



TU Dublin

UN Sustainability Goals Progress Report 2022

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TU Dublin SDG Impact Progress Report 2022

The vision for TU Dublin Strategic Intent 2030 is to *‘Create a Better World, Together’*. In developing our TU Dublin strategy, and over the course of our conversations with over 2,500 stakeholders, we viewed the challenges facing us through the lens of the UN Sustainability Goals (SDGs). Some clear areas of focus emerged which resulted in shaping our plan to tackle our task through the following themes - People, Planet, Partnership and underpinned by the key SDG goal of ‘Quality Education’. These pillars inform our approach to educational, research and engagement practices, ensuring that TU Dublin delivers real change, innovation and impact for society.

This is TU Dublin’s third report on how the University has been addressing the SDGs. It includes examples of initiatives, events and project work that are having an impact across the 17 SDGs.



TU Dublin SDG 1: No Poverty

Year	Event
September 2022	In conjunction with the <i>Department of Further & Higher Education, Science, Technology & Innovation (FHERIS)</i> , TU Dublin provided 600 places under the Springboard initiative, which supports people who are unemployed, previously self-employed or returning to work. These programmes are provided free or subsidized.
September 2022	In Ireland, 13.5% of the population has a disability (CSO 2016 census). However, Ireland has one of the lowest employment rates (26.2%) for people with disabilities in the European Union, meaning this group is at a greater risk of poverty than the wider population. In response, TU Dublin delivered an online programme Self-employment for People with Disabilities that addresses the distinctive challenges facing people with disabilities in becoming self-employed and raising awareness of the benefits of self-employment.
August 2022	In August, a new four-day programme LEVEL-UP for Access was introduced to support those interested in returning to education or continuing their education in college but not sure where to start. The programme was managed by the TU Dublin Access Service which was established to assist individuals and communities in overcoming socio-economic barriers to accessing higher education.
July 2022	In Summer 2022, the Exceptional Services Fund was introduced to help TU Dublin students who cannot access traditional funding. It provides assistance directly to those experiencing extreme and immediate financial difficulty. The fund is supported by the TU Dublin Foundation Giving to the University programme.
June 2022	Five members of the <i>School of Transport, Engineering, Environment and Planning</i> at TU Dublin presented to the Joint Committee on Housing, Local Government and Heritage on ways of regenerating urban centers by bringing derelict or vacant properties back into use, including for social and affordable housing.

May 2022	TU Dublin Graduate Business School alumni gathered to brainstorm fundraising solutions for the <i>Dublin Simon Community</i> . Led by TU Dublin GROWTHhub , the <i>Dublin Simon Community Alumni Ideation Challenge</i> was the first in what will become a regular feature of the TU Dublin alumni calendar. Across the day, the Graduate Business School alumni explored and designed potential solutions for specific fundraising challenges faced by Dublin Simon Community, particularly in the post-pandemic context where engagement with donors has been impacted.
Ongoing	Our TU Dublin Access Foundation Programme is a one-year full-time course, preparing students both personally and academically, to pursue undergraduate programmes at TU Dublin. The programme forms part of TU Dublin’s commitment to extending access to education to people from communities lacking a strong tradition of participation in third-level education. The TU Dublin HEAR Scheme also enables school-leavers from socio-economically disadvantaged backgrounds to apply for full time undergraduate programmes at TU Dublin.
Ongoing	<p>TU Dublin Financial Aid, in conjunction with the Government of Ireland provides financial support to full or part-time students who are experiencing financial difficulties while attending college. It includes:</p> <ul style="list-style-type: none"> • Student Assistance Funds • SUSI grants • Funds for Students with Disabilities
Ongoing	TU Dublin Academic Supports offers additional support in mathematics, writing and grinds to ensure that all students have the best opportunity to graduate.
Ongoing	As well as partnering with industry, we increased our efforts to partner with community organisations, schools, social enterprises, charities, and to use entrepreneurial skills to empower people economically, socially and environmentally. Innovation & Enterprise services at TU Dublin support start-ups and innovation and technology transfer activities.
Ongoing	The Area Based Childhood Programme (ABC) at TU Dublin is an early intervention programme for children aged 0-6 and their families. It aims to work in partnership with families, practitioners, communities, and national stakeholders to deliver better outcomes for children and families living in areas where poverty is most deeply entrenched.
Ongoing	The Grangegorman Labour and Learning Forum (GLLF) works closely with TU Dublin and other partners to promote Life Long Learning with access to education and training, particularly for ‘non-traditional’ learners. The primary aim is to work with partners to address barriers to access to learning, identify gaps in adult and continuing education and training provision.



TU Dublin SDG 2: Zero Hunger

Year	Event
October 2022	Irish Research Council announces funding for 17 TU Dublin Researchers . Successful TU Dublin awardees include Luana De Souza Cavalcante Carnaval for research on <i>Multifunctional Smart Edible Coatings for Sustainable Food Industry Application (SmartEdibleCoat)</i> .
October 2022	TU Dublin President's Sustainability Innovation Challenge is an invitation to TU Dublin students across all faculties and campuses to come together at the TU Dublin Grangegorman campus on 04 November 2022 to a hackathon event where they brainstorm ideas to positively impact on a global problem. This year the focus of the Innovation Challenge is on reducing household food waste.
September 2022	TU Dublin's Leaf No Waste celebrated their success in securing the SFI Food Challenge Prize. They are part of the winning team for the SFI Future Innovator Prize. This is valued at €2m. This builds upon their earlier successes during the Concept and Seed phase in 2021.
September 2022	TU Dublin lecturer Dr Anushree Priyadarshini is leading FORWARD, a project that will quantify the food waste generated by Irish households, that has received funding under the Irish Research Council's Collaborative Alliances for Societal Challenges (COALESCE) programme.
September 2022	TU Dublin Innovation Partners Pearson Milking Technology and Micron Agritech won Enterprise Ireland's Innovation Arena Awards 2022 . The 'Bullseye' invention drives innovation through automation and delivers benefits to farms as it frees up resources, improves overall outputs and increases efficiencies, contributing to sustained food production and addressing the challenge of labour shortages on farms.
June 2022	A research project led by TU Dublin and Queens University Belfast funded by SafeFood , looking at the cost of living with a food allergy or coeliac disease in Ireland has estimated that the average cost burden for a child with a food allergy is €1,439 every year, rising to €1,602 for an adult.

March 2022	<i>TU Dublin Green Week</i> is an Annual Celebration of Innovation and Partnerships to Promote Sustainability This year's schedule of events provided opportunities to debate ideas and to showcase a living lab for environmental sustainability.
December 2021	Food Innovation Partnership established by TU Dublin with Kepak The partnership will form a key part of Kepak's pioneering research in the areas of food nutrition and food sustainability.
Ongoing	TU Dublin contributes to RTE Brainstorm , the national broadcaster, who are collaborating with third level institutes to highlight new ideas and insights on Ireland and the world, including ' <i>food for thought</i> ' articles on SDG #2: - How Ireland Can Rethink its Approach to School Meals and Food Education - 6 Ways to Reduce Food Waste in Your Home
Ongoing	One of TU Dublin's canteen suppliers Aramark commits to reduce food loss and waste by 50% by 2030 in all its operations, under the goal of ' <i>Less Waste, More Impact</i> '.
Ongoing	In September 2021, TU Dublin contracted a new catering organisation, Sodexo , whose 2025 Corporate Citizen Goal is to reduce food waste by 50% and have 100 million Stop Hunger beneficiaries.



TU Dublin SDG 3: Good Health & Wellbeing

Year	Event
October 2022	Taking place over two days, the second annual Health Hackathon brought together over 40 students from across TU Dublin, with students asked to develop solutions for five challenges set by Tallaght University Hospital (TUH) clinicians.
October 2022	The Irish Research Council has announced €27m in funding for new research projects under the Irish Research Council’s flagship Government of Ireland programmes, including awards for 17 TU Dublin researchers. Awardees will conduct research on a multitude of topics including research on “Explainable Artificial Intelligence in Smart Healthcare Applications: Focusing on Healthcare Decisions Support Systems”.
September 2022	TU Dublin launch a Digital Skills Diagnostic tool for students and staff. This is an opportunity to evaluate your skills across 15 key areas of digital capability including digital wellbeing.
September 2022	TU Dublin hosted Walk 21 global conference bringing together around 500 delegates and an incredible speaker line-up of over 60 experts, including practitioners, academics, planners, politicians and citizens, to celebrate the importance of walking and to re-imagine a world that is more livable and sustainable.
September 2022	TU Dublin’s Human Factors in Safety & Sustainability (HFSS) research group organised the European Safety and Reliability conference (ESREL) . The Conference was hosted at TU Dublin from the 28th of August to the 1st of September 2022. Five days of intense exchange on scientific research and industry practices on the various themes and areas underpinning this year's title: “Understanding and Managing Risk and Reliability for a Sustainable Future”.

