



TU Dublin SDG 14: Life Below Water 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
June 2021	Water Stations Ireland joined the TU Dublin Open Labs Research event to provide insights into their collaboration with TU Dublin on World Oceans Day. Water Stations Ireland use cutting edge technology to provide an alternative way for people to access free clean water without the use of a single-use, disposable plastic bottles.
Feb 2021	Minister for Higher Education announced that TU Dublin’s research project Bluestreambio was shortlisted as one of fifteen projects to compete for the 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 Climate Action Plan was formally adopted in 2020 and is now being implemented.
Ongoing	The Water Innovation Research Centre (WIRC) is part of ESHI (Environmental Health Sciences Institute) in TU Dublin. It seeks to reduce the influence of poor water quality on public health.

Ongoing	<p>TU Dublin's canteen contractors commitment to CSR (corporate social responsibility) will ensure they lead by example increasing transparency and improving operations and innovations</p> <ul style="list-style-type: none"> - Responsible Sourcing
Ongoing	<p>TU Dublin contributed on SDG #14 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 to turn shellfish waste into bioplastics</p>