



Curtin University

Sustainable Development Action Plan 2025-2027

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Acknowledgement of Country

Curtin University acknowledges Aboriginal and Torres Strait Islander peoples of Australia and recognises the many nations who have looked after Country for more than 60,000 years as Custodians and Owners of these lands.

We are honoured and grateful to operate our campuses on the lands of the Whadjuk people of the Noongar Nation in Boorloo (Perth) and the Wongutha people in Karlkurla (Kalgoorlie). We pay our respects to Elders past and present.

We recognise all First Nations peoples' deep knowledge, cultural, spiritual and educational practices, across our global campuses and network, and aspire to learn and teach in partnership with them. We commit to working together with all Custodians and Owners to strengthen and embed First Nations' voices and perspectives in our decision-making as we navigate a pathway forward together.

Acknowledging and recognising First Nations' wisdom, experience, and understanding of environmental limits is relevant and necessary to address many of today's challenges. The holistic integration of collective values and mindful action modelled by First Nations ways of being offers a vital course correction for our planet's trajectory. By partnering with the Custodians and Owners we can better manage our campus operations, helping to minimise our impact and repair nature.

In collaborating with our First Nations students, colleagues, and communities on Country, we will continue to learn from their practices to repair the land, modify our actions to reduce our impact, and ensure its health for future generations.

Sustainable Development positioning statement

Curtin is committed to advancing sustainable development across all areas of our organisation through our Five Pillars of Action: **education, research, engagement, governance and operations.**

The University is focused on five key objectives to achieve this goal, guided by the United Nations Sustainable Development Goals* (SDGs):

- Equitable Societies
- Circular Economy
- Health
- Nature Positive
- Net Zero

*Our mission to provide *SDG 4: Quality Education* is embedded throughout these objectives.

We will provide regular, transparent updates on our progress through detailed annual reporting and spotlighting success across our organisation.

Curtin is committed to partnering with First Nations people and incorporating more than 60,000 years of deep knowledge and understanding of Country as we work towards a thriving, sustainable future together.

With this shared commitment, Curtin will continue to make a meaningful difference for people and our planet through partnership.



Equitable Societies: Curtin will seek to remove systemic barriers and provide tailored support to create fair and equal opportunities for individuals and groups, where everyone can participate, access the resources they need and thrive.



Circular Economy: Curtin will support a Circular Economy by reducing waste, avoiding unnecessary consumption, and keeping resources in use through reuse, refurbishment, and recycling to reduce their environmental impact.



Health: Curtin will contribute to a thriving society where individuals and communities are supported through its health-related research, education, community services, and co-curricular programs.



Nature Positive: Curtin will adopt practices that actively restore and protect ecosystems and biodiversity, ensuring human activities contribute to net environmental improvement and ecological regeneration. Nature Positive practices at Curtin incorporate First Nations knowledge and wisdom in caring for Country.



Net Zero: Curtin will reduce its emissions as fully as possible by prioritising efficiency improvements and cleaner energy, with carbon offsets used only as a final measure to balance any remaining emissions.

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Executive Summary

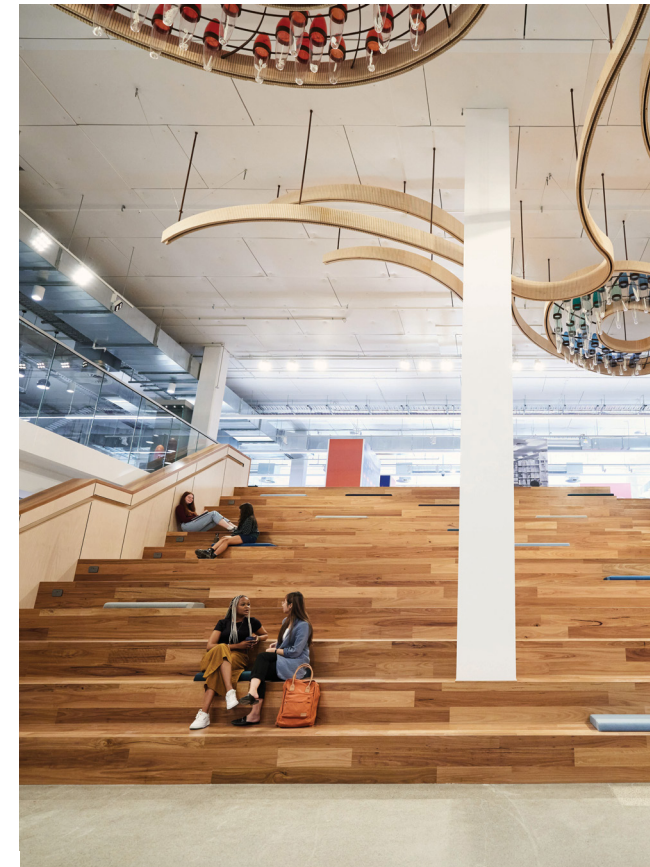
Building on the 2023 *Sustainable Development Strategy: Towards 2030*, Curtin's first *Sustainable Development Action Plan (2025-2027)* draws on our knowledge and experience, bringing the breadth of the University's excellence together into a coordinated and systemic approach to change.