September 2022	A TU Dublin Product Design student has created a revolutionary device with the potential to significantly reduce the incidence of Repetitive Strain Injury (RSI) amongst healthcare professionals.
July 2022	TU Dublin engaged in national dialogue on the future of research in Ireland that has culminated in the Creating Our Future Report published by the Minister for Further and Higher Education, Research, Innovation and Science, Simon Harris. <i>Creating our Future</i> is a unique national brainstorm that received more than 18,000 ideas on how to create a better society. The diverse breadth of public submissions on where research should be focused ranged from ideas on the environment, mental health, food and sustainable and green living, to housing, health, the arts, digital challenges, learning and development, and nurturing community.
June 2022	New research, funded by Safefood and led by TU Dublin and Queens University Belfast, looked at the cost of living with a food allergy or coeliac disease in Ireland and has estimated that the average cost burden for a child with a food allergy is €1,439 every year, rising to €1,602 for an adult.
June 2022	To support health and well-being, TU Dublin launched a part time course in BSc in Sports Studies . The course integrates Sport Science, Coaching Science and Sports Administration and Governance.
June 2022	Global healthcare company <i>Wassenburg Medical Ireland</i> has invested €280,000 in a healthcare-driven innovation partnership with TU Dublin to establish a state-of-the-art Medical Device Decontamination facility (MDD-Hub) on the University's flagship campus in Grangegorman.
May 2022	TU Dublin researchers from the <i>School of Electrical & Electronic Engineering</i> presented their e-learning materials in development at a meeting of the Hands-On SHAFE (Smart Healthy Age-Friendly Environments) project in Warsaw. This is an ERASMUS funded project that emphasises the use of technology, the importance of health and wellness, and the design of places to support independent living.
April 2022	TU Dublin has launched a new Virtual Reality (VR) Training programme in conjunction with BioPharmaChem Skillnet. This programme was developed for the Pharma Industry and provides training in the area of Powder Handling for Pharmaceutical Manufacturing

April 2022	Relay for life TU Dublin has raised €112,000 for the Irish Cancer society since 2021. All the funds raised through sponsorship and fundraising will support the Irish Cancer Society's national services and mission to achieve world-class cancer services, working towards fewer people getting CANCER and that those that do- have better outcomes and improved treatment.
March 2022	New research from the ADAPT SFI Research Centre for AI-Driven Digital Content Technology at TU Dublin has led to novel prediction models that are more accurate at identifying people under 60 with a high risk of stroke who may not be identified using a traditional stroke risk prediction model.
March 2022	The New Health Research Board (HRB) has awarded TU Dublin funding for the SPHeRE Programme , which will drive research to address Ireland's current and emerging health and social care challenges.
March 2022	TU Dublin partnered with Tallaght University Hospital to develop an app to empower patients with chronic pancreatitis to take control of their condition. The SmartCP App will also improve communication with the hospital team.
November 2021	TU Dublin and Ocumetra received the People's Choice Award , an accolade bestowed by <i>Knowledge Transfer Ireland</i> (KTI). The KTI Impact Awards celebrate the work of the Higher Education Innovation Offices around the country and their role in helping transform academic research into commercial impact.
Ongoing	TU Dublin actively supports women's health and wellbeing through the Developing Women Through Sport Programme , which inspires and empowers women to become sports coaches and leaders.
Ongoing	TU Dublin Active Retirement Association was set up and is managed by the retired members of staff of the University. The Association supports the health and well-being of retirees.
Ongoing	TU Dublin offers a series of Workplace Wellbeing webinars to support the health and well-being of staff.
Ongoing	TU Dublin's People Development programmes provides a variety of initiatives to support the personal and professional development of staff of the University.
Ongoing	TU Dublin has a Student Dignity and Respect policy in place.
Ongoing	The Safety, Health and Welfare (SHW) Office at TU Dublin, promotes a culture of health and safety throughout the university, including in the conduct of research.

Ongoing	TU Dublin offers Fitness & Sports Facilities to students and staff.
Ongoing	TU Dublin Healthy Campus creates a culture that supports healthy choices and lifestyles.
Ongoing	Improving the health and well-being of the population is core to the Environmental Sustainability and Health Institute (ESHI) at TU Dublin. This research cluster seeks to inform and shape health policy and serve as a critical interface in linking scientific, technical and research knowledge with action to improve population health & health services.
Ongoing	<p>TU Dublin Counselling Services provides a safe, non-judgmental space for students to talk about and discuss any concerns they have, including:</p> <ul style="list-style-type: none"> – Stress or anxiety – Academic difficulties – Relationship difficulties – Depression or mood difficulties – Grief or bereavement – Homesickness or loneliness – Sexual / personal identity issues – Assault or abuse – Self-harm – Addiction or substance use – Low confidence or self-esteem
Ongoing	TU Dublin’s National Optometry Centre is a purpose-built, state-of-the-art centre for the advanced training of optometry students and is the only such facility of its kind in the country. For most eye examination, the public are seen by a student who is supervised by an experienced member of clinical staff.
Ongoing	TU Dublin’s Sexual Health Services are now offering two types of sexual health check-ups for students.
Ongoing	TU Dublin’s Smoking Policy ensures that all campus buildings are smoke free and prohibits the sale of cigarettes and tobacco products on its premises.



TU Dublin SDG 4: Quality Education

Year	Event
Feb 2022	TU Dublin’s Hothouse celebrated the Graduation of the New Frontiers Phase 2 participants. New Frontiers is a national programme to develop early-stage entrepreneurs, offering a supportive yet challenging environment to help develop business ideas. It is delivered by IoTs and TUs on behalf of Enterprise Ireland.
Feb 2022	As part of the new Grangegorman Campus development project, TU Dublin is building a new state-of-the-art Academic Hub and Library . In February the new contractors for this development were announced. The Academic Hub will be visually unique, incorporating the existing North House building, which dates from 1854, into a new, modern structure that will wrap around the historical site complimenting and enhancing it.
Mar 2022	TU Dublin held Parents and Guardian Information Evenings to provide parents with information regarding the support structures TU Dublin has to offer students and provide a tour of the campus.
Mar 2022	TU Dublin is a member of the European University of Technology Alliance which launched the EUt+ Academic Press , a publishing platform for members of the EUt+ initiative. This open access academic press will publish materials from the partner universities.
2020-2025	Growth Hub is a TU Dublin initiative to support the development of graduates, through fostering an entrepreneurial orientation and a growth mindset when they enter the workforce, enhancing their innovation and employability opportunities
Ongoing	TU Dublin, as part of a consortium with Belfast Metropolitan College, collaborated on the European digital construction project - ‘ARISE’ . The mission is to contribute thereby to the European Recovery, and Resilience Plans 2021 -2027 by providing the construction sector workforce with digital and sustainable energy skills of the future, along with demand-side guidelines for marketable appreciation of skills and exploitation of benefits thereof.

Ongoing	The EUt+ alliance made progress in the design of European Degrees in Engineering at Bachelor and Master levels. Bachelors and Masters' clusters have a common objective based on mobility and expertise. They will be clusters of pre-existing national curricula, which converge progressively towards a common road map involving at least three EUt+ partner institutions.
Ongoing	TU Dublin is a signatory to Principles for Responsible Management Education (PRME) , a United Nations-supported initiative was founded to support integrating universal values into curriculum and research with a view to contributing to a more sustainable and inclusive global economy and help build more prosperous societies.
Ongoing	TU Dublin Strategic Intent 2030 continues to be rolled out, committing to ' <i>A dynamic new model of education producing the most sought-after digitally-literate graduates, will be embedded in the University, transforming the learning opportunities and experience for all</i> '.
Ongoing	TU Dublin is a member of ALCID , a co-operative access scheme between the universities of Ireland, allowing academics to collections of each of the participating libraries, without formality.
Ongoing	TU Dublin is a member of the SCONUL Access Scheme , a reciprocal access scheme, granting borrowing privileges to research postgraduate students and staff at over 180 higher education libraries in Ireland and the UK.
Ongoing	The Grangegorman Labour and Learning Forum (GLLF) works closely with TU Dublin and other partners to promote Life Long Learning with access to education and training, particularly for 'non-traditional' learners. The primary aim is to work with partners to address barriers to access to learning, identify gaps in adult and continuing education and training provision.
Ongoing	Since its inception, TU Dublin's Students Learning with Communities were delighted to have supported projects involving over 11,000 students in collaboration with over 110 Community Partners.



TU Dublin SDG 5: Gender Equality

Year	Event
September 2022	The School of Mathematics and Statistics became the first School to be awarded an Athena Swan Bronze Award at Technological University Dublin (TU Dublin) for its commitment to gender equality.
May 2022	TU Dublin was awarded funding through Science Foundation Ireland (SFI) to support frontier research. In line with SFI's gender strategy, the programme seeks to provide opportunities to address gender imbalance and to provide support for investigators returning to research after a period of leave.
May 2022	CSinc (Computer Science Inclusive) is a research group with a computer science education focus. In May CSinc hosted a Coding Day for 130 Young Women on campus. It was the first of these large events on campus since the pandemic.
May 2022	The WITU (Women in Technology United) Network in TU Dublin welcomed young women considering a career in engineering to TU Dublin to support Gender Diversity in Technology Courses .
May 2022	The Schools of Mathematics and Computer Science at TU Dublin held their annual ICT Summer Camp for second level schools, promoting female participation in Computing.
March 2022	TU Dublin is proud to have received an Athena SWAN Bronze Award . The Athena SWAN charter is an international framework which supports higher education to monitor and transform gender equality.
March 2022	The Athena SWAN Action Plan 2022-2025 was launched with agreed goals, priority actions and timelines. It was launched by the Directorate of Equality, Diversity and Inclusion and as part of our Strategic Intent 2030 to ' <i>Being recognised as an exemplar in equality, diversity and inclusion (EDI)</i> '.
March 2022	As part of International Women's Day, TU Dublin held a Campaign to Raise Awareness Against Bias and celebrate women's achievements.
March 2022	TU Dublin celebrated International Women's Day with the launch of the WE Support Panel Series, which aims to empower women in entrepreneurship.

