04.Inv
Survey on the participation of researchers in Horizon Europe.	04.Inv
Awareness Plan for the participation of researchers in international collaborative networks.	04.Inv
Improvement of institutional conditions to support international applications (grants and projects under Horizon Europe): Promote regular information sessions with researchers on the funding programs under Horizon Europe, through ANI technicians. At the same time, encourage Research Unit and Pole Directors to participate in the information sessions promoted by the European Commission, distributing specific information.	04.Inv
Participation in ICA meetings and US actions.	04.Inv
Development of continuous training plan for agents associated with scientific research.	04.Inv
Implementation of the continuous training plan for agents associated with scientific research.	04.Inv
Establishment of a multi-year schedule with the anticipated possibilities for opening calls for funding.	04.Inv
Identification and establishment of contacts to initiate partnerships for participation in projects (PRR) of the Mobilizing Agendas.	04.Inv
Communicating research impact results to society, through the elaboration of news that emanate from researchers, via the Directorates of the Research Units and the Poles, in harmony with the GCI.	04.Inv
Creation of ORBEA's Website containing all the necessary institutional information (mission, statutes and regulations).	04.Inv

ACTIVITIES	Axis and/or OFU
Identification of researchers with high potential in the management of structuring projects	04.Inv
Implementation of a continuous training plan for the elements of GAI-UTAD.	05.IPC
Planning of the transfer process of simplified processes to researchers.	05.IPC
Creation of the GAI-UTAD website, with links to all the scientific activity carried out at UTAD.	05.IPC
Create and keep updated in GAI a list of opportunities to participate in projects.	05.IPC
Periodic dissemination of the list of opportunities to participate in projects.	05.IPC
List of clarifications (FAQs) to be sent to researchers.	05.IPC
Planning of a support service for writing and developing applications.	05.IPC
Organization of the EliteSci to share the annual results of the scientific research activity.	05.IPC
Prospection missions for attracting students to Latin American countries and Brazil. Under the scope of the Universities Portugal project, 2 fact-finding missions were carried out: 1 to Mexico and 1 to Colombia.	07.Int
Visit to the Portuguese Community Association in Mexico and the Portuguese House in Bogota, under the Universities Portugal project.	07.Int
Co-organized the International Student Welcome Week with the Erasmus Student Network (ESN), with welcome activities at UTAD, at the municipality and at several institutions in Vila Real.	07.Int
International Day and International Dinner.	07.Int
Carried out 5 dissemination actions with the Schools + 2 dissemination actions with the services.	07.Int
A total of 20 fairs were held (online and in-person). In the 1st semester we had: 2 fairs in Mexico City; 2 in Colombia; 4 in Brazil. In the 2nd semester: 2 in Santiago de Chile; 2 in Mexico and Colombia and 6 in Brazil. Participation in the European Association for International Education, Barcelona. 2 online European Higher Education Virtual Fair with India. Participation via AICEP in a fair in Japan.	07.Int
Update, in UTAD's website / GRIM, all the agreements of the Erasmus + program in force.	07.Int
Disclosure, at UTAD / GRIM webpage, of the necessary documents for the various mobilities, as well as the checklists of Activities to perform, both for the students in mobility (outgoing and incoming) and for the staff (teaching and non-teaching).	07.Int
Two free courses of English as a Foreign Language - English Independent User: B1 (Intermediate English) and B2 (Upper-Intermediate) - for teachers and non-teaching staff.	07.Int & 01.Edu & 02.IP
A free course in English for Academic Purposes (EAP) C1 (advanced) for teachers and non-teaching staff.	07.Int & 01.Edu & 02.IP
Free courses of Portuguese as a Foreign Language (PLE), for Erasmus students at UTAD (incoming): A1 and A2/B1.	07.Int & 01.Edu & 02.IP
Streamlined procedures so that foreign students (incoming) have their UTAD credentials right at their arrival: 1st semester and 2nd semester.	07.Int & 01.Edu & 02.IP