Curtin has a history of delivering high-impact research, innovations and activities that enhance Sustainable Development, guided by our strategic approach focussed on the pillars of People, Planet, and Partnership. The Strategy sets out our vision for how sustainable development would be embedded in more of what we do, encompassing multiple perspectives and areas of expertise, and empowering our staff, students, partners, and alumni to take meaningful action. This vision informed the development of this Action Plan.

Across the term of this Action Plan, we will scale up successful initiatives from across the University and evolve a culture that encourages the emergence of new Sustainable Development practices. Guided by the Sustainable Development Strategy, we have identified our Five Pillars of Action: Learning and Teaching, Research, Engagement, Operations, and Governance.

Our focus for the next two years is to build on our success across five key areas: developing circular economies, nurturing equitable societies, deploying nature positive practices, promoting good health and wellbeing and building momentum towards Net Zero. In these areas, we can make significant and measurable progress within the term of this Action Plan. With ambition, respective areas will develop and report against targets to measure their progress towards these shared goals. Areas will be supported by sponsors from the Senior Executive Team to embed these measures into their processes and daily activities.

I am excited about the journey ahead and the positive impact we can achieve together. By working collaboratively and embracing innovation, we will continue to drive sustainable development across all areas of our University. Together, we can make a difference for people and our planet through partnership.