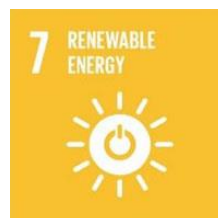
Ongoing	TU Dublin is coordinating an international research project, SelSTEM (Spatially Enhanced Learning Linked to STEM) , which was awarded €4.12M in funding and aims to enhance the spatial ability of young people and to help close the gender gap in STEM.
Ongoing	Researchers from TU Dublin tackle online child sexual exploitation and abuse through innovative research under the Technology Coalition Safe Online Research Fund
Ongoing	Researchers from the School of Computer Science at TU Dublin have received funding from the HEA's Gender Equality Enhancement Fund for two new research projects <ul style="list-style-type: none"> - TechMate: will create a new toolkit for best practice in gender equality in Higher Education - pSTEM Role Models: focusing on encouraging more young women into STEM by identifying contemporary female role models and sharing their stories
Ongoing	TU Dublin Equality Statement was formally approved in 2019, having been informed by the UN Sustainable Development Goals (including SDG 5), ensuring our commitment to diversity and social mix, advancing gender equality and eliminating discrimination.
Ongoing	TU Dublin provides mentorship programmes - ESTeME and SAER Mentoring programme - to address gender equality in the fields of Engineering and Computing
Ongoing	TU Dublin renewed its efforts to increase the participation of women in craft apprenticeships . Women make up less than 1% of registered craft apprentices nationally.
Ongoing	TU Dublin continues to sponsor 12 women each year to participate in the Aurora Leadership Programme
Ongoing	TU Dublin Childcare Assistance Fund is available to support students who are parents with childcare expenses using the childcare services at our on-campus crèche while studying at TU Dublin.
Ongoing	The TU Dublin Maternity Leave policy was revised in relation to terminating additional maternity leave due to sickness.
Ongoing	The TU Dublin Paternity Leave policy was updated to allow each parent five weeks leave for children born or adopted on or after 1st November 2019 to be taken during the first two years of a child's life.
Ongoing	TU Dublin Carers' Leave policy entitles a staff member to take unpaid leave from the University to enable them to provide full-time care and attention for a relevant person in need of such care.
Ongoing	The TU Dublin Dignity & Respect at Work policy was revised to a pan-University policy ensuring that staff could work and learn in a positive and safe environment free from bullying and harassment across all campuses.
Ongoing	The Workplace Relations and Grievance Procedures support the development and maintenance of a positive working environment for all staff members and encourage communication between unions and management on all issues of concern.



TU Dublin SDG 6: Clean Water & Sanitation

Year	Event
August 2022	Dr Alan Gilmer, is the lead researcher on the Fingal Water Project for TU Dublin. The Project tackles the challenges of pollution pressures in ponds and streams in this strategic local authority area of nearly 300,000 people in north County Dublin.
June 2022	‘Where There Is No Engineer’ competition , which is coordinated by the Development Technology in the Community (DTC) Research Group at TU Dublin, took place in June. Participants were encouraged to develop designs and schemes to improve community resilience under six core themes, one of which included ‘Self-Supply Water & Sanitation’.
Quarter 1 2022	TU Dublin carried out a longitudinal study on water use at home as part of ‘Dŵr Uisce’ , a cross-border project funded by the European Regional Development Fund through the Ireland-Wales Cooperation programme. The project is investigating improving the long-term sustainability of water supply, treatment, and end-use in Ireland and Wales through the development of innovative technology platforms.
Ongoing 2022	TU Dublin has an open call for PhD researchers in the area of ‘Smart Hot Water Controls’ – An assessment of how smart hot water controls, responding to excess wind, could provide free hot water to fuel-poor households to create a flexible citizen-owned, just energy system asset.
Ongoing	TU Dublin continues to contribute to RTE Brainstorm , the national broadcaster, that collaborates with third level institutions to highlight new ideas and insights relevant to what’s happening in the world around us. An article recently published on SDG 6 was: -5 ways for us to value water in our daily lives
Ongoing	TU Dublin’s <i>Civil & Structural Engineering Continued Professional Development (CPD) programme</i> includes a course on Water Resources and Quality Management
Ongoing	TU Dublin’s <i>Mechanical & Design Engineering Continued Professional Development (CPD) programme</i> includes a course on Water Services Engineering (TU5009)

Ongoing	The Grangegorman Development Agency Master Plan Part D Environmental Sustainability provides for water retention strategies at TU Dublin's Grangegorman campus, such as swales and holding ponds, to reduce runoff into the city system.
Ongoing	The Water Innovation Research Centre (WIRC) in TU Dublin seeks to reduce the influence of poor water quality on public health by identifying specific areas of threat, by developing technologies for detecting, assessing, and minimizing the levels of biological and chemical pollutants in drinking water supplies, and by developing novel water monitoring, hygiene, and water treatment systems.



TU Dublin SDG 7: Affordable & Clean Energy

Year	Event
October 2022	TU Dublin's Annual Report (pg. 23) featured TU Dublin's collaboration in the development of a District Heating System at its Tallaght campus. District heating is a network of highly insulated pipes that delivers low-carbon heat from a central energy source to provide space heating and hot water to the buildings connected to the network.
October 2022	TU Dublin and Geological Surveys Ireland (GSI) embarked on an exploratory project to drill the first urban geothermal test hole in Ireland. TU Dublin's Annual Report (p. 23) highlighted that the results indicated the geothermal test hole held real potential in this area. The next step is to plan for the construction of Ireland's first Geothermal District heating system in Grangeegorman.
March 2022	TU Dublin's Sustainability Statement was approved by the University in March. Climate Action and reducing our greenhouse gas emissions forms one of the three key pillars in which the University commits to exploring renewable energy sources and reducing campus energy consumption.
March 2022	During TU Dublin Green Week , various seminars, workshops, films and talks were held, exploring various topics related to climate action, sustainability and protecting our environment. The Schedule of Events included a panel discussion with speakers from Bord na Mona, EirGrid and ESB on <i>The Future of Renewables</i> that explored the role renewables will play in our future energy grid.
Ongoing	TU Dublin's Energy Policy commits to delivering 30% emissions reduction by 2030 and to develop a roadmap to carbon neutrality by 2050. This aligns with the government's Climate Action Plan 2019 .
Ongoing	TU Dublin's Climate Action Plan commits to reduce energy consumption and to transition to sustainable sources, aiming to improve energy efficiency by 50% and maximise the use of fuel types that cause least harm to the environment, including reducing the consumption of fossil fuels and increasing energy from sustainable sources.

Ongoing	TU Dublin Statement on Fossil Fuels was created to help address the challenges of climate change and sustainability and commits to investing in climate solutions, such as renewable energy, energy efficiency, sustainable agriculture, water efficiency. It also commits to selling any existing investments tied to these oil, gas, and coal investments within 3-5 years.
Ongoing	TU Dublin's new Grangegorman Campus welcomed over 10,000 students to its state-of-the-art facilities over the course of the academic year 2020/2021. The construction of the new campus is managed by the Grangegorman Development Agency (GDA). The Grangegorman Master Plan incorporates a stringent environmental sustainability strategy that utilises renewable energy and natural ventilation strategies.
Ongoing	TU Dublin aims to be carbon neutral by 2050, in accordance with the Grangegorman Sustainability Strategy (p.11). From the beginning of the design phase in 2014 of the university's main campus, the Grangegorman Development Agency has worked with TU Dublin to implement building design, construction, and building use systems that minimize the carbon emitting systems of the campus.
Ongoing	TU Dublin's ESHI (Environmental Sustainability and Health Institute) focuses on a range of research areas including Energy.
Ongoing	ESHI, TU Dublin's Environmental Sustainability and Health Institute provides consultancy services, CPD and technology and commercialization support for start-ups and business groups with a shared desire to push boundaries, exchange knowledge and create opportunities.
Ongoing	TU Dublin is a member of SFI MaREI , the world-leading Science Foundation Ireland research centre for energy, climate and marine, coordinated by the Environmental Research Institute (ERI).
Ongoing	QualiBuild Ireland - Training in Low Energy Building Construction is a Train the Trainers programme developed to address the knowledge gap that exists in relation to low-energy buildings. It is funded by the European Commission and coordinated by TU Dublin with other partners.
Ongoing	The ARISE project is a consortium of nine partners, including TU Dublin, which supports the twin transition of the construction sector and contributes to the European Recovery, and Resilience Plans 2021 –2027. The aim is to provide the construction sector workforce with the digital and sustainable energy skills of the future.
Ongoing	The Build Digital Project is led by TU Dublin in collaboration with the Construction IT Alliance. Its aim is to develop sustainable, efficient and productive leadership and to integrate the principles and goals of the circular economy, the UN's Sustainable Development Goals and the Construction Sector Group's sustainability and climate action requirements.