ACTIVITIES	Axis and/or OFU
Streamlined procedures for incoming students to register in SIDE immediately upon arrival and to be able to make changes in the following 30 days.	07.Int
Integration activities for international students, such as thematic weeks, in partnership with the Erasmus Student Network associations and the Association of African Students at UTAD.	07.Int
Acquisition of teaching services for the PLE (A1 and A2/B1), EFL (B1, B2) and EAP (C1) courses.	07.Int
Contacts with partners under the Erasmus + KEY Action 1: Learning Mobility of Individuals.	08.PRI
Contacts with partners in the scope of Erasmus + KEY ACTION 2: Cooperation among organisations and institutions (Knowledge Alliances/ Capacity-building in the Field of Higher Education).	08.PRI
Leadership and participation in the European Consortium "CURE Alliance - Consortium of Universities with Regional Engagement".	08.PRI
Updating of the computer infrastructure supporting SIDE, having also implemented <ul style="list-style-type: none"> - functionality for digital signature of agendas; - integration with Bullet Solutions' timetable generation and optimization system; - solution for recording student attendance that will be tested in the 2nd semester of the 2022/2023 academic year. 	09.UDTDMA
Completion of the renovation works of the new AAUTAD space (air conditioning, furniture and outdoor lighting).	11.Pat
Repair of the roof of the Sports Nave.	11.Pat & 12.IAS
Geosciences Auditorium concluded. Agricultural Sciences Auditorium to be concluded by the end of January 2023. Improvement works in classrooms and faculty space were also completed: ECHS Pole I (5 spaces), ECT Pole I (2 spaces), ESS (2 spaces) and ECT Pole II (3 spaces).	11.Pat
Meetings to strengthen and/or attract partner entities and define audiences.	14.Cul
Definition of a monthly program, based on ephemerides and cultural events previously scheduled by the entity.	14.Cul
Meetings with students (nuclei/AAUTAD) to map needs.	14.Cul
Joint actions with stakeholders to provide a reflective and cultural climate at UTAD.	14.Cul
Promotion of meetings with students to verify the needs identified.	14.Cul
Implementation of joint actions that result from the collective demands of students.	14.Cul
Meetings and participation in joint events with external entities in the cultural area	14.Cul
Cultural agenda	14.Cul
Cultural projects and partnerships with the Municipality of Sabrosa, the Municipality of Peso da Régua, (and other entities)	14.Cul
Cultures developed in 2022: 1st semester: Miguel Torga; Honoris Causa Graça Morais, Seara Nova, José Saramago, just to name 4; 2nd semester: Gala Vinhos Alumni, Fernão de Magalhães, Moliere, 75 years of Voz de Trás-os-Montes, just to name a few.	14.Cul

ACTIVITIES	Axis and/or OFU
Creation of a crisis plan.	15.CI
Creation of the welcoming manual.	15.CI
University Newspaper (1 issue per week).	15.CI
Thematic/cultural programs (4 per month).	15.CI
Daily news synthesis (1 emission/day).	15.CI
Hosting and guidance of a 210-hour internship in the EFA Administrative Technician course, equivalent to the 12th grade.	BII
Attendance of certified training.	BII
In several events held this SDG [04] was always present in latent mode (whether in the Registration Week, in the Inclusion Week, or events more related to scientific research in different areas).	CCRS
This SDG [04] is almost in all the Activities developed by GCI and that aims to ensure access to inclusive, quality and equitable education, and to promote lifelong learning opportunities for all.	GCI
Core business of GEFIP (training, pedagogical innovation, learning evolution).	GEFIP
Monthly meetings of the Sectorial Commission for Education and Training (CS/11) and in the respective Thematic Groups.	GPAM
Participation in the Portuguese Network of Tutoring Peer Mentoring.	GPAM
Support for EAEVE certification of the Integrated Masters in Veterinary Medicine.	GPAM
Support in the accreditation processes of study cycles.	GPAM
Support for the Internal Quality Assurance System Certification process.	GPAM
Support to the implementation of the Integrated Quality Management System (SiGQ), linking the ISO 9001:2015 standard with references of the Internal Quality Assurance System by A3ES.	GPAM
Promotion and monitoring of the Tutoring Mentoring Program of UTAD.	GPAM
Collaboration in MIMV's teaching activities, as well as in other UTAD courses, either through the provision of human resources or technical resources and facilities.	HV
Support to the MIMV's dissertation thesis through technical means, casuistry, and/or cession of biological samples.	HV
Offering internships, for degree courses in the different areas.	HV
Development of research and outreach activities to the community. Support to other licentiate and master's degrees, namely Master in Laboratory Biology, Degree in Psychology, Master in Biotechnology and Health Sciences.	HV
6th teacher training course for the preservation and valorization of the douro world heritage.	ECHS
International Conference Cycle 'Education in Prisons - directions and challenges'.	ECHS

ACTIVITIES	Axis and/or OFU
Phenomenological Psychology Applied to Clinics Course, through case studies: Anorexia and oncological disease.	ECHS
Portuguese preparatory course.	ECHS
XV Upgrading Course for Primary School Teachers.	ECHS
8th Cycle of Seminars of Health Education.	ECHS
9TH WORLD CONFERENCE ON LOCALIZED AGRI-FOOD SYSTEMS (SYAL).	ECHS
Portuguese Association for Education in Prisons.	ECHS
International Congress "A VIAGEM DE FERNÃO DE MAGALHÃES. INTERCULTURAL, SCIENTIFIC DIALOGUES AND INTERTEXTUALITIES".	ECHS
VII Autumn Meeting of the Portuguese Forum of Educational Administration: Computing Platforms in Schools: at the service of autonomy or control?	ECHS
1st and 2nd Cycle Internship Protocols with local companies, which may be consulted at GEFIP.	ECHS
The ECHS President, together with the Pedagogical Support Structure, has organized a page entitled "Student Support", which is inserted in the ECHS/UTAD webpage. By this way it allows a better connection between the School's Pedagogical Support Structure and the students. In this page, students can request clarification requests; comments and suggestions, justification of absences, access to forms and answers to some questions/doubts	ECHS
Dynamization of the Workshop entitled "Computational Thinking in Science Teaching", included in the event Mathematics with Life - Different views on Computational Thinking.	ECT
In the context of the commemorations of Mathematics Day inserted in the Short II session of CMAT.UTAD Fest 2022, March 23, 2022. Communication entitled "A brief look at some numerical sequences".	ECT
Experimental activity in teaching Physics and Chemistry - Problems, perspectives and applications. Training Workshop, Aimed at: Teachers of Groups 510, 550.	ECT
Trainer in the XV Teacher Update Course in 1ºCEB - responsible for the Module Mathematics Education: Problem Solving, Reasoning and Mathematical Communication in 1ºCEB.	ECT
Euler Project: extracurricular activity that aims to foster mathematical interest and curiosity (university students) - presentation and discussion of real situations, their mathematical interpretation and resolution.	ECT
The pandemic situation had an impact on educational systems and highlighted the need to provide inclusive education. As a response to these new social challenges, the BiblioLab platform was created to provide interdisciplinary science-literature resources for educators.	ECT
Lecture "When you cross the street, do you think about mathematics?", aimed at 3rd cycle elementary school students; and "Computational thinking: 21st century tool or just another déjà vu? aimed at mathematics teachers.	ECT
Course accredited by UTAD, non-degree granting (given in several Universities) - "Promoting critical thinking in my curricular unit". Participation in the organization of the Critical Thinking day, whose themes involve several of the sustainable development goals.	ECT