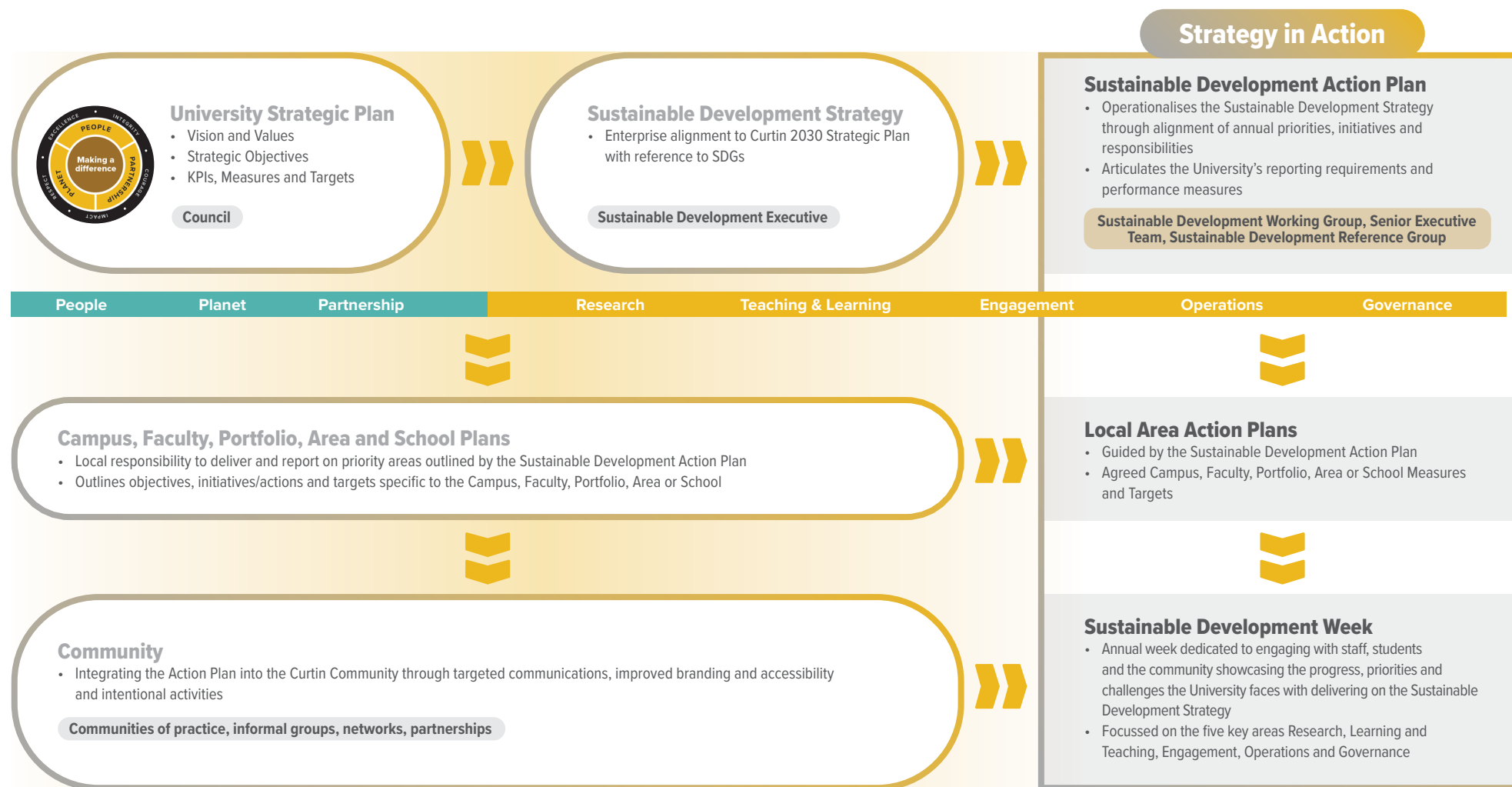


Curtin Volunteers! Beach Clean-up 2025
(Image: Wild Red Media)



Governance Hierarchy

Sustainable Development Governance Hierarchy



Curtin Sustainable Development Strategy: Progress to date

Curtin's activities impact society and the environment. While developing our Sustainable Development Strategy: Towards 2030, we identified five pillars that Curtin can use to advance social and environmental priorities: Learning and Teaching, Research, Engagement, Operations and Governance. Taken together, these areas form our Five Pillars of Action. Some of Curtin's highlights since the publication of the Sustainable Development Strategy in 2023 are:

				
Learning and Teaching	Research	Engagement	Operations	Governance
Designed curriculum and delivery for a sustainable learning future, focusing on equity, accessibility, and inclusivity. Introduced AKARI attributes to measure SDG inclusion in curricula. Established the cross-faculty Planet Positive specialisation. Aligned Curtin Leaders and Curtin Volunteers! activities with the SDGs.	Utilised the campus as a Living Lab and test bed for Sustainable Development research in the built environment. Mapped Curtin's research strengths to the SDGs. Established the Net Zero Precincts project working across industry and campus to jointly develop and implement innovative strategies for transitioning urban areas to Net Zero.	Developed Scope 3 Emissions Executive Education offering. Launched Sustainable Event Guidelines. Created the Library Illuminates: A Path to Sustainability exhibition. Created the Planet Positive Learning Community. Established Guild Vice President Sustainability and Welfare role. Established Sustainability Collective Curtin Guild club.	Developed the Decarbonisation Plan to reduce Scope 1 and Scope 2 greenhouse gas emissions. Embedded equity, accessibility, wellbeing, and environmental impact reduction in new built environment and facilities developments. Established KPIs to measure space utilisation, water use, and waste reduction.	Established Sustainable Development Working Group, and Sustainable Development Reference Group. Commenced local area sustainability working groups in Schools and Faculties.

Priority SDGs

Curtin's Sustainable Development Action Plan focuses on five United Nations Sustainable Development Goals, aligned with our themes of Circular Economy, Equitable Societies, Health, Nature Positive, and Net Zero.