TU Dublin SDG 8: Decent Work & Economic Growth

Year	Event
July 2022	TU Dublin hosted the final of ivenTure , a student entrepreneurship programme, with a live pitch competition. The ivenTure programmes supports students of TU Dublin in exploring entrepreneurial opportunities, with participating ideas ranging from social enterprise to tech start-ups.
June 2022	TU Dublin announced 600 places on Springboard+ courses, from Level 6 (Certificate) to Level 9 (Masters), in a range of disciplines, including: Advanced Producing for Film and TV, Business Sustainability Leadership, Data Science, BIM Technologies, Brewing and Distilling, Pharmaceutical Technology, and Computing in Digital Forensics & Cyber Security. Springboard+ is co-funded by the Government of Ireland and the European Social Fund as part of the ESF Programme for employability, inclusion and learning.
May 2022	TU Dublin hosted a Return to Learning event, inviting those interested in returning to education to find out about what opportunities are available to them.
May 2022	TU Dublin launched a report, Staying the Course: Factors Affecting the Progression of Access Foundation Students at TU Dublin . The report highlighted the need for a range of supports, to increase the progression rate of students on Foundation Programmes to further study.

March 2022	<p>During TU Dublin Green Week various seminars, workshops, films and talks were organised exploring various topics related to climate action, sustainability, the workplace and protecting our environment, including:</p> <ul style="list-style-type: none"> • “Diversifying Power: Why We Need Antiracist, Feminist Leadership on Climate and Energy” • Single-Use Plastics in BioPharma and Virtual Tour • Being a Green Tourist
March 2022	<p>TU Dublin and WIT Career Development Centres hosted an online event Lift the lid on equality! Exploring Careers in Leadership for Under-Represented Groups</p>
February 2022	<p>Exploring the key role Universities play in our society, the President of TU Dublin, Professor David FitzPatrick, joined a webinar Graduate Talent and Research Capacity underpinning Economic Growth with the Minister for the Department of Enterprise, Trade and Employment, Leo Varadkar.</p>
Ongoing	<p>TU Dublin’s GROWTHhub Entrepreneurship Education Bursary Competition was launched. The successful projects support the development of entrepreneurial mindsets, both through programme-based entrepreneurship learning outcomes development initiatives or extra-curricular initiatives. These initiatives are for students across all TU Dublin campuses, programmes, and level of study, from apprenticeship to PhD.</p>
Ongoing	<p>The TU Dublin Equality Statement was approved for the period 2019-2022, having been informed by the UN Sustainable Development Goals. The Statement outlines the University's commitment to ensuring that the student body entering, participating in and completing its programmes at all levels, reflects the diversity and social mix of the Dublin region, and Ireland’s population. It highlight the University’s commitment to advancing equality, including gender equality, in all aspects of its work.</p>
2020-25	<p>Launched in 2020, CONVENE is a university-enterprise engagement model, led by TU Dublin and UCD that provides programmes that deliver the priority skills and innovation necessary to reinvigorate business and to fast-track a resilient and enduring economic recovery following the unprecedented disruption caused by Covid-19. The work is focused on seven major employment sectors - Tourism, Food & Drink, Creative and Cultural, Social Enterprise, ICT/FinTech, MedTech and Pharma.</p>
2020-2022	<p>Growth Hub is a TU Dublin initiative to support the development of graduates, through fostering an entrepreneurial orientation and a growth mindset when they enter the workforce, enhancing their innovation and employability opportunities.</p>

Ongoing	<p>TU Dublin has policies in place ensuring all staff can work and learn in a positive, safe and equitable environment. These policies are routinely reviewed and revised as required. Some of these policies include:</p> <ul style="list-style-type: none"> • TU Dublin Dignity & Respect at Work Policy • TU Dublin Paternity Leave Policy • TU Dublin Maternity Leave Policy
Ongoing	<p>The TU Dublin Career Development Centre offers a career and employability platform 'Careers Connect', to support students' career development and employability.</p>
Ongoing	<p>The Advance Centre is an education partnership between TU Dublin, UCD and Atlantic TU Sligo. The Centre focuses on professional learning, offering accredited courses to help companies and employees address skill gaps that are emerging due to the tech and digital transformations taking place across many different industries across Ireland.</p>
Ongoing	<p>TU Dublin offers a course for people with disabilities who wish to start their own business 'Self Employment for People with Disabilities'.</p>
Ongoing	<p>IMMERSE Summer Start-up Internships Programme is a paid summer internship for students. Students can avail of an opportunity to work with, and learn from, start-up companies while achieving a CPD Certificate in Start-up Internship.</p>
Ongoing	<p>TU Dublin promotes and supports sustainable economic growth, through its Innovation and Enterprise Development activities; these encompass the promotion of start-up companies, university spin-outs, the commercialization of new technologies, incubation services, and mentorship programmes for companies seeking to develop innovative solutions to business challenges.</p>
Ongoing	<p>The TU Dublin Access to Apprenticeship programme is a twelve-week course for young men and women aged 16 to 24 living in Dublin who experience social and economic barriers and assists them in finding an apprenticeship.</p>
Ongoing	<p>TU Dublin is proud to hold an Athena SWAN Bronze Award. The University is committed to measuring and tackling gender pay gaps.</p>
Ongoing	<p>TU Dublin's recruitment policy, Recruiting Difference, Reflecting Diversity, promotes equality of opportunity, diversity and inclusion in the recruitment and appointment of staff.</p>

Ongoing	TU Dublin's Grievance Procedures support the development and maintenance of a positive working environment for all staff members and encourage communication between unions and management on all issues of concern.
Ongoing	TU Dublin Starting Salaries continue to be reviewed in line with public sector pay scales.
Ongoing	Starting Salary on Appointment to TU Dublin policy is now a pan University policy, allowing consideration to be given to a higher starting salary if the candidate has been employed on a current salary higher than the minimum point of the scale.
Ongoing	TU Dublin's Research Centre on Inclusive and Equitable Cultures (RINCE) was established in 2020 as a centre of excellence in innovative research and practice on equality, diversity and inclusion. It provides a TU Dublin-wide focus for interdisciplinary research in the EDI field.
Ongoing	Equality in Science & Technology by Engaged Educational Mentoring (ESTeM) was established as a unique mentorship programme for female students in Engineering and Computing to address gender equality.



TU Dublin SDG 9: Industry, Innovation & Infrastructure

Year	Event
September 2022	TU Dublin Product Design student developed a device with the potential to significantly reduce the incidence of Repetitive Strain Injury (RSI) amongst healthcare professionals.
August 2022	Brothers Eoin Oude Essink and Tadhg-Lorcan Oude Essink have won the prestigious nTopology Responsible Part Challenge 2022 and were semi-finalists in the ASME Heat Sink Challenge 2022, representing TU Dublin and Trinity College Dublin, respectively.
July 2022	TU Dublin hosted the 12th International Conference on Clinical Spectroscopy in the Central Quad on the University's Grangegorman Campus. SPEC2022 brought together 220 delegates, from academia, industry and the clinical sector, from across 5 continents to discuss the developments in Clinical Infrared and Raman Spectroscopy, and the latest successes in translation to clinical practice to improve patient outcomes.
July 2022	Ireland's leading Knowledge Transfer Office celebrated 15 years of innovation at TU Dublin and maximising research capabilities to generate over €200m in revenue. The award-winning Innovation Office is responsible for commercialising intellectual property arising from TU Dublin research, launching 44 spin-outs since 2007, including the hugely successful Kastus®, Micron Agritech and Ocumetra.
July 2022	TU Dublin has partnered with Chadwicks Group , Ireland's leading builders' merchants, to develop Ireland's first Design + Construct Centre. As part of the partnership, Chadwicks Group is donating €250,000 to support the construction of the new state-of-the-art Centre, which will redefine and revolutionise the teaching and learning of Architecture, Engineering and Construction (AEC) in Ireland.
June 2022	Collen Construction, a family-owned business founded in 1810, partnered with TU Dublin to support the development of Design + Construct , a centre of excellence for the Architecture, Engineering and Construction (AEC) sector.

