



THE UNIVERSITY OF
MELBOURNE

Innovating for a Sustainable World

Driving Global Impact Through Sustainable Engineering and IT

Faculty of Engineering and Information Technology (FEIT), The University of Melbourne

Faculty of Engineering and IT Our Sustainability Portfolio

At the University of Melbourne's Faculty of Engineering and Information Technology (FEIT), we are deeply committed to addressing the planet's most pressing environmental, social, and economic challenges.

Our **Sustainability Portfolio** is at the heart of this commitment, serving as a strategic framework to integrate sustainability into every facet of our work – from cutting-edge research and transformative education to our daily operations and community engagement.

We believe that engineers and IT professionals are uniquely positioned

to design and implement the solutions required for a more resilient and sustainable world.

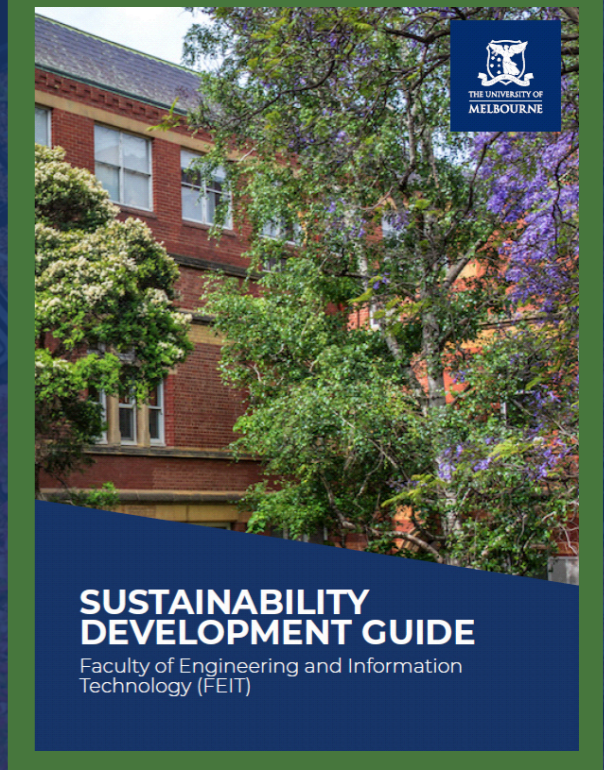
This portfolio showcases our collective efforts, highlighting the dedication of our staff, students, and partners in fostering a culture of sustainable innovation.

FEIT Sustainability Development Guide

Our Sustainability Development Guide helps us to:

- Focus our efforts
- Capitalise on our strengths
- Deliver greater value to:
 - Our people
 - Our students
 - Our partners

Our guide outlines ways that our core business of research and teaching can become **more aligned with and contribute further to** the sustainability goals outlined by the University in Sustainability Plan 2030.



Our Vision

Our vision is to empower the next generation of leaders with the knowledge and skills to drive meaningful change, ensuring that every FEIT graduate is equipped to contribute to a sustainable future.

We are dedicated to translating ambitious goals into tangible impacts, making sustainability not just a concept, but a living practice.

Sustainability Plan 2030

The University's Plan is focused around three domains for action and aligns 12 priorities to these three domains. The three domains for action describe the strategic approach to accelerating society's transition to sustainability.



Amplifying action through campus and communities

To integrate the Plan's knowledge mobilisation and operational domains in ways that amplify their contribution, means leveraging synergies between institutional activities, and embedding innovation and learning into how we operate and engage.



Mobilising knowledge for action

To catalyse action and solutions for sustainability, we must inspire our students and staff to develop deep disciplinary and interdisciplinary perspectives on sustainability, and collaborate with communities, government, industry and institutional partners to advance real-world solutions and reciprocal learning.



Walking the talk in our operations

To model the commitment and action necessary to effect meaningful change by 2030, how we operate and develop our institution must minimise harm and promote the health of the ecosystems and networks they are part of.

FEIT Sustainability Community of Practice

This dynamic network brings together academic and professional staff from across FEIT, dedicated to supporting and informing our comprehensive sustainability agenda.

Within this collaborative environment, members share knowledge, exchange expertise, and contribute strategic advice to shape relevant initiatives, fostering a culture of continuous improvement and innovation in sustainability.