Underpinning this Action Plan is Curtin's commitment to Higher Education's role in delivering the SDGs through SDG 4 which will *"ensure that all learners acquire the knowledge and skills needed to promote sustainable development including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development"*.

Social Equity

Driving Change: Gender, Diversity, and Sustainability

Professor Nigar Sultana is a globally recognised, award-winning educator passionate about gender equity, diversity, and sustainable business.

In 2024, Nigar published groundbreaking research showing that gender diversity on boards boosts SDG reporting and overall sustainability. Analysing data from over 16,000 firms across 42 countries, the study found that having at least two women on a board improves reporting by 11%.

With a background in accountancy, Nigar is also a strong advocate for Environmental, Social, and Governance (ESG) reporting, emphasising its role in better business performance. She works to ensure Business, Economics, and Finance students understand the importance of integrating sustainability into business strategies.



These goals help people thrive by providing resources and support systems and fostering resilience. The quality of life for everyone.

The message is clear: gender

Lack of diversity isn't

sustainability.

serious business risk.

In 2022

249M

CASES MOSTLY AMONG YOUNG SUB-SAHARAN AFRICA/CHILDREN

ing toll of
ood data

in University
(MAP),

and biostatistics
efforts.

2025-2027 Actions

SDG #3 aims
to reduce the
of malaria

Learning and Teaching: Taking action in 2025-2027

Executive Sponsor: Deputy Vice-Chancellor, Academic

Curtin University will further embed sustainability knowledge, skills and values into teaching and learning. Through curricular and co-curricular activities, we will equip our students to be able to respond to global sustainability challenges as leaders, innovators and active global citizens.

Goal	Proposed actions
Embed sustainable development within courses in a meaningful and context-rich manner	• Feature real world examples of sustainable development issues in assessments and engagement opportunities • Present diverse offerings addressing real-world sustainable development challenges in all courses • Prepare students to enter the workforce with an awareness of industry-specific sustainable development issues through work integrated learning • Establish Communities of Practice and interdisciplinary knowledge exchange to ensure sustainable development is meaningfully integrated into curriculum • Seek curated, quality resources to use for sustainable development learning activities • Connect Curtin students with industry partners in real-world learning experiences in sustainable development • Make funding available to develop new challenge-based sustainable development offerings
Develop a search tool for students that identifies Units, Courses and opportunities for focused sustainable development study	• Provide access for staff and students to enhanced systems, tools and processes that ensure they have equitable access to the right information, at the right time to engage in sustainable development learning
Co-curricular and extra-curricular activities, and Study Abroad and Exchange programs, including New Colombo Plan (NCP) and Curtin Volunteers! (CV) embed Sustainable Development opportunities	• Educate and equip graduates to solve real-world sustainable development challenges as a result of the learning opportunities at Curtin • Intentionally select external partners that align with Curtin's sustainable development priorities and goals • Ensure key programs and offerings address environmental and societal challenges • Highlight Curtin's expertise and leadership in addressing sustainable development challenges when launching new offerings

Learning and Teaching: Sustainable Development in action



The Sustainability Challenge is an industry-partnered, intensive unit enhancing learning opportunities through challenge-based learning experiences.

Annually, the Sustainability Challenge fosters collaboration and practical problem-solving across themes such as Net Zero, Circular Economy, and Nature Positive. The Sustainability Challenge is offered through the Curtin School of Design and the Built Environment, with participating students from all Faculties earning 25 credit points towards their undergraduate or postgraduate degrees.

The Sustainability Challenge has connected hundreds of students with academic mentors and industry experiences, working in cross-disciplinary collaboration. In addition to building sustainability literacy, the program helps students develop a sense of agency to contribute to positive change.

In 2024, the Sustainability Challenge reached a new audience, with the inaugural Global Sustainability Challenge bringing together 32 students from all six of Curtin's international campuses across the Indian Ocean Rim to tackle critical environmental and sustainability issues. Held at Curtin Singapore, the event was a collaborative effort to advance innovative solutions for a more sustainable future.