ACTIVITIES	Axis and/or OFU
SDGs Labs - Making the SDGs our business". Project sponsored by Erasmus + Programme - Key Action 2 (KA2) - Cooperation for innovation and the exchange of good practices, of Education, Audiovisual and Culture Executive Agency of the European Union.	ECVA
Teaching activities, food and sleep for teachers of students with special educational needs, before and during the COVID-19 pandemic in Brazil.	ECVA
Regarding the promotion of lifelong learning, it develops its training offer in the Masters in Nursing for People in Critical Condition; Maternal and Obstetric Health Nursing; Community Nursing in the area of Family Health Nursing and in Technical Higher Professional Courses of Clinical Secretarial and Thermalism and Wellness with a view to insertion into working life.	ESS
<i>The 3rd International Symposium of Student Scientific Groups, organized by the University of Life Sciences Poland dedicated to the theme Environment - Plant - Animal - Product.</i>	ECAV
The 7th Photography Workshop - led by the head of the Photography Department of the University of Trás-os-Montes e Alto Douro, Dr. Isabel Sequeira - continues a series of workshops on the same theme started a few years ago at the academy.	ECT
In an organization in which the UTAD Mathematics Department and Physics Department are involved, the 28th Monthly Board Games Meeting of Vila Real took place at the Portuguese Institute for Sports and Youth (IPDJ) (January 23rd).	ECT
The Mathematics Department and the Physics Department of UTAD organized, at IPDJ (27-feb-2022) the 29th Monthly Board Games Meeting of Vila Real.	ECT
The Mathematics Department and the Physics Department of UTAD organized, at IPDJ (on 27-mar-2022) the 30th Board Games Meeting of Vila Real.	ECT
The Mathematics Department and the Physics Department of UTAD organize, at IPDJ (on 24-Apr-2022) the 31st Monthly Board Games Meeting of Vila Real.	ECT
Organization of workshops about cultural activity.	14.Cul
Training actions and Internships.	GEFIP



SDG 5 | GENDER EQUALITY

Achieve gender equality and empower all women and girls.

This goal aims to ensure the improvement of equality between men and women, through the elimination of all forms of discrimination and violence against women, access to universal sexual and reproductive health care, recognition of unpaid domestic work, and equal access to natural and economic resources and leadership at the political and labor levels.

All the Activities that take place at UTAD aim to respect gender equality, having in 2022 developed a set of Activities with this purpose (Table 5).

Table 5. Activities that contributed toSDG 5

ACTIVITIES	Axis and/or OFU
Preparation of the Code of Conduct for the prevention and combat of harassment at work at UTAD.	13.SBE
Performance of two initiatives that aimed to alert to the role of women in society; International Women's Day (March 8), with the organization of a round table in which women in leadership roles spoke about their main challenges and tasks. Another of the highlighted initiatives was related to an opening to the media of UTAD's laboratories, in a presentation of what UTAD's female researchers have been doing, on the day that marked Women's Day in Science and that had strong repercussion in the media.	CCRS & GCI
Training: direct axis.	GEFIP
The Open Days dedicated to the problematic of domestic and dating violence were held.	ECHS
The doctoral thesis of RICARDO JORGE PRATAS da SILVA (FCT PhD Grant 2020.06821.BD) has this SDG among those established for the study to be developed.	ECT



SDG 6 | CLEAN WATER AND SANITATION

Ensure availability and sustainable management of safe drinking water and sanitation for all.

With the goal to ensure safe and affordable water consumption, sanitation and hygiene by 2030, the achievement of this goal can be expected to contribute to improving water quality and water use efficiency by encouraging sustainable abstraction and consumption. The protection and restoration of ecosystems where water is relevant such as forests, mountains, wetlands and rivers is essential to mitigate water scarcity, as is the implementation of integrated water resource management.

At UTAD, we have been trying to implement a rational use of water used in the various purposes, with the implementation of reuse and consumption monitoring systems. Some R&D work has also been developed within the scope of this SDG.

