



TU Dublin SDG 2: Zero Hunger Progress Report 2021

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 second 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
Sept 2021	TU Dublin’s contracted a new catering organisation, Sodexo , who’s Corporate Citizen Goal by 2025 is to reduce food waste by 50% and have 100 million Stop Hunger beneficiaries
April 2021	Leaf No Waste at TU Dublin is one of four teams to make it to the Seed Phase of the Food Challenge under the SFI Future Innovator Prize Programme. Ireland produces one million tonnes of food waste each year and the project investigates methods to extend the shelf life of salad leaves.
Feb 2021	Minister for Higher Education announced that TU Dublin’s research project Leaf No Waste was shortlisted as one of fifteen projects to compete for the SFI Future Innovator Prizes of €2 million, investigating methods to extend the shelf life of salad leaves.
Jan 2021	TU Dublin’s ESHI (Environmental Sustainability & Health Institute) Resident Researchers announce Publication in Food Chemistry Journal . This research paper investigates the food processing approaches which can modify the protein structure of milk which changes the allergenic properties of milk.

Ongoing	<p>TU Dublin contributed on SDG #2 to RTE Brainstorm, the national broadcaster, who are collaborating with third level institutes to highlight new ideas and insights on Ireland and the world.</p> <p>-How Ireland Can Rethink its Approach to School Meals and Food Education</p> <p>-6 Ways to Reduce Food Waste in Your Home</p>
Ongoing	<p>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>'</p>
Dec 2020	<p>TU Dublin partnered in an EU project to revise food security procedures for safe food delivery with Safelivity during the COVID-19 pandemic</p>
Dec 2020	<p>TU Dublin Hothouse Spin-Out, Micron Agritech raises €500,000 in seed investment. The Micron Kit, a patent-pending rapid parasite testing kit, presents an innovative solution to a problem which has evaded and increasingly affected the agricultural industry for years. Globally, parasitic infection is the most common health issue facing grazing livestock.</p>
November 2020	<p>As part of the 'European Researchers' Night', a 3hr TU Dublin Zero Hunger Hack was held to develop new concepts, ideas and proposals so that TU Dublin researchers could contribute responses to the global challenge of achieving Zero Hunger.</p>