

Connecting Communities Living Lab
Connecting Communities Living Lab Application Form
Application No. CCLL00012 From Monash University

Form Submitted 30 Sep 2025, 12:15PM AEST

PRE-APPLICATION CHECKLIST

*** indicates a required field**

Grant Guidelines

Please read the Connecting Communities Living Lab Grant Guidelines before completing this form.

Have you read the Grant Guidelines? *

- Yes
- No

Eligibility

This section of the application form is designed to help you, and us, understand if you are eligible for this grant. It is important that you complete these questions before any others to ensure you do not waste your time applying for an unsuitable grant.

Please answer the questions below.

If you are unsure or tick 'No' to any question, please contact smartcity@casey.vic.gov.au to discuss further.

Are you a registered business, or a legal entity? *

- Yes
- No

To apply for this grant you must be a legal entity (e.g. an incorporated association, a co-operative, company or trust) or a registered business. Individuals can only apply if they are part of a business or partnership.

Have you been registered for more than 2 years? *

- Yes
- No
- N/A

If you have been registered for less than 2 years, and you are seeking in-kind support only, you may still apply - select N/A in this case. If you select 'No', contact us to discuss, as you may still be eligible.

Select 'yes' to confirm you are NOT any of the following: an organisation affiliated with a political party and/or group; a state or federal government agency, department, or public entity; representing another Council; a catchment management authority; under an auspice arrangement? *

- Yes
- No

Select yes to confirm.

Select 'yes' to confirm your project could take place inside the City of Casey (if successful). *

- Yes
- No

Select yes to confirm.

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Select 'yes' to confirm your project could be completed within 12-14 months. *

- Yes
 No

Select yes to confirm.

Select 'yes' to confirm that your project will be able to commence within 1 month of formal approval from the City of Casey. *

- Yes
 No

Select yes to confirm.

Select 'yes' to confirm you are NOT seeking funding for any of the following: feasibility study; development of a new concept with low feasibility; cost to build; ongoing operational costs; administrative costs; projects already funded by Council; grant programs, prizes, awards, donations; reimbursement for retrospective projects or existing work unrelated to the project? *

- Yes
 No

Select yes to confirm.

ORGANISATION DETAILS

* indicates a required field

Privacy Statement

City of Casey is committed to protecting your privacy. Your personal information will be handled in accordance with the Privacy and Data Protection Act 2014. All personal information collected by the City of Casey will only be used for the purposes outlined within our Privacy Policy. Council's Privacy Policy is available from our website www.casey.vic.gov.au/policies-strategies/privacy-policy and all Council Customer Service Centres. For further Information about how Council manages and uses your personal information or how you can access and/or amend your personal information, please contact Council's Privacy Officers via our website www.casey.vic.gov.au/council/contact/feedback-form or by calling on 03 9705 5200.

Name of Legal Entity leading this application *

Monash University
Organisation name

Business or trading name (if different from legal entity name)

Postal address *

Wellington Rd
Clayton VIC 3168 Australia

Website address

<https://www.monash.edu/>

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Which category best describes your organisation type? *

Other: Public University

Organisation Details

Provide a brief description of your organisation and its activities. *

The XYX Lab - an interdisciplinary and practice-based research Lab based in the Faculty of Art, Design and Architecture at Monash University – brings together planners, policy makers, local government and stakeholders to make tangible the experiences of underrepresented communities in design, urban space and planning. Our aim is to understand how the inequity of public space limits participation in cities and, following this, to make visible and build design knowledge in this important arena of research.

While focused on Australian cities, the XYX Lab aims to develop agendas, approaches and expertise that are transferable internationally. Drawing from the combined strength of the core members and collaborators, the Lab communicates through innovative mediums to speak not only to practitioners and scholars in design, architecture and urbanism, but also to those working in policy and social services.

The impact of the XYX Lab is internationally recognised through over 20 externally-funded research projects, international exhibitions, 60+ peer-reviewed research outputs and more than 25 design awards.

The XYX Lab and CrowdLab (previously CrowdSpot) are longterm collaborators and partners who have developed award winning projects such as the YourGround (2020-present), Gender Equality Map (2018), and Free to Be (2016-2018).

Must be no more than 200 words.

In which year was your organisation established? *

1958

Must be a number.

What is the size of your organisation *

100 +

Employees / contractors / volunteers

ABN

Does your organisation have an Australian Business Number (ABN)? *

- Yes
 No

If yes, what is your ABN?