Table 6. Activities that contributed to SDG 6

ACTIVITIES	Axes and/or FOU
Completion of the Public Tender for the Contract for the Environmental and Water Valuation System of UTAD's agricultural effluents (VAH-EAGRO UTAD).	11.Patr
Registration of UTAD facilities in the Barometer of Resource Efficiency in Public Administration.	11.Patr
Installation of rainwater harvesting systems for irrigation in new or refurbished buildings.	11.Patr & GPAM
Use of treated wastewater for irrigation: the new wastewater treatment plant, resulting from the project for the environmental and hydric valorization of UTAD's agricultural effluents, will allow the production of ApR that will be used for irrigation; this plant will also have a system for using rainwater from the farm's roofs.	11.Patr & GPAM
Integration of the AQUA+ Commitment Network, which will allow for the evaluation of the Campus' water efficiency, with a view to its certification and improvement.	11.Patr & GPAM
SUSTENTOlive Project - improving irrigation practices on olive farms in Trás-os-Montes for efficient irrigation water management.	ECAV
VitisHidri project - Strategies for the management of vine water stress in the Upper Douro.	ECAV
Theme of the project of the UC "Analysis and data treatment" of the Degree in Basic Education was Water.	ECT
Project AmbiVap - Development and production of a prototype solar evaporator for effluents and wastewater.	ECVA
Innovative concepts and technologies for ECOlogically sustainable NUTRIent management in agriculture aiming to prevent, mitigate and eliminate pollution in soils, water and air/ECONUTRI.	ECVA



SDG 7 | AFFORDABLE AND CLEAN ENERGY

Ensure access to reliable, sustainable, modern energy sources for all.

Portugal is dependent on energy from abroad, since it has no natural resources of fossil origin, having to import a significant amount of the primary energy it consumes. This goal, besides promoting the reduction of energy dependence, also aims to reduce the pressure on the environment, namely by reducing greenhouse gas emissions.

UTAD has sought to create conditions for a sustainable use of energy resources, investing heavily in self-production and in the implementation of control and monitoring mechanisms to avoid waste and rationalize consumption (Table 7).

Table 7. Activities that contributed to SDG 7

ACTIVITIES	Axes and/or FOU
Implementation of an energy consumption monitoring system that already includes 9 monitored buildings.	11.Pat
Registration of UTAD facilities in the Barometer of Resource Efficiency in Public Administration.	11.Pat
Completion of the contractualization process for the supply of pellets and start-up of the new Biomass plants.	11.Pat
Support in the institutional certification by NP EN ISO 50001:2019 (follow-up audit) and ensure the implementation of the requirements of the reference Standards NP EN ISO 50001:2019.	11.Pat & GPAM
Delivery to the academic community of 75 bicycles under the UBike Project.	11.Pat & GPAM
Program to Support Electric Mobility in Public Administration - with the acquisition of an electric vehicle for gardening.	11.Pat & GPAM
Supply of charging stations for electric vehicles.	11.Pat & GPAM
Holding of the I Sustainability Week.	11.Pat & GPAM
European project ETEIA (Energy Transition Entrepreneurs in Action) driving young talents approved by the European Institute of Innovation and Technology which aims to increase the entrepreneurial and innovation capacity of higher education institutions, nurturing new talents that contribute to create sustainable growth and skilled jobs in Europe.	ECT



SDG 8 | DECENT WORK AND ECONOMIC GROWTH

Promote inclusive and sustainable economic growth, full and productive employment and decent work for all.

Sustainable economic growth creates conditions that allow people to have stable, decent jobs that stimulate the economy and do not harm the environment.

The creation of decent, quality jobs may be one of the great challenges for almost any economy.

UTAD has sought to provide courses that better prepare and empower its students, giving them the most appropriate technical skills, but also preparing them at the level of interpersonal skills (increasingly valued by employers). Better professionals are promoters of economic progress.

Also at the level of economic growth, UTAD has sought to develop technical and scientific knowledge that generates added value and induces economic progress (Table 8).

Table 8. Activities that contributed to SDG 8

ACTIVITIES	Axes and/or FOU
Annual Plan of Courses Creation and/or Alteration with a view to its adequacy and rationality.	01.Ed
Identification and selection of UC whose transversal nature may justify their inclusion in the syllabus of courses in related scientific/disciplinary areas and establish the grouping on the DSD platform of UC common to courses belonging to different Schools.	01.Ed
Offering training in English language courses at levels B1, B2 and C1 for students, teachers and non-teaching staff.	01.Ed
Study plans of the new proposed courses contemplate the acquisition of transversal skills that respond to the current demands of the labor market.	01.Ed & 02.IP & 08.Int
Incorporation of "Internships" in a business context in the syllabuses of the new Masters courses.	01.Ed
Priority to the adoption of a teaching/learning process methodology more student-centered and capable of leading to the acquisition of these competencies.	01.Ed
Annual edition of the Soft-skills Plan for students, creating conditions and incentives for them to feel more mobilized to participate in this plan, as a privileged means of strengthening their interpersonal relationships.	01.Ed
In the proposals for restructuring the 2nd cycle study plans that have been presented, in addition to better adapting and optimizing the contact hours, so that they do not exceed 18 hours/week in each semester, an attempt was made to introduce adjustments in the syllabus of the CUs, aiming at the desirable complementarity and specialization, and avoiding repetition and redundancies, in comparison with those covered in the undergraduate degrees.	01.Ed
Guidelines for the Preparation of the Distribution of Teaching Service (DSD) with a multi-annual character and made official through the Order RT - 8/2022.	01.Ed
The operation of preparatory courses for people over 23 years old, as a way to increase the number of potential candidates to enter the 1st Cycles through this competition.	01.Ed

