

UC CYCLE PLAN 2022 - 2030



BACKGROUND AND CONTEXT

In 2022, the UC Sustainability Plan 2022 – 2030 was adopted. This falls out of the UC Strategic Vision 2020-2030 and describes, at a high level, those actions the University intends to take in improving its sustainability performance across teaching and learning, research, environmental sustainability, partnerships and engagement and becoming carbon net neutral by 2030. It is supported by a number of more detailed sub-plans, of which this new UC Cycle Plan 2022-2030 is one.

The UC Sustainability Plan's fourth priority, *Improving Environmental Sustainability* includes a piece on improving active transport and mobility, three of which are directly linked to cycling:

- Improving cycling infrastructure across UC campuses and encourage cycling
- Reviewing and repositioning cycle parks to best effect
- Travel surveys to be undertaken every four years to guide campus planning

The UC Sustainability Plan has also set organisational targets for sustainable commuting, including cycling, bussing, and other active and shared travel modes. UC's 2022 cycling target was to maintain the baseline from 2020 (18%). Ahead to 2030, a more ambitious target of 20% has been set.

CYCLING AT UC: IN REVIEW

In 2022, a review of past and present cycling facilities, services and engagement tools was undertaken. This review document "Cycling at UC: Context, Background and Review" was one of the tools used to build an understanding of priority areas and strategies needed to enhance the future of cycling on and around campus through until 2030.



THE PLAN

Currently, 18% of UC staff and students choose cycling as their main mode of transport. Car use however still remains the most dominant choice (45% collectively) and so with that in mind, the UC Cycle Plan 2022 – 2030 indicates an eight year programme of works to meet the needs and expectations of staff, students and visitors of the University of Canterbury (UC) around cycling.

Building on the previous UC Cycle Plan 2014-2022, this Plan addresses key areas of interest to our community, including major drivers and barriers to choosing to cycle:

- Cycle parking – types and provision
- Cycle routes – current and planned
- End of trip facilities (showers, lockers and other requirements)
- Cycle safety and security
- On-campus maintenance hubs and other facilities
- Education and engagement programmes
- Staff, student and visitor wellbeing
- Cycling advocacy and action
- How cycling can complement other types of transport infrastructure at UC

As well as setting an organisational target for cycling, the UC Sustainability Plan (2020-2030) identifies five priority areas, one of which includes a piece on **“Improving active transport and mobility - improve cycling infrastructure across UC campuses and encourage cycling. Review and reposition cycle parks to best effect”**.

The actions identified in the remainder of this plan are aligned with this piece of the UC Sustainability Plan, UC Mahere Oranga | Wellbeing Implementation Plan and ultimately the University’s environmentally sustainable chapter of the Strategic Vision | Tangata Tu, Tangata Ora.



1. Improving cycling infrastructure across UC campuses, including:

- **Cycle parking**
- **End of ride facilities**
- **Cycle routes**

	Short term (2023 - 2024)	Med term (2025 - 2026)	Long term (2027 - 2030)
Cycle parking: secure	<p>Review the condition and types of existing secure parking facilities</p> <p>Consider upgrading roof, lighting and visibility of C Block secure parking</p> <p>Scope a secure bike parking facility near Facilities Management</p> <p>Build questions into 2024 Travel Survey to understand secure parking demand</p> <p>Engage with the updating of the UC Design Guidelines and Campus Master Plan to integrate secure parking into new and future builds</p>	<p>Continue to engage with updating of UC Design Guidelines and Campus Master Plan to integrate secure parking (and possibly other end-of-ride facilities) near new or future builds</p>	<p>Integrate secure parking (and possibly other end-of-ride facilities) into new and future builds –</p> <ul style="list-style-type: none"> ○ Pūtaiao Koiora ○ Dovedale ○ Wellness Precinct ○ Karl Popper
Cycle parking: covered	<p>Continue utilisation surveys to understand demand and position covered stands to best effect</p>	<p>Continue utilisation surveys to understand demand and position covered stands to best effect</p> <p>Continue to engage with updating of UC Design Guidelines and Campus Master Plan</p>	<p>More covered parking provided near new or future builds, as appropriate</p>