June 2022	Wassenburg Medical Ireland invested in the future of healthcare with TU Dublin . Global healthcare company Wassenburg Medical Ireland has invested €280,000 in a healthcare-driven innovation partnership with TU Dublin to establish a state-of-the-art Medical Device Decontamination facility (MDD-Hub) on the University's flagship campus in Grangegorman.
June 2022	The School of Culinary Arts & Food Technology hosted the return of their food product development showcase this year in their new home in the Central Quad, Grangegorman.
April 2022	TU Dublin has launched a new Virtual Reality (VR) Training programme in conjunction with BioPharmaChem Skillnet. This programme was developed for the Pharma Industry and provides training in the area of Powder Handling for Pharmaceutical Manufacturing.
April 2022	PLOS, the non-profit open access publisher, and IReL, the Irish library consortium of which TU Dublin is a member, announced a new three year open access agreement , which allows researchers at eight participating institutions to publish open access articles in PLOS journals.
March 2022	The new TU Dublin Sustainability Statement was approved by the University in March. SDG 9 forms a key pillar in which the University commits to developing innovative solutions, through action research, to climate change through green technologies using our physical and digital infrastructure as a Living Lab to embed sustainability within our everyday learning and working environment.
January 2022	Minister Simon Harris TD announced Irish Research Council funding for 77 New Foundations projects that will bring researchers and community organisations together to collaborate on projects that will have a tangible impact on societal issues. Among the new research projects that received funding is A Sustainable Agenda for Gender Equality in Tourism and Hospitality: Promoting Entrepreneurial Pathways for Women in Central Vietnam (SAGETH) . TU Dublin's School of Hospitality and Tourism Management team, working closely with Huế University, will undertake an action research project to promote entrepreneurial pathways for women living in Central Vietnam.
Ongoing	TU Dublin's Human Factors in Safety and Sustainability (HFISS) group is a research group within the University that carries out high-impact research on multi-disciplinary, inter-sectorial and international projects, such as CISC (Collaborative Intelligence Scientists for safety critical systems) . CISC is a Marie Curie Training Network funded by the European Commission to hire and train Early-Stage Researchers (ESR) or PhD students as Collaborative Intelligence Scientists with the expertise and skillset necessary to carry-out the major tasks required to develop a Collaborative Intelligence system.
Ongoing	SellSTEM - Spatially Enhanced Learning Linked to STEM - is a Marie Skłodowska-Curie Innovative Training Network to investigate the role of spatial ability in and for STEM learning. The team consists of 15 PhD students, their supervisors from 10 universities in Europe and 8 partners that will host the students on secondment. The project runs from January 2021 for 48 months and is coordinated by TU Dublin.

Ongoing	ivenTUre is TU Dublin's student entrepreneur accelerator programme, encouraging student innovators to explore their entrepreneurial concepts and start their journey of establishing new innovative businesses.
Ongoing	TU Dublin's Incubation and Research Centres are the hub of innovation and technology transfer activities with three exceptional centres available: <ul style="list-style-type: none"> • Hothouse • The LINC • Synergy Centre



TU Dublin SDG 10: Reduced Inequalities

Year	Event
September 2022	Dyson unveiled this year's National James Dyson Award winner , Méadú, by Wicklow-born Product Design graduate from TU Dublin, Paul Hendrick. With Méadú, Paul has attempted to solve a problem connected with primary school students learning and engaging with mathematics in both the classroom and home.
September 2022	Language Studies at TU Dublin, in collaboration with language, culture and history of empire scholars in the University of Sussex (UK), Mary Immaculate College (University of Limerick) and University College Cork, presented: Algeria – Ireland: Resistance Cultures Festival .
August 2022	TU Dublin's Student Accommodation Guide offers students advice on accommodation options available to them and tips when looking for accommodation.
August 2022	A new four-day programme LEVEL-UP for Access was introduced to support those interested in returning to education or continuing their education but not sure where to start. The programme was managed by the TU Dublin Access Service which was established to assist individuals and communities in overcoming socio-economic barriers to accessing higher education.
August 2022	TU Dublin has purchased over two thousand laptops for students in the University, following the provision of funding by the Irish Government and the Higher Education Authority (HEA) to make laptops available on long-term loan to students in need.
July 2022	TU Dublin announced the launch of the 2022 Breakthrough Scholarship in association with THINKHOUSE and Yugo. This is a unique, tri-party scholarship designed specifically to help overcome barriers faced by young, marginalised students living in Ireland whilst fueling a more diverse marketing industry in Ireland.
June 2022	The TU Dublin Student Cost of Living Guide is published annually to assist students in preparing financially for university.

June 2022	TU Dublin has introduced an Entrepreneurship Programme for People with Disabilities . The course was launched in conjunction with the Open Doors Initiative , an early supporter and co-founder of the programme.
June 2022	TU Dublin is part of a consortium of Technological Universities in Ireland awarded €18.81m under the National Recovery and Resilience Plan (NRRP) to support teaching and learning reforms arising from the experiences of digitally enabled education during the Covid-19 pandemic. The NRRP is funded by the European Union and is the largest component of NextGenerationEU – the European Union’s response to the global pandemic. This is the first tranche of €40m in NRRP funding, which will be made available to the technological sector over two years (2022-2024) to support flexible course provision and increase participation in higher education by underrepresented groups alongside innovative approaches to addressing regional skills needs.
May 2022	TU Dublin announced 600 places under Springboard+ . Springboard+ courses are from Level 6 (certificate) to Level 9 (masters) on the National Framework of Qualifications and are delivered by public and private higher education providers around the country.
May 2022	Minister Niall Collins today launched a TU Dublin Report , which highlights the need to increase progression rates of students on Access Foundation Programmes to further undergraduate study.
April 2022	The School of Media and the Centre for Critical Media Literacy at TU Dublin hosted a seminar on how intellectual disability, care and the meaning of freedom are represented in media.
March 2022	TU Dublin created a Crisis Support Fund to assist researchers fleeing crisis situations. Across the World, researchers face threats to their lives, freedom, and careers in research.
Ongoing	TU Dublin leads the open research agenda with Arrow , our publicly accessible research repository. Arrow has now surpassed an 11m download (TU Dublin’s Annual Report, p.41)
Ongoing	Access to Apprenticeship (ATA) , run by TU Dublin, supports the transition of young people (16-24 years old) from disadvantaged backgrounds into an apprenticeship scheme. It is a 12-week full-time programme and is delivered by the <i>College of Engineering & Built Environment</i> on the Bolton Street campus of TU Dublin.
Ongoing	The TU Dublin PATH 3 project brings together the various campuses of TU Dublin, along with community partners, to collaborate on delivering strategies to increase access to higher education for under-represented groups.
Ongoing	The Fund for Students with Disabilities (FSD) allocates funding to third-level colleges, including TU Dublin, for the provision of services and support to full-time and part-time students with disabilities.
Ongoing	The Exceptional Circumstances Fund helps TU Dublin students who cannot access traditional funding, by providing assistance directly to those experiencing extreme and immediate financial difficulty.
Ongoing	TU Dublin appointed a Directorate of Equality, Diversity and Inclusion as part of our Strategic Intent 2030 under the People pillar have committed to ‘ <i>Being recognised as an exemplar in equality, diversity and inclusion (EDI)</i> ’.

Ongoing	The Higher Education Access Route (HEAR) Scheme is available at TU Dublin, encouraging school-leavers from socio-economically disadvantaged backgrounds to apply for full time undergraduate programmes.
Ongoing	The DARE (Disability Access Route to Education) is available at TU Dublin offering a third-level alternative admissions scheme for school-leavers whose disabilities have had a negative impact on their second-level education. It offers reduced points places to such school-leavers.
Ongoing	The TU Dublin Access Foundation Programme is a one-year full-time course preparing students, both personally and academically, to pursue undergraduate programmes at TU Dublin. The course is of particular benefit to adults who have been out of education for a long time, or who did not complete a Leaving Certificate. In addition, applications from people whose skills no longer allow them to access the labour market can participate.
Ongoing	TU Dublin offers Counselling Services and Continuing With Your Studies support services to assist students on their education journey.
Ongoing	TU Dublin recognises that some students may face financial difficulties during their time at college. The Student Assistance Fund is in place to support such students.
Ongoing	TU Dublin Student Dignity and Respect Policy and Procedures highlights our commitment to providing a safe and positive environment in which to work and learn preventing discrimination and harassment.
Ongoing	The 1916 Bursary Fund was first established in 2017 to encourage participation and success by students who are most socio-economically disadvantaged and who are from groups most under-represented in higher education.
Ongoing	TU Dublin Institute For Minority Entrepreneurship was established to offer different minority groups in Ireland equal opportunity through entrepreneurship education and training.



TU Dublin SDG 11: Sustainable Cities & Communities

Year	Event
Various 2022	TU Dublin hosted a range of performances, events and exhibitions that were open to the public, including: <ul style="list-style-type: none"> - TU Dublin Guitar Festival - Conservatoire Ensembles and Performances - Culture Night - Kaleidoscope 2022: Creative Digital Media End of Year Show
October 2022	TU Dublin library services hosted the Patrick O'Connell exhibition , a man whose life transcended the Easter Rising, World War I, The Spanish Civil War and World War II and one of the greatest stories in Irish sporting history.
September 2022	TU Dublin hosted Walk21 on the University's Grangegorman Campus. The annual international conference welcomed over 60 speakers and around 500 delegates to Ireland for a five-day global conference on walking and livable communities. There was a notable lineup of keynote speakers and programme of events for the conference.
July 2022	In conjunction with Trinity College, TU Dublin hosted the European Safety and Reliability Conference (ESREL 2022) on the University's Grangegorman Campus. The event welcomed over 600 participants from across the globe and included a focus on Safety and Reliability in Road and Rail Transportation.
June 2022	TU Dublin provided expert opinion to the Joint Oireachtas Committee on Housing, Local Government and Heritage in which it makes 39 recommendations around incentives and enforcement measures, policy issues and resourcing aimed at regenerating urban centres by bringing derelict or vacant properties back into use, including for social and affordable housing.
April 2022	TU Dublin Conservatoire's research project established a culture of excellence for music performance researchers. The PERFORM LIVE festival took place in the National Concert Hall and involved 90 superb artists from all over Ireland, the UK and Europe performing and discussing their work in front of a general and a specialist audience.