ACTIVITIES	Axes and/or FOU
Create conditions for an increase in the attraction of candidates to attend these courses, through a better and wider dissemination of them with the collaboration of the GCI and using social networks.	01.Ed
Non-degree training in areas that promote the qualification of skills of the participants.	GEFIP
VII International Congress - Mountain and Steep Viticulture.	ECAV
Extreme viticulture: from a cultural landscape to an economic and environmental sustainability.	ECAV
UTAD's Soft-Skills Plan 8th Edition	GPAM & GEFIP
The results of the Micado project contribute to a construction largely associated with prefabrication using factory labor, in which the work environment is safer, contributing to a decrease in work accidents.	ECT



SDG 9 | INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation

Investments in infrastructure-transportation, irrigation, energy, and information and communications technology-are essential to achieving sustainable development and empowering communities. The commitment to sustainable industrialization and the promotion of innovation in Business Activities can contribute to regional development efforts by modernizing local infrastructure, investing in resilient energy and communication technologies, and making these technologies available to all people.

UTAD as an integral part of the National Scientific System, is a producer of knowledge that aims to contribute to an innovative society, with resilient infrastructures and sustainable industrialization.

In this sense, UTAD seeks that its own physical resources meet the requirements of this SDG, as well as produces scientific and technological knowledge that meets this desideratum (Table 9).

Table 9. Activities that contributed to SDG 9

ACTIVITIES	Axes and/or FOU
Dissemination of the infrastructure of the Animal Facility by creating a catalog of skills.	04.Inv
Creation of a booklet of infrastructure services.	04.Inv
Applications to the National Roadmap of Research Infrastructures, in the areas of greatest potential for providing exclusive services to the scientific community.	05.IPC
Sensitization for the appearance of applications supported by the Food Alliance Roadmap in order to enable the development and consolidation of the infrastructure.	05.IPC

Beginning of the construction project of the New Winery.	05.IPC & 11.Pat
Summer School - DEVELOPMENT IN PLACE: PROSPECTS, EXPERIENCES AND APPRENTICESHIPS (in Alto Tâmega e Barroso).	10.PT
Completion of the construction of the new kennel of HVUTAD.	11.Pat
Completion of the upgrading of the infectious room of large animals of the HVUTAD.	11.Pat
Completion of the reconversion of the east wing of HVUTAD (current kennel) for new teaching spaces.	11.Pat
ReconPicturetion and requalification works of HVUTAD (changing rooms, laboratories, hospitalization rooms, new rooms).	11.Pat
In the scope of CRAS and financed by the Environment Fund, works were done in order to provide CRAS with four new tunnels for the recovery of wild animals.	HV
Provision of means and infrastructures to offer practical teaching activities to about 30 disciplines of the Integrated Masters course in Veterinary Medicine, as well as for the development of research and extension activities to the community.	HV
Construction of a kennel for housing teaching animals.	HV
Construction of 3 new classrooms for clinical teaching.	HV
Project RN21 - innovation in the natural resin industry to strengthen the national bio-economy.	ECAV
Project AT2VM: Adaptation of vineyard tractors to mountain viticulture.	ECAV
The results of the Micado project contribute to innovation in sustainable housing construction with fast construction and less labor. Development of continuous improvement projects in a business environment with mechanical engineering master's students.	ECT



SDG 10 | REDUCE INEQUALITIES

Reduce inequalities within and between countries.

Social inequalities arise from multiple conditions, including territorial, gender or age inequalities, inequalities of social class, resources, education, politics or religion. This goal focuses on the need to improve economic inequality, to which UTAD has contributed with the production of Technological and Scientific knowledge at the level of its different dimensions (Teaching, Research and Extension), as shown in Table 10.

Table 10. Activities that contributed to SDG 10

ACTIVITIES	Axes and/or FOU
International dissemination events and actions (2 actions carried out).	08.PRI
International outreach events: 1 international outreach event (Culinary Workshops and the III Ibero-American Seminar on the History and Culture of Food 2022).	08.PRI
Awareness actions and annual integration of international students (2 awareness and integration actions carried out).	08.PRI
Activities under the scope of volunteering aimed at reducing inequalities: Bagos Douro campaign and partnership with <i>Mais Social</i> , among others.	CCRS
The CCRS has underlying in all its Activities to reduce inequality in the interior of the country (being located in the northern interior)	CCRS
Many of the Activities that take place at UTAD, in a manifest or latent way, aim to reduce inequalities, be they related to scientific events or to campaigns created by the CCRS, such as the one mentioned above from Bagos Douro, among others.	GCI
Access to training as a way to empower the community.	GEFIP
Training; internships; Protocols that enable students to have training and/or internships in a work context (institutions with Protocols).	GEFIP
Project developed by Mechanical Engineering masters' students to revitalize the Bank for lending equipment to people with disabilities.	ECT
Project developed by Mechanical Engineering master's students in partnership with ReFood to support people with food needs.	ECT



SDG 11 | SUSTAINABLE CITIES AND COMMUNITIES

Making cities and communities inclusive, safe, secure, resilient and sustainable.

