

**Féidearthachtaí as Cuimse**  
**Infinite Possibilities**

# **Embedding Sustainability in the Curriculum in TU Dublin through Policy and Innovative Teaching Methods**

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# TU Dublin Strategy

## Strategic Intent 2030

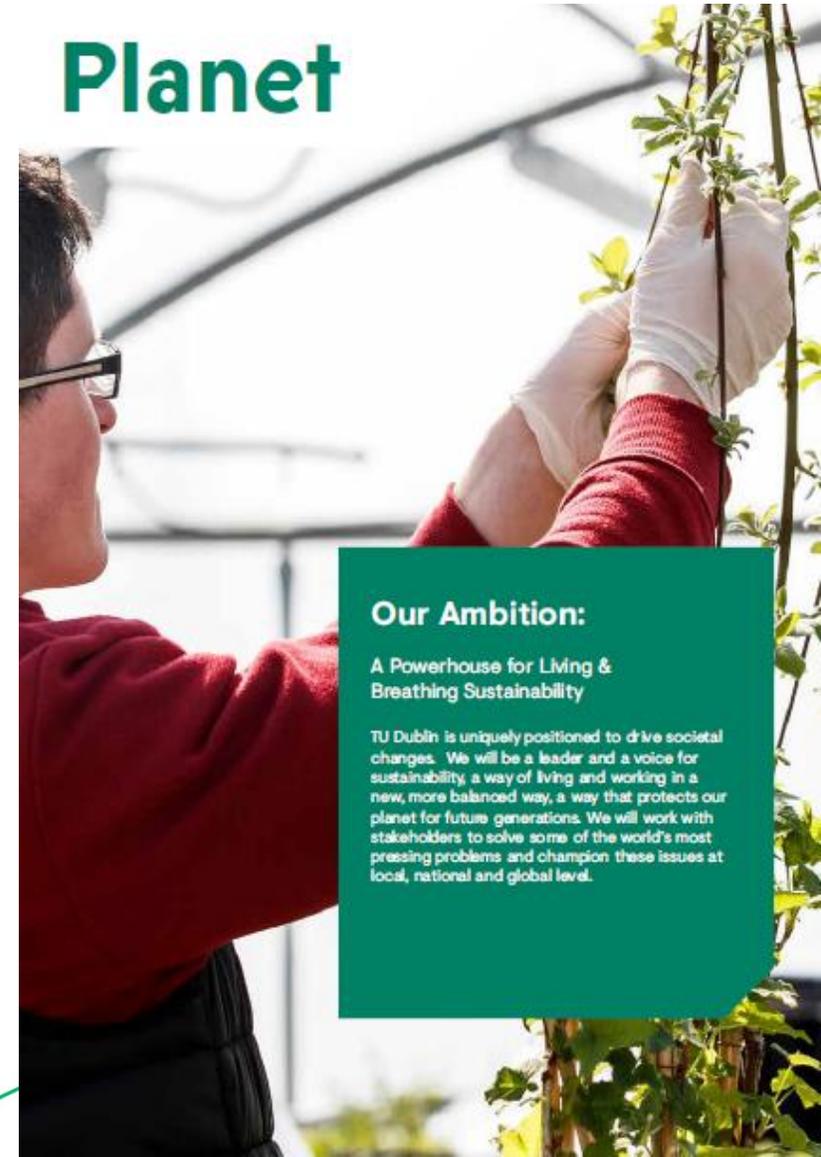
- *All programmes will have sustainability as a learning outcome*

## Planet

### Our Ambition:

A Powerhouse for Living & Breathing Sustainability

TU Dublin is uniquely positioned to drive societal changes. We will be a leader and a voice for sustainability, a way of living and working in a new, more balanced way, a way that protects our planet for future generations. We will work with stakeholders to solve some of the world's most pressing problems and champion these issues at local, national and global level.



# Policy and Systems

## Sustainability Education Policy

- *Sustainability integrated into curriculum – not a stand-alone module.*
- *Progressive development of skills*



# Policy and Systems

## Graduate Attribute

- *Based on SDGs and GreenComp*

## Quality Framework

- *Programmatic Reviews*
- *Validation process*
- *Integration with Programme Module Catalogue*



# Education for Sustainability Digital Badge

National Forum for the Enhancement of Teaching and Learning in Higher Education Digital Badge on 'Education for Sustainability', co-facilitated by ATU, TU Dublin, UCC, DCU, and SETU.  
Partnership with FE sector.