April 2022	TU Dublin in conjunction with Enactus Ireland , called on students to <i>Enact their Social Impact</i> and consider a career as a social entrepreneur through the ' Enact Your Social Impact ' campaign.
April 2022	TU Dublin was proud to rank in the Top 100 for SDG #11 in the Times Higher Impact Rankings 2022.
April 2022	Schoolchildren from the Dublin 7 Educate Together National School met Minister of State for Public Health and Wellbeing, to celebrate Why Walking Matters , with a lively morning walk around the beautiful grounds of the University's Grangegorman Campus. The event was to promote the Walk21 international conference which took place in TU Dublin in September.
March 2022	The new TU Dublin Sustainability Statement was approved by the University in March. Climate Action forms one of the three key pillars which commits to a portfolio of activities, where TU Dublin is committed to minimising travel and promoting the use of sustainable transportation modes.
March 2022	TU Dublin researchers, Dr Maria Chiara Leva and Dr Sarah Rock, presented ' Travelling in a Woman's Shoes ' to the Oireachtas (the parliament of Ireland) Joint Committee on Transport and Communications. The Report was published by Transport Infrastructure Ireland on the area of women and mobility with significant input from researchers across TU Dublin.
March 2022	TU Dublin's Green Week held several events providing a chance to debate ideas and showcase a living lab for environmental sustainability. The events included: <ul style="list-style-type: none"> - 7th March: Biodiversity Walk - 8th March: Unveiling of Painting Theodolite Rediscovered after the Event known as The Great Pummelling by artist Kevin Cosgrove - 10th March: Provision for Active Travel Fitting it into Busy Streets - Pop-up Bike Repair Shop, with Cycle Clinic
Ongoing	The Grangegorman Community Museum preserves the history of the original Grangegorman site as Ireland's first Psychiatric Hospital since 1814 to the current TU Dublin University, Ireland's first technological university of Ireland.
Ongoing	TU Dublin's new Multi-sports Playing Area in Grangegorman is open to the local community year-round.
Ongoing	TU Dublin's Lower House is the oldest historic building in Grangegorman, which was part of the original Richmond Asylum between 1810-1815 and has been beautifully restored as the main TU Dublin Student Hub, welcoming 10,000 students. A range of historical buildings have been restored as part of the TU Dublin University project.
Ongoing	TU Dublin is one of 17 higher education institutes to benefit from a €193M investment in Science Foundation Ireland (SFI) research centres over a period of six years. The five world-leading centres will carry out research into smart cities, as well as a range of other research.

Ongoing	<p>TU Dublin is undertaking several initiatives to reduce the adverse environmental impact of cities including:</p> <ul style="list-style-type: none"> - Air Quality: as part of the UN Globe Project, TU Dublin is working with Dublin City Council and local schools to take NO2 measurements and is the only institute in Ireland monitoring pollen to provide an Ireland specific pollen forecast - Biodiversity: each of TU Dublin's three main campuses work in conjunction with their local municipality's biodiversity action plan with interventions that aim to progress the local natural environment
Ongoing	<p>TU Dublin's Grangegorman Campus Environmental Sustainability Master Plan outlines its commitment to preserving 30 existing protected structures and places significant focus on pedestrian movements that guarantee the conditions for walking trips to be encouraged (p. 12- 13).</p>
Ongoing	<p>Grangegorman is highlighted as a case study in the National Development Plan 2021-2030 (p. 28) for the redevelopment of a brownfield site and conservation of the site's rich architectural heritage converting the land into the significant TU Dublin, Ireland's first technological university.</p>
Ongoing	<p>TU Dublin's library provides a wide range of membership to non-TU Dublin registered staff, student and community including:</p> <ul style="list-style-type: none"> - TU Dublin Alumni and External Readers - TU Dublin is a member of ALCID a co-operative access scheme between the universities of Ireland, allowing academics to collections without formality
Ongoing	<p>TU Dublin have created the TU Dublin Travel Hub to encourage staff and students to take advantage of the Government initiative offering tax-free bikes for cycling to work or tax-free annual transport passes.</p>
Ongoing	<p>TU Dublin encourages and promotes working from home to provide a sustainable approach to work and commuting.</p>
Ongoing	<p>TU Dublin has negotiated a discount rate for TU Dublin students with accommodation providers close our campuses to support students in finding suitable accommodation during their studies.</p>



TU Dublin SDG 12: Responsible Consumption and Production

Year	Event
October 2022	The EPA-funded <i>CircBioCityWaste</i> project featured in TU Dublin's Annual Report (p. 39). The Project examines how to convert municipal and dairy industry wastes into a clean source of energy and develop the residuals into novel bio-fertilisers for plant growth and soil health. The Principal Investigator on the Project is Dr Anushree Priyadarshini, a lecturer at TU Dublin.
October 2022	The TU Dublin's Annual Report (p. 31) featured the Minister of State launching Ireland's first <i>Whole of Government Circular Economy Strategy</i> at TU Dublin's Grangegorman campus. During the launch, three projects were showcased as examples of the circular economy in action at TU Dublin.
May 2022	The Dublin Gastronomy Symposium was hosted in the School of Culinary Arts and Food Technology's new home in the Central Quad at Grangegorman. The exciting, multidisciplinary gathering welcomed academics, practitioners from food production, researchers and scientists to network and engage in academic discourse regarding "all things food".
March 2022	The new TU Dublin Sustainability Statement was approved by the University in March. Climate Action forms one of the three key pillars which commits to a portfolio of activities, including practicing circular economy and sustainable procurement principles and reducing waste.
March 2022	During TU Dublin Green Week , various seminars, workshops, films and talks are organised exploring various topics related to climate action, sustainability and protecting our environment, including: <ul style="list-style-type: none"> - 8th March (Grangegorman Campus): Clean Up & Responsible Waste Awareness - 8th March (Grangegorman Campus): The Use of Reusables on Campus, the Circular Economy and Green Public Procurement - 10th March (Online Event): Single-Use Plastics in BioPharma

March 2022	As part of Green Week, TU Dublin's Environmental Sustainability and Health Institute (ESHI) hosted a daylong series of events to celebrate TU Dublin's research. One event focused on 'Sustainability Along the Supply Chain for Fresh Produce'.
February 2022	<i>Bio Wrap</i> were the winners of TU Dublin's first international ClimateLaunchpad competition, which celebrates pitches for business ideas with climate impact. The winning pitch, Bio Wrap, is a biodegradable, weatherproof alternative to standard plastic pallet wrap.
Ongoing	Two TU Dublin researcher projects were shortlisted as part of the <i>Science Foundation Ireland Future Innovator Prize</i> . One project was <i>Bluestreambio</i> , which seeks to transform waste fish blood into a biodegradable ink for 3D printing! The second was <i>Leaf No Waste</i> , which focused on extending the shelf life and reducing waste of salad leaves and progressed to the Seed Phase of the competition., which focuses on extending the shelf life of salad leaves in an attempt at reducing waste.
Ongoing	TU Dublin's catering contractor, Sodexo , is committed to sustainability, with a corporate citizen goal to reduce food waste by 50% by 2025 and to source sustainably to assist in reducing their carbon emissions by 35%. They also have 100 million Stop Hunger beneficiaries.
Ongoing	Aramark , one of TU Dublin's catering suppliers, had a goal of 'Less Waste, More Impact' and has a commitment to reduce food loss and waste by 50% by 2030 in all its operations.



TU Dublin SDG 13: Climate Action

Year	Event
September 2022	<p>The newly revised TU Dublin BSc (Hons) in Spatial Planning and Environmental Management course launched in September 2022. The new programme includes core features such as:</p> <ul style="list-style-type: none"> - Additional field trips such as the ‘Natural Environment Project’ - New course content in Climate Policy - New course content in the SDGs (Sustainable Development Goals)
June 2022	<p>As part of the Stoneybatter Festival, TU Dublin invited the local community to participate in an educational campaign to learn about sustainability initiatives in the neighbourhood and to encourage everyone to take part in climate action.</p>
June 2022	<p>TU Dublin’s Development Technology in the Community (DTC) Research Group launched ‘Where There Is No Engineer’ competition in June. The competition included six core development themes, which are:</p> <ul style="list-style-type: none"> - Self-Supply Water & Sanitation - Food Security - Community Participatory Health - On & Off-Grid Energy Systems - Climate Resilient Infrastructure - Communications