Focused on communities living in cities and on addressing the multiple challenges they face, this SDG focuses on solid and robust planning and risk management, so that cities can become incubators of innovation and growth and, at the same time, drivers and beneficiaries of a more sustainable development.

In this context, UTAD seeks, among others, to use its resources (physical, human and knowledge) as a means to test and promote applicable solutions and urban contexts (Table 11).

Table 11. Activities that contributed to SDG 11

ACTIVITIES	Axes and/or FOU
Organization and regulation of the conditions of use and visits to the Campus' Outer Spaces.	11.Pat
The results of the Micado project contribute to sustainable construction. Development of several scientific, pedagogical and university extension activities. Center for Construction Materials and Technologies (C-MADE) and ETEIA.	ECT
Phytosanitary evaluation and risk of fracture of trees in the influence of the circular line of Porto Metro.	ECT
Solar-Powered Smart Windows for Sustainable Buildings (SOLPOWINS).	ECVA



SDG 12 | SUSTAINABLE PRODUCTION AND CONSUMPTION

Ensure sustainable consumption and production patterns

Sustainable consumption and production aims at "doing more and better with less", promoting resource and energy efficiency, sustainable productive infrastructure and access to basic services, green jobs and adequate to a better quality of life for all.

The efficient management of natural resources and waste management processes (particularly hazardous waste) are important targets for achieving this goal.

UTAD, has sought to implement efficiency standards in its various consumptions, promoting, among others, the efficient use of energy, water, resources. UTAD is certified by the NP EN ISO 14001 (Environmental Management System) and NP EN ISO 50001 (Energy Management System) standards.

Table 12 presents some of the Activities that in 2022 contributed to this goal.

Table 12. Activities that contributed to SDG 12

ACTIVITIES	Axes and/or FOU
Acquisition of agricultural tractor with trailer, cistern and agricultural implements for the use of agricultural effluents.	11. Pat
Management of 2 public contracts: Rationalized Acquisition of Travel Services and Acquisition of Postal Services.	BII
Dematerialization of all correspondence and mail that is addressed to UTAD (drastically reducing paper consumption).	BII
We promoted the elimination of accumulated documentation in accordance with the RADA-IES (Report on the Evaluation of Accumulated Documentation for Higher Education Institutions).	BII
Acquisition of water catchment monitoring systems.	11. Pat & GPAM
Provision of drinking fountains inside the buildings, aiming at the reduction of plastic consumption.	11. Pat & GPAM
Partnership with the Portuguese Pact for Plastics to develop innovative solutions to accelerate the transition to a circular economy for plastics in Portugal and reduce its use.	11. Pat & GPAM
Trancastnut - Strengthening of the chestnut and chestnut row in the municipality of Trancoso. Cooperation protocol with the Municipality of Trancoso.	ECVA
Baga com Valor - Creation of value in the technological process of production of concentrated elderberry juice.	ECVA
EGIS: Strategies for an integrated soil and water management in nut producing species, financed by the European Agricultural Fund for Rural Development (EAFRD) and the Portuguese State under action 1.1, integrated in measure 1 "Innovation" of the RDP 2020.	ECVA
ValorCast - Chestnut valorization and optimization of its commercialization.	ECVA
The School of Health adopts procedures for the digitalization of procedures of different nature, as well as performs the separation of waste, including those produced in laboratory context, providing properly identified containers, contributing to the reduction of environmental impact.	ESS
The series "30 minutes of Science", promoted by the Chemistry Center- Vila Real (CQ-VR), counts on the participation of Vânia Graça, from the Organic Chemistry line, whose research results allow for a better understanding of the popular medicine of some plants from northern Trás-os-Montes.	CQ-VR
At the III Wine Meetings, speaker João Pissarra presented the topic "How to approach the different "terroirs" in wineries - case study".	CITAB



SDG 13 | CLIMATE ACTION

Take urgent action to combat climate change and its impacts.

Climate change is a current reality and is already affecting every country on every continent in some way, disrupting economies, affecting lives, and generating expenses for people, communities, and countries. To face the climate threats and the effect they cause, there are already some affordable solutions that allow an increase in adaptation efforts and a shift towards cleaner and more resilient economies.

UTAD has been producing knowledge that aims to mitigate the impacts of climate change, but also to "limit" the harmful effects to the environment that man's economic activity has been causing (Table 13).