<https://opencourses.ie/opencourse/education-for-sustainability/>



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## Education for Sustainability

Duration  
25 hours



# Staff capacity building

## CPD – Educating for Sustainability

*I thought the entire CPD was brilliant - (even the bits that confused the heck out of me) were so useful as a way of thinking about the topics. I got absolutely lost in some of the sections with family debates going on - capitalists versus environmentalists, which led to some interesting dinner table conversations. I started using the SDG wedding cake in almost every class & many other concepts too.*

# School/Discipline/Programme Team workshops



Focused on auditing and reviewing programmes and modules

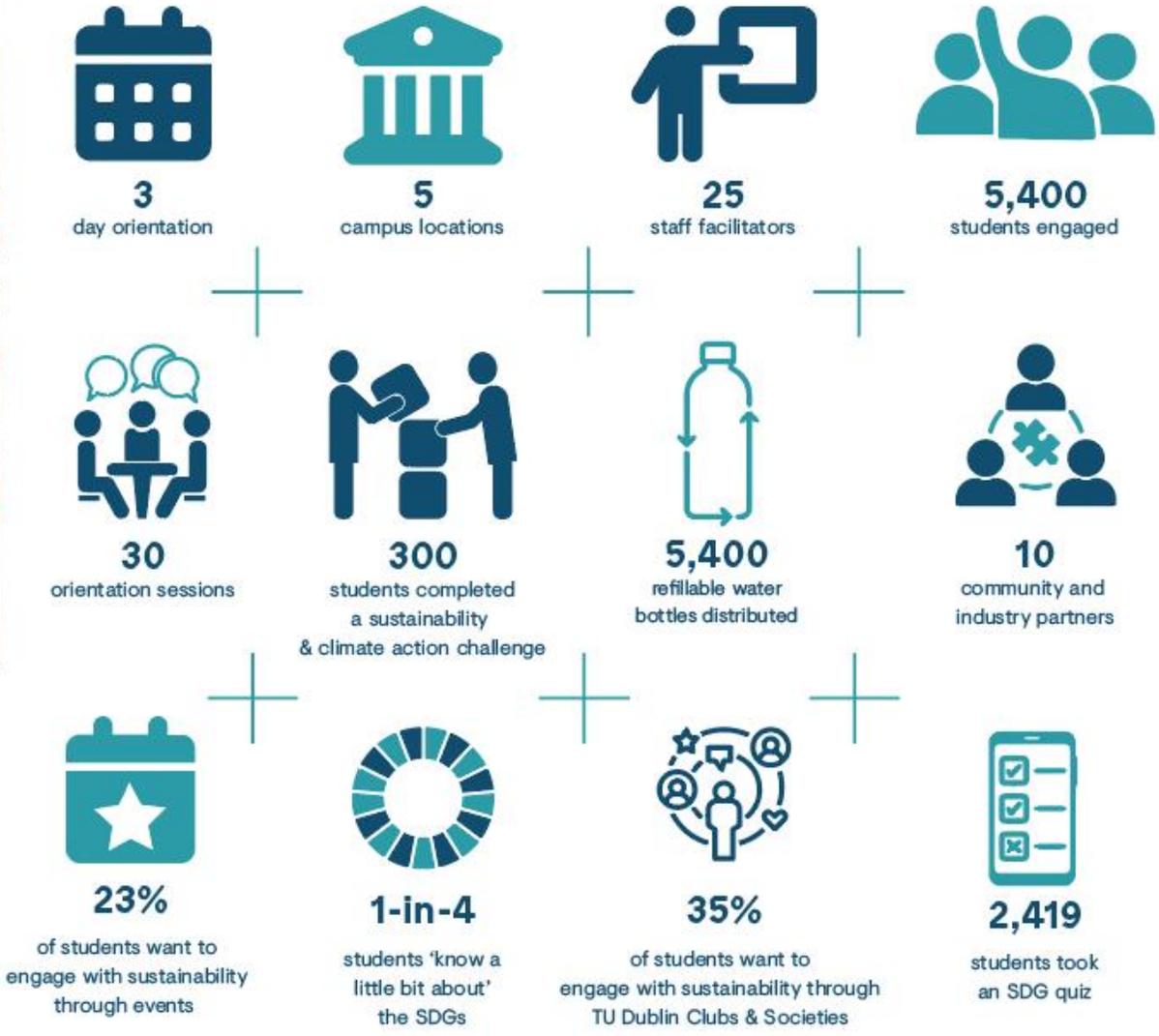
# Sustainability and Climate Action Orientation 2024

Faculties & Schools work to embed sustainability within the curriculum to enable & empower students to progressively develop their sustainability knowledge & skills in a manner which is clearly linked and applied to their programme.



## Inbhuanaitheacht Sustainability

### Impact figures at a glance



# Other workshops



**Climate Fresk**



**Stepping into Doughnut**

# Sustainable shelter sleep-out

12 groups of students on the BSc (Hons) in Architectural Technology at TU Dublin were tasked with designing and building a structure that could survive out in the open for a single night.

**Will they survive and what will they learn?**





**Design and build a shelter to hold 9 of your classmates.**

**Survive for one night out in the open in October.**

**Maintain 20 degrees.  
Min. 500 Lux. Stay dry!**

# How much more energy does a ChatGPT prompt use than a Google search?

- A. The same
- B. x 2
- C. x 10
- D. x 25

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# Thank you!

<https://www.tudublin.ie/sustainability/>

#TUDublinSustainability