	<p>Review the condition and types of existing covered cycle parking facilities</p> <p>Continue remediation of Beatrice Tinsley Bike Stands (covered)</p> <p>Build questions into 2024 Travel Survey to understand covered parking demand</p> <p>Engage with the updating of the UC Design Guidelines and Campus Master Plan to consider more covered parking near new or future builds</p>	<p>to consider more covered parking near new or future builds</p>	
<p>Cycle parking:</p> <p>open-air</p>	<p>Review the condition and types of existing open-air cycle parking facilities</p> <p>Continue remediation of Beatrice Tinsley Bike Stands (open-air)</p> <p>Continue utilisation surveys to understand demand and position open stands to best effect</p>	<p>Replace “unacceptable” types of bike stands (e.g. slot stands/wheel-benders) with “preferred” types (e.g. Sheffield Hoop) as resources allow</p> <p>Continue utilisation surveys to understand demand and position open stands to best effect</p>	<p>Replace “unacceptable” types of bike stands (e.g. slot stands/wheel-benders) with “preferred” types (e.g. Sheffield Hoop) as resources allow</p> <p>Continue utilisation surveys to understand demand and position open stands to best effect</p>
<p>Showers/change facilities</p> <p>Lockers</p>	<p>Conduct a campus-wide audit of existing showers and lockers, including condition</p> <p>Scope upgrade of existing shower facilities as required</p>	<p>Provide increased visibility of shower and locker facilities through maps and signage</p> <p>Upgrade shower facilities as required</p>	<p>Integrate showers and other end-of-ride facilities into new and future builds</p> <ul style="list-style-type: none"> ○ Pūtaiao Koiora ○ Dovedale ○ Wellness Precinct

	<p>Map location of showers and lockers with Drawing Office</p> <p>Scope providing shower/change facilities and locker maps in buildings and in secure bike parks</p> <p>Engage with the updating of the UC Design Guidelines and Campus Master Plan to integrate shower and locker facilities into new and future builds</p>		<ul style="list-style-type: none"> ○ Karl Popper
Maintenance and repair stations	<p>Upgrade signage and consider other forms of communications on existing maintenance and repair stations</p> <p>Replace hand pumps with air compressor pumps in appropriate areas</p>	<p>Scope a central campus bike hub to meet maintenance and repair needs (as well as offering other bike services)</p> <p>Formalise way for staff/students to report broken pumps or other issues</p> <p>Continue to replace hand pumps with air compressors as required</p>	<p>Repair and maintenance services operating from a central campus bike hub</p>
Water fountains	<p>Identify what kind of fountains are needed and where</p> <p>Roll out signage for existing refill stations within campus buildings</p>	<p>Trial outdoor water fountains in high use areas</p>	<p>Install more outdoor water fountains as appropriate</p>
Signage	<p>Identify what kind of signage exists for cycle facilities and where</p>	<p>Provide cycle facilities signage in high traffic and popular bike parking areas</p>	<p>Continue to install more signage as appropriate, or as facilities improve</p>

	<p>Map existing cycle facilities (stands, showers, lockers, maintenance etc) with Drawing Office</p> <p>Scope upgrading signage for current cycle facilities in high traffic and popular bike parking areas</p>		
Electric transport charging facilities (excl. EVs)	<p>Build e-transport questions into 2024 Travel Survey to understand our community needs</p> <p>Scope a trial secure e-bike parking and charging facility on campus</p>	Trial a secure e-bike parking and charging facility on campus	Secure e-bike parking and charging facility is available on campus, and included in secure parking in new and future builds
Cycle routes	<p>Continue to promote the Uni-Cycle Cycleway as a safe route connecting UC to the city, through events and communications</p> <p>Construction of the final sections of the Nor'West Arc Cycleway is expected to start in early 2023</p>		
Complement other types of transport infrastructure	Scope installing a practice bus/bike rack on central campus to encourage multi-type trips	If trial successful, practice bus/bike rack installed on campus in high profile area	