12 377 614 012

Information from the Australian Business Register

ABN	12 377 614 012
Entity name	MONASH UNIVERSITY
ABN status	Active
Entity type	Other Incorporated Entity
Goods & Services Tax (GST)	Yes

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DGR Endorsed	Yes (Item 1)
ATO Charity Type	Charity More information
ACNC Registration	Registered
Tax Concessions	GST Concession, Income Tax Exemption
Main business location	3168 VIC

Information retrieved at 11:17am today

If no ABN, please complete and upload a Statement by Supplier form

No files have been uploaded

A blank *Statement by Supplier (SBS)* form can be found on the [ATO website](#). You will need to print the form and complete it, then scan it into your computer and attach it above. Tips for completing the form are on the [ATO website](#).

If you are having difficulty attaching or uploading this document, please refer to the [Help Guide for Applicants](#).

Contact Person

Who is the main contact person nominated by your organisation for this application?

Name *

Prof Nicole Kalms

Position

Director XYX Lab, Monash University

Contact phone number *

0408 006 636

Email address *

nicole.kalms@monash.edu

This email address will be used for posting correspondence relating to the grant application.

DUE DILIGENCE

* indicates a required field

Due Diligence

Do you have Public Liability Insurance coverage? *

- Yes
- No

If yes, what is the amount of your Public Liability Insurance coverage?

20,000,000

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Minimum \$20 million.

If you don't have Public Liability Insurance, are you willing to obtain it if successful?

- Yes
- No
- N/A

Do you have Professional Indemnity Insurance? *

- Yes
- No
- N/A

Professional indemnity insurance is required when an organisation provides professional advice.

If yes, what is the amount of your Professional Indemnity Insurance?

40,000,000

Minimum \$5 million.

If you don't have Professional Indemnity Insurance, are you willing to obtain it if successful and if required?

- Yes
- No

Does your organisation have WorkCover Insurance? *

- Yes
- No

You must register for WorkCover insurance if your organisation employs any workers in Victoria.

If no WorkCover Insurance, please explain.

If successful, you will be required to provide a Certificate of Currency for all relevant insurances.

Provide any details regarding actual, potential or perceived Conflicts of Interest. This may include anyone representing your organisation or any partnering organisations involved in this submission.

No

A conflict of interest is where an employee, volunteer or director has private interests that could improperly influence, or be seen to influence, their decisions or actions in the performance of the project or their duties. Conflicts may be actual, potential or perceived, or represent a conflict of duty.

PROJECT SUMMARY

*** indicates a required field**

Alignment with Connecting Communities Living Lab Objectives

Through the Connecting Communities Living Lab, Council aims to support projects that successfully develop, implement, and evaluate innovative solutions that foster social connection and reduce loneliness, generating measurable benefits for individuals, families, and communities and contributing to a more socially cohesive Casey.

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Solutions should address one or both of the following challenges:

- **Community & Place:** How might we design and activate inclusive public spaces and programs that foster connection, improve perceptions of safety, and nurture a sense of belonging?
- **Community Empowerment:** How might we empower community members and service providers to identify and support people experiencing social isolation?

Find out more in the *Challenge Brief* and *Desired Outcomes for Council* documents, available on the [Connecting Community Living Lab Grant website](#), in the Useful Information section.

Which Challenge Statement/s are you proposing to address in your application for the Connecting Communities Living Lab grant? *

1. Community & Place
 2. Community Empowerment

Select all that apply.

Summary of Proposed Solution

Project Title *

YourWalk: A community tool for mapping lighting, accessibility, and climate resilient mobility

Provide a brief summary of the solution you are proposing to trial *

The YourWalk project extends the XYX Lab and CrowdLab's previous collaborations with Casey City Council, including the Women's Safety Audit Tool (2019–2021) and YourGround (2020). Building on these successes, YourWalk will pilot a spatially enabled framework for assessing and improving pedestrian environments by analysing intersecting datasets to reveal where barriers to safe and comfortable mobility exist.

Co-designed with council staff and local residents, the project focuses on three critical themes: lighting and night-time visibility, footpath and crossing accessibility, and urban heat and shade. The framework will integrate and interpret existing council datasets, open geospatial information and outputs from previous XYX-led projects to identify gaps, highlight opportunities and create actionable insights.

The innovation of YourWalk lies in translating these insights into practical, user-friendly tools. First, a public-facing route-planning application will recommend safe, accessible and climate-comfortable walking routes, particularly for vulnerable users such as women, older adults, people with disabilities and carers with prams. Second, a custom analytics dashboard will provide Casey City Council officers with intuitive visualisations of lighting, accessibility and heat data, enabling them to identify infrastructure gaps, model options and prioritise targeted interventions.

Together, these tools give communities and decision-makers a clear and shared understanding of pedestrian environments. For residents, the app builds confidence in walking by making safer and more inclusive routes visible. For council, the dashboard provides evidence to guide investment and planning, ensuring resources are directed where they will have the greatest impact.