Students and Partners at the Sustainability Challenge Showcase 2024



Research: Taking action in 2025-2027

Executive Sponsor: Deputy Vice-Chancellor, Research

Curtin University will continue to advance impactful research that addresses sustainable development challenges, contributing to solutions that foster clean industries, climate change mitigation and adaptation, and societal equity. Our research will drive advancements that benefit the environment and communities, supporting a sustainable and equitable future.

Goal	Proposed actions
Develop research capability across our global campus network by supporting opportunities for researchers to connect and co-design projects that address sustainable development	• Provide strategic funding through faculties and campuses for multidisciplinary sustainable development research • Showcase the impact of research in our priority SDGs • Support opportunities to build sustainable development networks • Enhance visibility of staff sustainable development capabilities • Equip research students to embed sustainable development objectives in their field of expertise through their research projects
Procedures and processes support sustainable development in research, commercialisation, strategic funding, awards and research Engagement and Impact	• Include sustainable development as an essential criteria in Strategic Research Initiatives, Research Awards, and Curtin Innovation Awards • Celebrate research contributions to achieving Circular Economy, Nature Positive, Health, Net Zero and Equitable Societies goals • Ensure Curtin research innovations contribute to sustainable development solutions
Embed principles of Circular Economy, Nature Positive, Health, Net Zero and Equitable Societies in our research operations	• Adopt green laboratory procedures and monitoring • Ensure purchasing and procurement for laboratory research is free from Modern Slavery • Achieve Bronze LEAF status

Research: Sustainable Development in action



Collaborative research with big data paves the way for healthier cities in a changing climate.

In the face of climate change challenges, Curtin researchers in the WHO Collaborating Centre for Climate Change and Health Impact Assessment (WHOCC) and policymakers are collaborating to leverage big data and implement climate adaptation strategies across Australia.

Heatwaves are a significant health threat, causing many deaths in Australia. The increasing frequency and severity of heatwaves, driven by climate change, is aggravated in cities by the urban heat island effect, making densely populated urban areas more vulnerable to heat-related mortality.

By integrating mortality statistics, air pollution and weather data, infrared satellite images and climate projections, researchers have built the Clean Air Research Data and Analysis Technology (CARDAT) platform. Using CARDAT, researchers have found that increasing urban greening and reducing dark surfaces can reduce heat-related mortality in both current and future climates.



To address the complexities of the climate-health crisis, a multidisciplinary collaborative approach to research is crucial. Public health officials, urban planners, and policymakers require data driven tools to evaluate climate adaptation projects and risks. This approach, Research-Policy-Practice, drives real world outcomes for health, liveability and biodiversity, as well as reducing the risk of heat-related mortalities.



Engagement: Taking action in 2025-2027

Executive Sponsor: Provost

Curtin University will continue to collaborate with the Curtin community's initiatives, activities and partnerships that promote and demonstrate sustainable development.

Goal	Proposed actions
Build a centralised communication channel for students and staff to identify sustainable development opportunities and events within Curtin	• Empower students to easily find and participate in co-curricular activities that support sustainable development • Provide opportunities for students at Curtin Global campuses to participate in opportunities related to sustainable development • Establish a dedicated one-stop-shop that includes Learning and Teaching, Research, Operations, Governance and Engagement opportunities • Transparently share achievements and progress towards sustainable development commitments
Build a sustainability culture with a focus on capacity and capability building, and community building, within Curtin	• Provide opportunities for students and staff to develop their understanding of environmental and social issues through events and activities • Connect engaged students and staff through participation in sustainable development activities and networking • Provide access for students to facilitated grassroots activities • Engage and connect staff through events and Communities of Practice • Support and empower staff to recognise opportunities to embed sustainable development into their local areas and work duties • Make proactive investment in upskilling and education opportunities for staff to enable improved sustainable development research and learning and teaching • Provide access for staff to a central location for sustainability expertise and assistance • Provide opportunities for staff to engage in programs that increase their ability to integrate sustainable development outcomes into their roles • Promote actions and activities which highlight sustainable development • Include sustainable development in outreach activities • Make sustainable development literacy a focus for all Curtin staff
Develop Sustainable Development Partnership guidelines	• Form partnerships through a shared, demonstrated and articulated commitment to positive social and environmental outcomes • Co-develop Curtin-led guidelines to help Curtin and partners find a shared sustainable development alignment • Ensure Curtin's partnerships align with our approach to sustainable development

Engagement: Sustainable Development in action



Delivering Carbon Literacy Training enables staff and students to take collective climate action.