May 2022	TU Dublin and Kingspan Century announced a five-year partnership to create a scholarship programme that will support a student throughout their studies on TU Dublin's Sustainable Timber Technology programme .
May 2022	TU Dublin's Vice President for Sustainability, alongside the Minister for the Environment, Climate and Communication participated in a panel discussion, Rising to the Sustainability Challenge , about greening the university footprint and accelerating action towards carbon neutrality and a more sustainable society.
April 2022	TU Dublin was proud to rank in the Top 100 for SDG 13 in the Times Higher Impact Rankings 2022.
April 2022	TU Dublin's GROWTHhub participated in and promoted ClimateLaunchpad , a global green business ideas competition. The competition encouraged innovative business ideas in renewable energy, energy efficiency, food and agriculture, water, transportation, industrial technology or any other way to tackle climate change.
March 2022	TU Dublin's Sustainability Statement was approved by the University in March. Climate Action forms one of the three key pillars which commits to a portfolio of activities. TU Dublin is committed to combating climate change and reducing negative environmental impacts and climate related risks through the reduction of our greenhouse gas emissions.
March 2022	TU Dublin launched Green Week 2022 with a panel discussion on 'Inspiring Sustainability Leaders' featuring Ciaran Cuffe (MEP) and TU Dublin's Vice President for Sustainability. This much-anticipated annual event includes an action-packed agenda including seminars, workshops, films and talks exploring various topics related to climate action, sustainability and protecting our environment.
March 2022	Founders Dream was hosted as part of TU Dublin's Green Week . The Founders Dreams workshops supported students in becoming climate entrepreneurs by progressing their climate-focused business ideas, turning a dream into a reality.
Ongoing	TU Dublin offers a Sustainable Timber Technology programme which is taught in the context of the UN's Sustainable Development Goals and provides cross-sectoral skills such as critical thinking and creativity in addressing sustainability, with strong links to industry and work placement.
Ongoing	Work continues to implement the Grangegorman Sustainability Strategy to be carbon neutral by 2050. From the beginning of the design phase in 2014 for this major new Dublin quarter, the Grangegorman Development Agency has been working with TU Dublin to implement building design, construction, and building use systems that minimize the carbon emitting systems of the campus.

Ongoing	TU Dublin's Climate Action Plan commits to working with staff, students and other stakeholders to address the challenges of environmental sustainability through focused delivery of our teaching & learning, research and innovation and through systematic sustainability actions.
Ongoing	TU Dublin's Statement on Fossil Fuels was created to help address the challenges of climate change and sustainability and commits to invest in climate solutions, such as renewable energy, energy efficiency, sustainable agriculture, water efficiency.
Ongoing	In line with the government Climate Action Plan 2019 , the TU Dublin Energy Policy is committed to delivering 30% emissions reduction by 2030 and to develop a roadmap to carbon neutrality by 2050.
Ongoing	TU Dublin is a member of SFI MaREI , a Centre for Energy, Climate and Marine research and innovation, coordinated by the Environmental Research Institute (ERI).
Ongoing	TU Dublin's ESHI (Environmental Sustainability and Health Institute) focuses on research areas in <ul style="list-style-type: none"> – Food – Water – Energy – Policy & Lifestyle – Bio-Monitoring
Ongoing	TU Dublin, in conjunction with Dublin City Council is working with local schools on an Air Quality Project This project is part of the UN Globe Project and is supported by the Irish European Protection Agency (EPA) and An Taisce's Global Citizen Science Initiative . Schools use their grounds to take NO2 measurements, comparing the results with others in the area, nationally and internationally.
Ongoing	TU Dublin's three main campuses are implementing bio-diversity plans aligned to the National Biodiversity Action Plan . An outline of progress on the City campus is available at Biodiversity on Grangegorman Campus .



TU Dublin SDG 14: Life Below Water

Year	Event
October 2022	TU Dublin's Annual Report featured an opinion article on 'How to turn shellfish waste into bioplastics' (p. 32), which was published by a TU Dublin researcher and featured on RTE Brainstorm . RTE Brainstorm is the national broadcaster, who are collaborating with third level institutes to highlight new ideas and insights on Ireland and the world.
October 2022	TU Dublin's Sustainability Statement featured in the TU Dublin Annual Report (p. 63) states that "TU Dublin will continue to review measures to reduce the use of natural resources and the environmental impact of air, land, and water pollution caused directly or indirectly by the University's operations."
Ongoing	TU Dublin's research project Bluestreambio was shortlisted as one of fifteen projects to compete for the Science Foundation Ireland (SFI) Future Innovator Prizes of €2 million. Bluestreambio transforms waste fish blood into a biopolymer with applications in additive manufacturing from biodegradable plastics to biomedical engineering, transforming the waste stream into a biodegradable ink for 3D printing.
Ongoing	TU Dublin's Water Innovation Research Centre (WIRC) is part of ESHI (Environmental Health Sciences Institute). It seeks to reduce the influence of poor water quality on public health.
Ongoing	TU Dublin's ESHI (Environmental Health Sciences Institute) collaborate with industry partner Veolia , who designed a new state-of-the-art wastewater treatment plant, the construction of which will see new sewer pipelines, and the upgrade and extension of the existing outfall pipe to safely discharge treated effluent to Carlingford Lough.
Ongoing	TU Dublin's canteen contractor, Aramark , are committed to CSR (corporate social responsibility) which ensures their customers are offered a wide range of eco-friendly and responsibly sourced foods , including 100% sustainably sourced seafood.



TU Dublin SDG 15: Life on Land

Year	Event
March 2022	TU Dublin's Sustainability Statement was launched and approved by the University in March. Climate Action forms one of the three key pillars which commits to a portfolio of activities, including addressing biodiversity loss in our natural environment.
March 2022	During TU Dublin Green Week , various seminars, workshops, films and talks are organised exploring various topics related to climate action, sustainability and protecting our environment, including: <ul style="list-style-type: none"> - Peatland Restoration and Climate Mitigation - Urban Forest Tree Planting - ESHI 4th Annual Green Week Seminar - topics as diverse as pollution dynamics in agriculture, bee communities
March 2022	As part of Green Week, TU Dublin's Environmental Sustainability and Health Institute (ESHI) hosted a daylong series of events to celebrate TU Dublin's researchers' research. Events included: <ul style="list-style-type: none"> - A Drop Too Far – Pollution Dynamics in Agricultural Environments - Sustainability Along the Supply Chain for Fresh Produce - City Campus Air Quality Studies and Partnerships - Carbon Dynamics of Peat-based Biochar as a Greenhouse Gas Flux Regulator in Manure Management Applications - Listening Post: Multimodal Pedestrian Tacking in Woodlands and Other Remote Amenity Spaces
February 2022	TU Dublin's <i>School of Architecture, Building and Environment's</i> Nature of Nature event was a series of two field trips and three guided discussions to examine our relationship with nature and reconnect through observation, discussion and telling. Participants were exposed to a variety of ideas about nature and the environment, building awareness of how humans are always interacting with nature.

Ongoing	TU Dublin's <i>School of Architecture</i> launched a new programme in Sustainable Timber Technology . This programme supports the UN Sustainable Development Goals, focusing on the sustainable use of timber products, which have a vital role to play in the emerging sustainable bioeconomy.
Ongoing	TU Dublin's Grangegorman Campus Vision is to be one of the leading urban quarters in Ireland for its sustainability performance by 2050 and includes a biodiversity management plan.
Ongoing	Grangegorman Development Agency (GDA) is a statutory agency tasked with redeveloping a 30-hectare brownfield site in Dublin's North Inner City into a vibrant community that encompasses a world class, integrated and inclusive education, health, and community campus. TU Dublin is the largest stakeholder in the redevelopment. GDA's Sustainability Strategy has committed to improving life on land through the following goals <ul style="list-style-type: none"> - use 60% less mains water by 2050 - achieve good practice in Biodiversity - achieve best practice in Waste - achieve best practice in Transport
Ongoing	TU Dublin's canteen supplier Aramark has made a commitment to reduce food loss and waste by 50% by 2030 in all its operations. Their goal is 'Less Waste, More Impact'.
Ongoing	TU Dublin contracted an additional, new catering organisation, Sodexo . The company is committed to sustainability, with a corporate citizen goal to reduce food waste by 50% by 2025 and to source sustainably to assist in reducing their carbon emissions by 35%. They also have 100 million Stop Hunger beneficiaries.
Ongoing	Grangegorman Development Agency (GDA) is a statutory agency tasked with redeveloping a 30-hectare brownfield site in Dublin's North Inner City into a vibrant community that encompasses a world class, integrated and inclusive education, health, and community campus. TU Dublin is the largest stakeholder in the redevelopment. GDA's Grangegorman Campus Development Master Plan provides for the preservation of existing natural and cultural heritage through Habitat Conservation, Landscape Conservation, Cultural Heritage Conservation Strategy and investigation into any archaeological heritage on the site.