Table 13. Activities that contributed to SDG 13

ACTIVITIES	Axes and/or FOU
VINEPROTECT Project- Ecological survey for the biological management and protection of Mediterranean vineyards in the face of climate change.	ECAV
Participation in the Sustainability Week.	ECAV
Mitigation Strategies for Greenhouse Gases.	ECAV
Forest Fires in a Climate Change Table.	ECAV
Landscape Design and Climate Change.	ECAV
Development of several scientific educational and university extension activities - C-MADE and ETEIA.	ECT
Research in pure mathematics is an exemplary model of cooperation and global partnerships, with the most diverse origins, so the Project EXPL/MAT-PUR/1162/2021 also contributes to this goal.	ECT
ClimCast - The new challenges for the cork oak in the context of climate change.	ECAV
New practices in rainfed olive groves: mitigation and adaptation strategies to climate change.	ECAV
INTERREG project under the theme "Triple-C - Capitalizing projects on climate change and risk management for better AA resilience".	ECAV



SDG 14 | LIFE BELOW WATER

Conserve and sustainably use the oceans, seas, and marine resources for sustainable development

The national approach to the ocean challenges posed by the 2030 Agenda follows the perspective of the integrated maritime policy. It is crucial to acquire knowledge about oceanic processes and monitor their environmental status.

In this domain UTAD participates in the production of knowledge and monitoring of lacunae and maritime ecosystems through its Laboratory of Fluvial Ecology (LEF).

Table 14. Activities that contributed to SDG 14

ACTIVITIES	Axes and/or FOU
Auditing (participation in external and internal audits, and conducting internal audits to LEF).	GPAM
International Summer University held with the theme "Oceans, people and cooperation for sustainable development".	10.PT



SDG 15 | LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation and halt biodiversity loss

Human life depends on both land and ocean for our sustainable livelihoods. The services provided by terrestrial ecosystems offer many benefits to society, including recreational spaces, natural resources, good quality air and clean water, as well as protection from natural disasters and climate change mitigation. In particular, forests represent 30.7 percent of the Earth's land surface (36.1 percent relative to the national geographic area in 2015), fulfilling a number of vital functions for humanity, including the provision of goods (timber and other forest products) and services such as habitats for biodiversity, carbon sequestration, coastal protection, and soil and water conservation. This Sustainable Development Goal aims to conserve and restore the use of these terrestrial ecosystems, topics to which UTAD has contributed (Table 15).

Table 15. Activities that contributed to SDG 15

ACTIVITIES	Axes and/or FOU
Support in institutional certification by NP EN ISO 14001:2015, Environmental Management System (follow-up audit).	GPAM
Campus Environmental Diagnostic Report.	GPAM
Integrated Waste Records Map 2022.	GPAM
Ensure the implementation of the requirements of the reference Standards NP EN ISO 14001:2015.	GPAM

ACTIVITIES	Axes and/or FOU
Actions for the release of wild animals into the wild.	HV
Reception, reception, treatment and rehabilitation of native wildlife. The goal was to provide the best conditions for reception, treatment and rehabilitation of animals that arrive injured, debilitated or that, although clinically healthy, do not present conditions to be returned to nature. This center is integrated in the national network of recovery centers.	HV
Actions for the release of wild animals into nature, when recovered.	HV
Atlantic + Positive Project.	ECAV
GO Small Ruminants in the Douro Verde Project.	ECAV
SUSPHAGE Project.	ECAV
ForManRisk Project.	ECAV
Atlantic-Geoparks - Promotion and transnational cooperation of the Atlantic Geoparks for a sustainable development.	ECVA
"Arouca Geopark" - Protocol for Scientific Coordination of the UNESCO World Arouca Geopark.	ECVA
RestAlvão - Restoration of natural habitats threatened by Hakea sericea in SCI Alvão/Marão".	ECVA
Project under the theme "AGROSERV - Integrated Services supporting a sustainable Agroecological transition".	ECVA
Process of co-management of the Natural Park of Alvão, the municipality of Vila Real, through the Environment Service, invited to participate in the public hearing session, dedicated to the actors of research and education.	ECAV
Organized by NEEZ (Núcleo de Estudantes em Engenharia Zootécnica) the lecture cycle "Discovering the world: birds, reptiles and insects, open to the entire academic community and general public."	ECAV



SDG 16 | PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable and inclusive institutions at all levels.

Although UTAD's performance in this area does not directly contribute to this Goal, UTAD has sought in its activity that the spirit underlying this SDG is fulfilled, namely: Social Responsibility, Inclusion and Justice (Table 16).

Table 16. Activities that contributed to SDG 16

ACTIVITIES	Axes and/or FOU
Annual Plan for Course Creation and/or Alteration	01.Ed
Offering English language courses at levels B1, B2 and C1 for students, teachers and non-teaching staff.	01.Ed
Study plans of the new proposed courses include the acquisition of soft skills that meet the current demands of the labor market	01.Ed
Incorporation of "Internships" in a business context in the syllabuses of the new Masters courses.	01.Ed
Priority to the adoption of a teaching/learning process methodology more student-centered and capable of leading to the acquisition of these competences.	01.Ed
Annual edition of the Soft-skills Plan for students, creating conditions and incentives for them to feel more mobilized to participate in this plan, as a privileged means of strengthening their interpersonal relationships.	01.Ed
In the proposals for restructuring the study plan of the 2nd cycles that were presented, in addition to a better adequacy and optimization of contact hours, so that they do not exceed 18 hours/week in each semester, it was sought to introduce adjustments in the syllabus of the CU, aiming at the desirable complementarity and specialization, and avoiding repetitions and redundancies, compared to those covered in the undergraduate courses.	01.Ed
The operation of preparatory courses for those over 23 years old, as a way to increase the number of potential candidates to enter the 1st Cycles through this competition.	01.Ed
Define the procedures related to A3ES benchmarks (benchmarks 2, 3, 4, and 5) at the UOEI (Schools).	03.EQ
Identify and establish the interconnections of the UOEI procedures with the ISO 9001 procedures with the Support Services for Teaching-Learning.	03.EQ
This SDG underlies all the Activities developed by the ICG.	GCI
Promotion of visits to the European Parliament.	GCI



SDG 17 | PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

Sustainable development needs partnerships between governments, the private sector, and civil society to be successful. These partnerships must be based on shared principles, values and a shared vision and goals that focus on people and planet.

