



TU Dublin SDG 13: Climate Action

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.

Year	Event
September 2022	<p>The newly revised TU Dublin BSc (Hons) in Spatial Planning and Environmental Management course launched in September 2022.</p> <p>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	<p>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.</p>
May 2022	<p>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.</p>
April 2022	<p>TU Dublin was proud to rank in the Top 100 for SDG 13 in the Times Higher Impact Rankings 2022.</p>
April 2022	<p>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.</p>
March 2022	<p>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.</p>
March 2022	<p>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.</p>

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	<p>TU Dublin's ESHI (Environmental Sustainability and Health Institute) focuses on research areas in</p> <ul style="list-style-type: none"> – Food – Water – Energy – Policy & Lifestyle – Bio-Monitoring

Ongoing	<p>TU Dublin, in conjunction with Dublin City Council is working with local schools on an Air Quality Project</p> <p>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.</p>
Ongoing	<p>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.</p>