TU Dublin SDG 16: Peace, Justice & Strong Institutions

Year	Event
August 2022	TU Dublin launched the Student Ambassador Programme which provides an opportunity for current TU Dublin students to develop leadership, teamwork and communication skills while providing a valuable service to the University and to prospective students.
June 2022	TU Dublin Graduate Business School alumni gathered to brainstorm Fundraising Solutions for the Dublin Simon Community , a charity that supports the homeless and those in poverty.
May 2022	The School of Media and the Centre for Critical Media Literacy at TU Dublin hosted a seminar, Disability, Equality and Media: Questions of Representation that explored how intellectual disability, care and the meaning of freedom are represented in the media.
May 2022	TU Dublin is the first technological university to successfully complete an institutional review as part of quality checks conducted by Quality and Qualifications Ireland (QQI) the state agency responsible for the external quality assurance of further and higher education and training in Ireland. The Institutional Review Quality Report is publicly available on the QQI website and the TU Dublin website
March 2022	As a member of the Irish University's Association (IUA) and the EUA (European University Association), TU Dublin supports Ukrainian students in Ireland through the Ukraine Crisis Programme . The Government has set a target to make the Irish education system the "best in Europe" by 2026. The IUA acts as a voice for Irish universities in this respect and accounts for over two-thirds of all students in higher education.
Ongoing	Established under the Technological Universities Act 2018 TU Dublin is required by law under Section 10 to provide the right and responsibility to preserve and promote the principles of academic freedom and as such it has been incorporated into TU Dublin's Code of Governance document.
Ongoing	The University's Code of Conduct sets the highest standard of conduct amongst staff to ensure that actions are lawful and ethical, honourable and transparent.

Ongoing	<p>TU Dublin Strategic Intent 2030 was created having engaged over 2,500 stakeholders. A key pillar in our TU Dublin Strategic Intent is Partnership. TU Dublin’s ambition is to deliver shared impact and we will do this through a tightly connected network where we will make things happen through close partnerships with stakeholders. TU Dublin has formed close relationships and partnerships through research, industry and community.</p>
Ongoing	<p>At TU Dublin, every student is automatically a member of the TU Dublin Students Union (TDSU). The SU supports every student in receiving a quality educational experience and ensuring that there is an independent, democratic, voice of TU Dublin students. The SU is formally recognised by TU Dublin and works with the University to run the Class Representatives system to help enhance quality on academic programmes.</p>
Ongoing	<p>TU Dublin publishes on its website various documents related to its governance and operations, including annual reports, financial statements and Governing Body Minutes – available at Governance</p>
Ongoing	<p>TU Dublin’s HEPRU (Higher Education Policy Research Unit), works closely with national and international higher education organisations such as the Higher Education Authority of Ireland (HEA), European University Association (EUA) and International Association of Universities (IAU) looking at questions of strategic and policy concern to the future of higher education.</p>
Ongoing	<p>TU Dublin has a range of initiatives that engage local stakeholders, including residents, local government, local private groups and local civil society representatives:</p> <ul style="list-style-type: none"> – The AIB Research Centre on Inclusive and Equitable Cultures (RINCE) public lecture series provides a forum to discuss contemporary issues and current research and practice on equality, diversity and inclusion. – GLLF: The Grangegorman Labour and Learning Forum (GLLF) is a multi-agency voluntary group made up of representatives of a range of statutory, voluntary and community organisations and stakeholders – SLWC: This award-winning programme involves TU Dublin staff & students working with communities to develop real life projects for mutual benefit – CIRCLET: CIRCLET is an international learning community, which has developed two new professional development initiatives supporting community engaged learning and research – Engagement Outreach: The Engagement Outreach team host workshops and motivating events to encourage students to consider applying for higher education – Grangegorman ABC Programme: This is a prevention and early intervention programme for children aged 0-6 and their families. It is part of the national ABC programme, funded by TUSLA, the Child and Family Agency – TU Dublin Active Retirement Association: TU Dublin ARA was set up and is managed by the retired members of staff of the University and currently has over 100 members



TU Dublin SDG 17: Partnership

Year	Event
September 2022	Language Studies at TU Dublin, in collaboration with language, culture and history of empire scholars in the University of Sussex (UK), Mary Immaculate College (University of Limerick) and University College Cork, hosted the Algeria – Ireland: Resistance Cultures Festival, 16-18 September 2022 . This year marks one hundred years since the independence of the Irish State and sixty years since Algerian independence. For the first time, this three-day festival brought together Algerian and Irish photographers, filmmakers, musicians, dancers, scholars and writers to explore the common anti-colonial resistance histories.
September 2022	TU Dublin is one of eight members of the EUt+ (European University of Technology) Alliance, which hosted several conferences and events, including: <ul style="list-style-type: none"> • 2nd European Culture and Technology Lab+ Annual Conference (Ect Lab+) • Improving Teaching and Learning in Stem Fields: A Research and Development Approach • Re-imagining Higher Education through Equity, Inclusion and Sustainability
July 2022	TU Dublin welcomed the Creating Our Future Report . Creating our Future is a unique national brainstorm that received more than 18,000 ideas on how to create a better society. The diverse breadth of public submissions on where research should be focused ranged from ideas on the environment, mental health, food and sustainable and green living, to housing, health, the arts, digital challenges, learning and development, and nurturing community.
July 2022	TU Dublin is delighted to welcome the Chadwicks Group to a tightly connected network of industry and academic partners, collaborating to hasten the digital transformation of the sector and set new international standards of practice in support of climate action. Leading builders' merchants Chadwicks Group will contribute to the development of Ireland's First Design and Construct Centre , which commenced in July 2022. The new €22M project at Broombridge is Ireland's first Centre of Excellence for construction education.

June 2022	Allied Irish Bank (AIB) and TU Dublin support the Entrepreneurship for People with Disabilities Programme , a new 12-week course which commenced in September.
June 2022	TU Dublin is part of a Consortium of Technological Universities in Ireland that was awarded an initial allocation of €18.81M under the National Recovery and Resilience Plan (NRRP) to support teaching and learning reforms arising from the experiences of digitally enabled education during the Covid-19 pandemic. The Recovery and Resilience Facility is funded by the European Union and is the largest component of <i>NextGenerationEU</i> – the European Union’s response to the global pandemic.
March 2022	TU Dublin Green Week is an annual celebration of innovation and partnerships, a chance to debate ideas and to showcase a living lab for environmental sustainability across Ireland's first Technological University. A wide range of events, activities and opportunities to participate in Green Week 2022 were organized and delivered in conjunction with our external partners, including the Planting an Urban Forest with the Local Community . Green Week is organised in partnership with the Environmental Education Unit of <i>An Taisce</i> , and seeks to educate and promote successful environmental programmes, including the Green Campus .
Feb and Oct 2022	CONVENE , a TU Dublin and University College Dublin initiative, which received €17.5M in funding, seeks to transform university-enterprise engagement for the benefit of Irish society and the economy. In February, CONVENE launched a new Enterprise Fellowship Programme to give staff the time, space, and resources to work on a wide range of projects aligned with TU Dublin’s strategic plan, and CONVENE’s mission to transform university-enterprise engagement for the benefit of Irish society and the economy. In October, TU Dublin launched an Enterprise Academy for Talent Development , a new business unit to support Irish-based enterprise in their talent development efforts and long-term skills strategy.
Ongoing	TU Dublin is a member of SGroup . SGroup is a network of over 50 higher education institutions from 23 European countries and six countries outside Europe that aims to strengthen the institutional capacities of its member universities to reinforce their international visibility, to expand their collaboration opportunities in education and research and to improve the quality of their governance, teaching, research and administrative practices.
Ongoing	TU Dublin Strategic Intent 2030 was created having engaged over 2,500 stakeholders. A key pillar in our TU Dublin Strategic Intent is Partnership. TU Dublin actively reaches out and in to connect people, to share competencies, join ideas, create synergies and unearth new opportunities. The University seeks to increase and deepen partnerships all over the world, on the understanding that the complex problems of today are solved together.
Ongoing	TU Dublin, in conjunction with Dublin City Council is working with local schools on an Air Quality Project . This project is part of the UN Globe Project and is supported by the Irish European Protection Agency (EPA) and An Taisce's Global Citizen Science Initiative . Schools use their grounds to take NO2 measurements, comparing the results with others in the area, nationally and internationally.

Ongoing	The three main campuses at TU Dublin are implementing a Biodiversity Action Plan in conjunction with local government, with interventions that aim to progress the local natural environment.
Ongoing	TU Dublin is collaborating with the Dublin Food Co-Op , which promotes and sells sustainably sourced vegetarian, organic and local food. TU Dublin culinary arts students created a sustainability checklist for purchasing and business students worked to create a sustainable business plan.
Ongoing	<p>TU Dublin is a member of Campus Engage, a national initiative that seeks to enable and embed civic and community engagement activities in higher education (SDG 11). Their report, Campus – Community Engagement in Action, features initiatives from all three main campuses:</p> <ul style="list-style-type: none"> - City Campus (p. 6) students collaborated with the <i>Irish Penal Reform Trust (IPRT)</i> to produce reports that could affect Irish penal policy into the future - Blanchardstown Campus (p. 10) worked to inform the development of a five to ten year social, community and economic plan for the Mulhuddart area - Tallaght Campus (p. 18) I-VOL mobile app was developed by a part time student to enable Volunteer Ireland to engage people through use of the app. I-VOL makes the process of finding a suitable volunteering opportunity in your locality easier
Ongoing	TU Dublin’s Environment Sustainability & Health Institute (ESHI) addresses national policy objectives, undertaking user-focused, goal-oriented research with national and industry relevance. ESHI informs policy design and translation and develops capacity for implementing policy, delivering science to policy.
Ongoing	TU Dublin is a member of SFI MaREI , which comprises of 220 researchers focusing on defined global challenges such as Energy Transition, Climate Action and the Blue Economy.