UTAD has sought to create a network of strong relationships oriented towards sustainability in the principles recommended by the United Nations Agenda 2023 (Table 17).

Table 17. Activities that contributed to SDG 17

ACTIVITIES	Axes and/or FOU
Revalidation of all the Inter-institutional agreements of the Erasmus + Program with the European Partner Universities - 500 agreements renewed.	07.Int
Revalidation of the JAMiES (Joint Academic Middle East and South) consortium between the universities of Minho (coordinator), Algarve, Nova de Lisboa, Porto and UTAD.	07.Int
Revalidation of The Merging Voices consortium with the universities Nova de Lisboa (coordinator), Porto, Algarve and UTAD.	07.Int
Reinforcement of UTAD's participation in the UNorte International consortium, with the universities of Minho (coordinator), Porto and UTAD.	07.Int
Increased UTAD participation in the WORK4ALL consortium, with the universities of Porto (coordinator), Minho, Nova de Lisboa and UTAD.	07.Int
Under the Universities project 3 ambassadors were identified, 1 in Mexico and 2 in Brazil.	07.Int
Disclosure of the protocols and international mobility agreements in force on the GRIM website.	07.Int & 08.PRI
Participation of UTAD in the networks through participation in meetings and/or events of the consortia (Magna Charta Universitatum; UNIMED; CGU; CEER Foundation; GT; CRUSOE; AULP; RUMA; membership of other networks). Participation in 12 meetings of UNIMED; CGU; CEER Foundation; WG; CRUSOE; AULP; RUMA; joining other networks - AFROPEAN.	08.PRI
All mailboxes were migrated to Office365 servers. Email client migrations were performed by users autonomously, or with the support of SSIC.	09.UDTDMA
Office 365 licenses for students and staff were activated. The definition of a digital identity policy will enable more effective management of licensing in the future.	09.UDTDMA
Cooperation protocols with the Association for the Study and Protection of Asinine Cattle (AEPGA), for teaching and extension support to the community in the area of production animals and horses.	HV
Cooperation protocol with large animal farms.	HV
Collaboration protocol with the Pedras Salgadas Equestrian Center.	HV

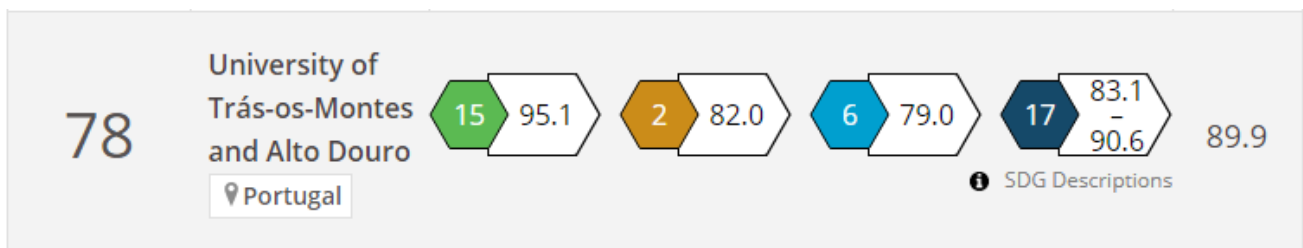
ACTIVITIES	Axes and/or FOU
Collaboration protocol between HVUTAD and the Veterinary Medicine Students Association.	HV
Collaboration protocol between HVUTAD and the Proanimal Platform, Animal Sanctuary and local animal protection organizations. Protocol with APCVR.	HV
With Refood for a project developed by Mechanical Engineering students and with a company for education in a business environment for future engineers.	ECT

THE IMPACT RANKINGS 2022

The Times Higher Education (THE) Impact Rankings assess universities against the United Nations SDG 2030, using indicators that provide a comprehensive and balanced comparison between 4 aspects: internal management, extension, teaching and research.

For THE Impact Ranking 2022, UTAD showed its contributions, scoring 89.9 points out of 100. Compared to the previous year, UTAD rose to position 78 in a total of 1406 higher education institutions from 106 countries/regions.

Picture 2 shows the SDGs and respective scores for which UTAD stood out.



Picture 2. THE Impact Rankings 2022 (font: [Impact Rankings 2022 / Times Higher Education \(THE\)](#))

CONCLUSION

In the Strategic Program 2021-2025, UTAD transmits its ambition to transform the institution "into a truly sustainable university, in line with the United Nations Agenda 2030," through more economic growth, more preservation of the environment, and more combating social inequalities. This ambition represents a strategic environmental, economic and social concern, and this document demonstrates that UTAD implements good practices in these areas, promoting a responsible and sustainable university.