2. Encourage cycling, including:

- **Events, activities, communications and other engagement**
- **Dr Bike**
- **Cycle safety**
- **Cycle security**

	Short term (2023 - 2024)	Med term (2025 - 2026)	Long term (2027 - 2030)
Aotearoa Bike Challenge	Aotearoa Bike Challenge staff participation increase to 15%	Aotearoa Bike Challenge staff participation increase to 20%	Aotearoa Bike Challenge staff participation above 25%
Dr Bike	Continue to deliver weekly free Dr Bike service Increase attendance rates at Dr Bike through improved staff/student communications	Continue to deliver a free weekly Dr Bike service Scope a permanent campus bike hub for staff and students	Dr Bike (and other cycling/transport services) delivered from a central bike hub on campus
Free or cheap use of bikes	Promote the UCSA Borrow-a-Bike scheme as a free use of a bike to all staff and students Trial an offer of taking borrow-bikes home overnight to staff/students, to encourage commuting to campus by bike Explore fixing and selling/donating abandoned bikes on campus	Continue to promote the UCSA Borrow-a-Bike scheme Scope a UC e-bike fleet	UC e-bike fleet (or similar) is operating

<p>Cycle safety</p>	<p>Run a series of at least 4 cycle safety workshops annually, free and accessible to staff and students, in collaboration with CCC</p> <p>Host a free 'Share the Road / Truck Blind Zone' workshop on campus for staff and students</p> <p>Explore creating a bike buddies event or programme for students/staff to support new riders</p>	<p>Continue to deliver various cycle safety workshops based on demand</p>	<p>Continue to deliver various cycle safety workshops based on demand</p>
<p>Cycle security</p>	<p>Review current surveillance camera positioning</p> <p>Consider how to increase the visibility of surveillance camera presence near bike stands</p> <p>Ensure CEPTD principles are considered in current, new and future bike parking facilities</p> <p>Continue to work with CCC to encourage registration with 529 Garage programme</p> <p>Use key cycling and orientation events to talk about cycle security</p>	<p>Consider the nature of the current secure cycle parking system (swipe card access)</p> <p>Enhance visibility of surveillance camera presence</p> <p>Ensure CEPTD principles are considered in current, new and future bike parking facilities</p>	<p>Ensure CEPTD principles are considered in currently, new and future bike parking facilities</p>

	<p>Scope providing free or discounted bike locks (D Locks) to students</p> <p>Scope formalising programme for abandoned bikes on campus</p>		
Events and activities	<p>Continue to deliver on key cycling events, communications campaigns and activities for UC community: Aotearoa Bike Challenge, Bike Breakfast, Biketober, social rides</p>	<p>Increase attendance/engagement at cycling events and activities</p>	<p>Increase attendance/engagement at cycling events and activities</p>
Wider community engagement	<p>Connect with cycling programmes and other cycling advocacy networks in Christchurch – eg. Spokes, Biketober, CCC, RAD Bikes to encourage staff/students to engage in their work</p>	<p>Host an event/workshop (or similar) with external cycling network</p>	

3. Review and reposition cycle parks to best effect

	Short term (2023 - 2024)	Med term (2025 - 2026)	Long term (2027 - 2030)
Bike utilisation survey	<p>Undertake annual bike stand count to allow us to understand needs and position bike parking to the greatest effect.</p>	<p>Undertake annual bike stand count to allow us to understand needs and position bike parking to the greatest effect.</p>	<p>Undertake annual bike stand count to allow us to understand needs and position bike parking to the greatest effect.</p>

KEY STAKEHOLDERS

University of Canterbury	External
Facilities Management Director	Christchurch City Council
Asset Operations Manager	Spokes Canterbury
Sustainability Manager	RAD Bikes
Asset Planning and Delivery	
Security	
FM Support Services Manager	
Staff and Student Wellbeing	
Health and Safety	
Rec and Sport	
UCSA President	
Grounds	
Communications	
UC Bike	
UC staff and student cycling champions	