Since 2023, the Curtin University Faculty of Business and Law has been delivering Carbon Literacy Training to empower staff and students with the knowledge to reduce their carbon footprint and inspire others to do the same.

Curtin staff and students come together in a combined classroom setting to complete eight hours of training, certified by the Carbon Literacy Project. This program provides a platform for participants to exchange perspectives, co-design solutions, and support each other in addressing major environmental and social challenges through action.

To date, the program has introduced transformative changes at Curtin, including establishing the Sustainability Collective Curtin, a guild club focused on grassroots environmental action on campus, and further integration of climate change content into Curtin's MBA program.

In late 2024, the program reached a significant milestone when Curtin student Laura Pitts co-facilitated one of the sessions. Laura, who completed her Carbon Literacy certification in 2023, has continued to support the program under the Students as Partners model.

In October 2024, Curtin was awarded Bronze Carbon Literate Organisation status by the international accrediting body, The Carbon Literacy Project.



Student Laura Pitts, delivering Carbon Literacy Training to staff and students

Operations: Taking action in 2025-2027

Executive Sponsor: Chief Operating Officer

Curtin University will initially concentrate on embedding sustainable development across its Western Australian campuses, focusing on Net Zero, cleaner energy, water conservation, sustainable transport, and waste management. We will prioritise the well-being of our communities and collaborate with our international campuses to advance sustainability globally.

Goal	Proposed actions
Develop Plans for Curtin operations and activities in Western Australia for: • Decarbonisation • Climate Change adaptation and resilience • Waste avoidance and resource recovery • Water use	• Roll out implementation of the Plans • Prioritise campus operations which minimise and offset Scope 1 and Scope 2 emissions • Make infrastructure, built environment, programs and strategic choices that manage risks associated with climate change • Ensure campus operations achieve West Australian waste avoidance and recovery targets, and adapt to a drying climate aligning with the Waterwise Perth Action Plan 3
Take a comprehensive and integrated approach to addressing Scope 3 emissions across the organisation	• Engage students and staff in reducing Scope 3 emissions • Ensure staff across Curtin understand Scope 3 emissions related to their role • Set an aspirational Scope 3 target
Develop Nature Positive policies and practices across our Western Australian campuses	• Implementation of a Biodiversity Plan for Curtin's Western Australian campuses • Ensure campus development and activities enhance and preserve the natural environment • Engage staff and students in campus-based Nature Positive activities

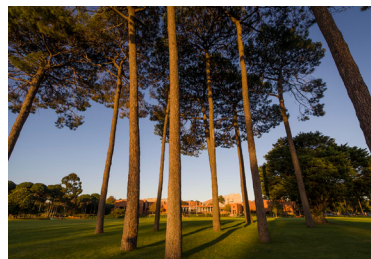
Operations: Sustainable Development in action



Curtin's location in a global biodiversity hotspot comes with responsibility to care for its unique biodiversity.

Curtin is a sanctuary for two remarkable species of Black Cockatoos: Carnaby, and the Forest Red Tailed, also known as Karrak. These birds, found only in a small area of Western Australia, face significant pressure due to urban development, which removes their food and roosting sites. However, Curtin's Black Cockatoo Action Plan has provided them with a refuge on campus.

Implemented in 2012, the Action Plan has been regularly updated to meet the evolving needs of these endangered and threatened species. It ensures a sustainable environment where cockatoos can thrive despite human activities. Curtin's trees, including Marri, Banksia, and Pine, provide essential food for the cockatoos, which is scarce in the Perth Metro Area. Since 2014, the creation of Curtin's Urban Forest has led to the planting of over 6,600 trees, 600 shrubs, and 6,200 tube stock, with plant survival rates increasing from 24% to 100% by 2022.