To effectively advance our goals, the Community of Practice is organized into three key working units, each focused on a critical domain:

Research Unit

This unit drives our sustainability research excellence. Members collaborate to identify emerging sustainability challenges and opportunities, and develop impactful research projects and initiatives. They focus on leveraging FEIT's world-leading expertise to create innovative, evidence-based solutions that address global sustainability issues, translating cutting-edge science into real-world impact.

Education Unit

Focused on integrating sustainability into our educational programs, this unit ensures that our graduates are equipped with the knowledge and skills to lead in a sustainable world. They work on curriculum development, explore new pedagogical approaches for teaching sustainability concepts, and identify opportunities to embed sustainable practices into student projects and learning experiences, preparing the next generation of engineers and IT professionals to be sustainability leaders.

Operations Unit

This unit champions the implementation of sustainable practices across our Faculty's daily operations. Members focus on improving resource efficiency, reducing our environmental footprint (e.g., energy consumption, waste management, water use), and promoting sustainable procurement. They identify operational improvements, develop practical guidelines, and foster behavioural changes within the Faculty to ensure our internal practices align with our external sustainability commitments.

The FEIT Sustainability Community of Practice serves as the vibrant core of our Faculty's commitment to a sustainable future.



Tracking Our Impact Sustainability Dashboard

The FEIT Sustainability Dashboard is a central tool designed to amplify our commitment to a sustainable future, serving as a dynamic hub for all faculty members.

Its primary purpose is to significantly enhance awareness around sustainability initiatives within our Faculty, fostering a shared understanding of our collective environmental and social responsibilities. By providing clear, accessible information, the dashboard aims to engage every member of our community, from staff and students to researchers, in our sustainability journey.

Beyond awareness, the dashboard is instrumental in tracking FEIT's progress towards the University's overarching sustainability targets. It visualises our performance across various key

indicators, offering real-time insights into our achievements and areas where further effort is needed. This clear, data-driven approach allows us to monitor our impact effectively, ensuring accountability and aligning our efforts directly with the University's ambitious goals.

Ultimately, the dashboard serves as a powerful instrument for visibility and behavioural change. By making our sustainability efforts and impacts transparent, it encourages proactive engagement and empowers individuals to make more sustainable choices in their daily work and lives. This visibility helps celebrate successes, identify challenges, and inspire a culture of continuous improvement, collectively driving FEIT towards a more sustainable and responsible future.



The FEIT Sustainability Dashboard makes our sustainability impact visible, measurable, and actionable.

Showcasing Our Work FEIT Sustainability Website

The FEIT Sustainability Website showcases our goals, progress, and achievements in building a more sustainable future. It highlights projects, shared stories, and makes our impact visible to staff, students, partners, and

the wider community. As both a resource and a platform for collaboration, it amplifies our work and reinforces our commitment to the University's Sustainability Plan 2030.

FEIT Operations "Walk the Talk"

As we turn our attention towards taking active measures to make our societies more sustainable, FEIT acknowledges that all of our staff has a vital role to play. Learn more about our commitment to making sustainability a reality across the Faculty.



FEIT Sustainability Community of Practice

A network of academic and professional staff from across the FEIT who are committed to supporting the Faculty's sustainability agenda.



Green Caffeem

Available at Melbourne Connect and across the University campus, Green Caffeem is a free reusable coffee cup system that supports our commitment to reducing waste to landfill and ensuring ethical and social consumption.



Melbourne Connect

With multiple 6 Star Green Star ratings, purposely designed with a focus on sustainability from design and construction to operations, Melbourne Connect sets the standard for sustainability building practices.



Fishermans Bend Campus

The University of Melbourne has purchased a 7.2-hectare site in the heart of the Fishermans Bend Employment Precinct to build a world-class engineering and design campus.



Sustainable events

The Faculty of Engineering and Information Technology are committed to hosting events that minimise negative impacts on the environment by following the Universities Sustainable Events Guide.

FEIT Sustainability Portfolio

Join Us in Building a Sustainable Tomorrow

The Faculty of Engineering and Information Technology at the University of Melbourne is committed to leading the way in sustainability. We invite you to explore our work further and join us in our mission to create a better, more sustainable world for all.

Find Out More:

Visit the FEIT Sustainability Website: eng.unimelb.edu.au/about/sustainability



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