



### TU Dublin SDG 7: Affordable & Clean Energy Progress Report 2020

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.

TU Dublin was formally established on the 1st of January 2019 as the first technological university in Ireland. The TU Dublin Strategic Intent 2030 was launched in January 2020 and this document forms the first 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
Ongoing	<p><a href="#">TU Dublin Energy Lab</a> (DEL) is a leader in science and engineering energy research in Ireland conducting research across a range of disciplines including but not limited to:</p> <ul style="list-style-type: none"> <li>- <a href="#">electrical power</a></li> <li>- <a href="#">energy policy</a></li> <li>- <a href="#">solar energy</a></li> <li>- <a href="#">zero emissions buildings</a></li> <li>- <a href="#">lighting</a></li> </ul>
Ongoing	<p><a href="#">TU Dublin SIBRU</a> (Sustainable Infrastructure And Buildings Research Unit) delivers sustainable research for the Irish construction industry.</p>

Ongoing	<a href="#">CREST Technology Gateway based at TU Dublin campus</a> is the largest electrical switchgear manufacturer in the UK & Ireland. TU Dublin works directly with the local industry aiming at improving energy efficiency and clean energy by providing expertise in pioneering unique in-house integrated power solutions.
Ongoing	<a href="#">TU Dublin Hothouse</a> provides assistance for start-ups that foster and support a low-carbon economy and technology.
2020	The new <a href="#">TU Dublin Grangegorman Campus</a> will welcome 10,000 students to its state of the art facilities over the course of the academic year 2020/2021. The construction, managed by GGDA, have followed the <a href="#">Grangegorman Master Plan</a> incorporating a stringent environmental <a href="#">sustainability strategy</a> including renewables energy and natural ventilation strategies.
November 2020	<a href="#">TU Dublin Energy Efficiency Policy</a> was formally approved to serve as a driver to improve and promote energy efficiency and conservation.
November 2020	<a href="#">TU Dublin Statement on Fossil Fuels</a> 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.
March 2019 & 2020	TU Dublin celebrates Green Week. This much-anticipated annual event includes seminars, workshops, films and talks exploring various topics related to affordable & clean energy, including a session on Energy Awareness Survey and Cycle Clinic. <ul style="list-style-type: none"> <li>- <a href="#">2020 Green Week Events</a></li> <li>- <a href="#">2019 Green Week Events</a></li> </ul>
May 2019	<a href="#">TU Dublin joined SFI MaREI Research Centre</a> , contributing to research in areas focused on Energy Efficiency Buildings.
April 2019	<a href="#">TU Dublin joined the Oireachtas Committee</a> (Irish House of Parliament) to inform and support government in clean energy and an energy-efficient technology policy for the proposed Microgeneration Support Scheme Bill.
March 2018	DIT launched <a href="#">Energy Awareness Week</a> to provide tips on how to save energy.
September 2017	<a href="#">DIT was awarded the ISO 50001:2011 Energy Management Systems Standard</a> . The ISO standard is an international framework assisting organisations in creating impact through efficient energy management.
May 2017	<a href="#">DIT Energy Policy</a> was formally approved with the principle aim to meet or exceed energy legislation.
April 2017	<a href="#">DIT Energy Awareness Action Plan</a> was launched consisting of an energy awareness & communication campaign.
April 2016	<a href="#">DIT Hothouse participated in the Energy Show</a> at the RDS showcasing the latest Clean Energy technologies and related R&D capabilities of the institute.
September 2015	<a href="#">QualiBuild Ireland - Training in Low Energy Building Construction</a> 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 coordinated by TU Dublin with other partners.