Carnaby's Black Cockatoo visiting Curtin Boorloo (Bentley) campus



Climate change poses additional challenges, with heatwaves and reduced rainfall making extra water sources crucial. Curtin has installed bird baths, 'cocky troughs,' and 'cocky water towers' to provide fresh water.

Looking ahead, Curtin plans to plant 130 pine trees in 2025 and 150 more in 2026, ensuring a future food source for the cockatoos. Additionally, quick-growing pecan, almond, and macadamia trees will provide supplementary food.

Curtin's commitment to Black Cockatoos is part of its Nature Positive commitment. In 2025, the Faculty of Science and Engineering will undertake an environmental DNA (eDNA) survey with students, capturing a baseline of biodiversity on our Bentley campus. This approach supports Curtin in protecting nature and inspiring future scientists.



Governance: Taking action in 2025-2027

Executive Sponsor: Chief Legal Officer

Curtin University will embed sustainable development into our governance frameworks across teaching, research, engagement and operations, ensuring transparent policies, practices and reporting.

Goal	Proposed actions
Develop an overarching Sustainable Development Policy to inform Sustainable Development practices across Curtin	• Ensure Curtin's policies and procedures support taking actions that underpin a Circular Economy, are Nature Positive, help reach Net Zero, promote good health and build Equitable Societies • Ensure Sustainable Development Policy informs and enables Curtin to consider its activities through a sustainable development lens • Ensure policies and procedures are assessed for their impact on sustainable development as part of the regular review process • Ensure key policies and procedures which impact sustainable development are publicly available
Develop policies and procedures for Curtin operations and activities in Western Australia for: • Responsible Investment • Environmentally and Socially Sound Procurement	• Ensure Responsible Investment Policy integrates social, environment and corporate governance factors into investment management and ownership • Make conscientious investments in sectors and companies that minimise environmental harm, support investments in ESG assets, and have eliminated Modern Slavery • Ensure staff and contractors enhance a circular economy, contribute to protecting and restoring nature, minimise greenhouse gas emissions, and avoid Modern Slavery through policies and procedures related to the purchase or procurement of goods and services • Ensure staff have the information they need to understand the environmental and social impacts of procurement and purchasing
Implement a reporting framework that draws on good practice from Industry	• Provide transparent and regular reporting against framework • Report and disclose our sustainable development commitments, targets and progress in line with reputable measures • Ensure reporting develops information and governance that enable future sustainable development commitments • Openly share our progress with our peers and enable them to reach their own sustainable development targets

Governance: Sustainable Development in action



BCEC | WGEA Gender Equity Insights Series of reports have revealed – and tried to remedy – the gender pay gap in Australia.



In a nearly decade-long partnership, the combined efforts of Bankwest Curtin Economic Centre (BCEC) and the Workplace Gender Equality Agency (WGEA) have brought about significant legislative changes. In 2023, their recommendations led to the introduction of a federal law mandating that employers with over 100 staff members publicly disclose their gender pay gap.

Pay transparency is expected to drive substantial positive change, fostering a more equitable pay structure across Australian workplaces. By publicly disclosing pay information, organisations are held

accountable and encouraged to take proactive steps towards closing the gender pay gap, contributing to a more equitable and inclusive workforce.

Curtin has committed to pay transparency and has programs in place to reduce inequality in pay and to address systemic and gendered barriers to career potential in higher education. Curtin's Provost Fellows Program develops the leadership and managerial skills of senior academic women (cisgender and transgender), non-binary, and gender-diverse individuals who demonstrate strong academic and leadership potential.

Fellows collaborate with the Office of the Provost on a project aligned with Curtin's Strategic Plan, and undertake professional development exploring how to bring their specialist skills into a senior leadership role.



Appendix One: Glossary

Throughout the Action Plan, specific and technical terms are used. The simple language explanations in this Glossary are sourced from non-profits, initiatives, and reports by global bodies, ensuring that Curtin's use of these terms aligns with these authoritative definitions.

Circular Economy

A systems solution framework that tackles global challenges like climate change, biodiversity loss, waste, and pollution. It is based on three principles, driven by design: eliminate waste and pollution, circulate products and materials (at their highest value), and regenerate nature. It is underpinned by a transition to renewable energy and materials. Transitioning to a circular economy entails decoupling economic activity from the consumption of finite resources. *Ellen MacArthur Foundation. (n.d.). Glossary. Retrieved December 13, 2024, from <https://www.ellenmacarthurfoundation.org/topics/circular-economy-introduction/glossary>*

Circularity Measures

Measures taken to retain the value of products, materials, and resources and redirect them back to use for as long as possible with the lowest carbon and resource footprint possible, such that fewer raw materials and resources are extracted, and waste generation is prevented. *Global Reporting Initiative. (2020). GRI 306: Waste 2020. Global Reporting Initiative.*

Equity

The process of being fair to all individuals and groups, by addressing present and historical inequality in order to work towards equality in outcomes. Equity may involve the use of temporary special measures to compensate for the historical and systemic bias and discrimination faced by marginalized groups. Systems, institutions, policies and programming may be described as equitable or inequitable depending on their approach to addressing inequality. Generally speaking, equity is a means to the goal of equality. *United Nations Children's Fund. (2022). UNICEF Glossary of Terms Related to Diversity, Equity and Inclusion. (Internal document). New York, NY: United Nations Children's Fund.*

Health

Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity. The enjoyment of the highest attainable standard of health is one of the fundamental rights of every human being without distinction of race, religion, political belief, economic or social condition. *World Health Organization. (1946). Constitution of the World Health Organization. New York, NY.*

Nature Positive

Halt and Reverse Nature Loss by 2030 on a 2020 baseline and achieve full recovery by 2050. To put this more simply, it means ensuring more nature in the world in 2030 than in 2020 and continued recovery after that. *Nature Positive. (n.d.). Resources. Retrieved December 13, 2024, from <https://www.naturepositive.org/resources/>*

Net Zero Emissions

Net zero emissions are achieved when anthropogenic emissions of greenhouse gases to the atmosphere are balanced by anthropogenic removals over a specified period. *Masson-Delmotte, V., Zhai, P., Pörtner, H.-O., Roberts, D., Skea, J., Shukla, P. R., Pirani, A., Moufouma-Okia, W., Péan, C., Pidcock, R., Connors, S., Matthews, J. B. R., Chen, Y., Zhou, X., Gomis, M. I., Lonnoy, E., Maycock, T., Tignor, M., & Waterfield, T. (Eds.). (2018). Annex I: Glossary (Matthews, J. B. R., Ed.). In *Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* (pp. 541-562). Cambridge University Press. <https://doi.org/10.1017/9781009157940.008>*

Net Zero

Net zero means cutting carbon emissions to a small amount of residual emissions that can be absorbed and durably stored by nature and other carbon dioxide removal measures, leaving zero in the atmosphere. *United Nations. (n.d.). Net-Zero Coalition. Retrieved December 13, 2024, from <https://www.un.org/en/climatechange/net-zero-coalition>*

Net Zero Science Based Target

A net-zero science-based target is a greenhouse gas mitigation target that implies:

- Reducing scope 1, 2, and 3 emissions to zero, or a residual level consistent with reaching global net-zero emissions, or at a sector level in eligible 1.5°C-aligned pathways; and
- Permanently neutralizing any residual emissions at the net-zero target year and any GHG emissions released into the atmosphere thereafter.

Science Based Targets Initiative (SBTi). 2024. "SBTi Glossary V1.2".

Sustainable Development

Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. *Brundtland, G. (1987). Report of the World Commission on Environment and Development: Our Common Future (United Nations General Assembly Document A/42/427).*

Appendix Two: Further information

Curtin enables Sustainable Development through our strategic documents:

- [Curtin 2030 Strategic Plan](#)
- [Sustainable Development Strategy](#)
- Learning and Teaching Strategy
- Research Enabling Plan

Further information about data sets and external standards related to actions contained in this document include:

- [Green Building Association Greenstar Community Assessment](#)
- [Kep Katitjin – Gabi Kaadadjan Waterwise Perth action plan 3](#)
- [Western Australian Waste Avoidance and Resource Recovery Strategy 2030](#)

Supporting data can be found at:

- [Curtin University Annual Report](#)
- [Curtin University Living Campus](#)
- [Waste Authority WA Waste Data Portal](#)



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