Beyond the Casey pilot, YourWalk is designed for modular expansion and open-source compatibility, creating a framework that can be replicated by other councils and scaled across jurisdictions. In this way, the project contributes not only to improved mobility in Casey but also to a broader model of equitable, data-driven urban decision-making.

Must be no more than 300 words.

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Outline the scope of the project. What will be included and/or excluded? *

This project develops and pilots a data-driven framework for improving pedestrian mobility in Casey City Council. It will progress through the following phases and outputs:

1. Initiation and co-design (Q1): Establish governance, confirm partnerships with council and community groups, and compile datasets on lighting, footpaths, crossings, and urban heat. Run co-design workshops to refine objectives, prioritise focus areas, and define requirements for route-planning app and dashboard.
2. Data integration and vulnerability analysis (Q2): Harmonise and analyse datasets to create a vulnerability index scoring locations on lighting, accessibility, and heat stress. Validate assumptions with co-design insights, forming the evidence base for the app and dashboard.
3. Tool and dashboard development (Q3): Build the YourWalk app to generate safe, accessible, climate-sensitive routes, and develop a council dashboard for exploring data, identifying infrastructure gaps, and modelling interventions.
4. Pilot testing and evaluation (Q4): Pilot tools with community and council stakeholders, gather feedback, refine features, and assess effectiveness using route uptake, user satisfaction, and policy alignment.
5. Reporting and dissemination (Q4–Q5): Finalise maps, dashboard, datasets, and documentation. Publish via Monash open access for replication. Share results with partners. Complete reporting.

Inclusions: Development, pilot, evaluation, engagement, analysis, dissemination.

Exclusions: Commercialisation, long-term management, prescriptive infrastructure advice.
Must be no more than 200 words.

COMMUNITY DESIRABILITY

*** indicates a required field**

Assessment Criteria 1: Community Desirability 30%

What we are looking for:

- Applicants can operate within the City of Casey
- Strong alignment to [City of Casey Council Plan 2025-29](#)
- Demonstration that the solution will meet community needs
- Clear explanation of how the solution will solve a problem, including outcomes and benefits
- Evidence that the solution will produce the expected result
- Project success metrics identified

Can your proposed solution operate within City of Casey? *

- Yes
 No
 Other:

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Describe how your project aligns with the City of Casey Council Plan and strategies *

By integrating existing spatial datasets into an accessible route-planning app and analytics dashboard, YourWalk directly supports Casey's vision for a stronger, more liveable, sustainable and economically vibrant community. The project operationalises the Council Plan's commitments to inclusion, innovation and climate resilience and offers tools that empower both residents and decision-makers. Its open-source, modular design ensures long-term scalability and shared benefits across Casey and beyond.

Stronger Communities (Council Plan 2025–29; Health & Wellbeing Strategy; Disability Inclusion Action Plan)

YourWalk centres community priorities by engaging residents and council staff in co-design workshops and developing a public tool that makes walking safer and more comfortable for women, older adults, people with disabilities and carers with prams. By addressing night-time safety, accessibility and comfort, the project advances equity, inclusion and wellbeing across Casey's neighbourhoods.

Liveable City (Council Plan 2025–29; Infrastructure Strategy2021–25)

The project will deliver a route-planning app that highlights safe, accessible and climate-comfortable walking routes. By helping residents visualise and navigate liveable pedestrian corridors, YourWalk strengthens connections to public transport, green spaces, schools and community hubs.

Sustainable Environment (Council Plan 2025–29; Environment Strategy2021–25)

Through analysis of urban heat and shade data, YourWalk supports climate adaptation and resilience. By promoting active transport and reducing reliance on private vehicles, the platform contributes to Council's sustainability goals and encourages environmental stewardship.

Thriving Local Economy (Council Plan 2025–29; Economic Development Strategy)

By making it easier and safer to walk to local businesses, markets and services, YourWalk encourages pedestrian activity that stimulates neighbourhood economies. The analytics dashboard also provides Council with insights to strategically invest in infrastructure that supports economic participation.

High-Performing Organisation (Council Plan 2025–29; Smart City and Digital Innovation commitments)

YourWalk exemplifies innovation in local government practice by integrating AI-enabled analysis, open-source frameworks and interoperable components. The council-facing analytics dashboard empowers evidence-based planning, supports transparent decision-making and can be scaled across jurisdictions.

Must be no more than 500 words.

Demonstrate alignment to City of Casey Council Plan 2025–29.

Describe how your project will meet community needs *

YourWalk is built on the principle that walking environments should reflect the needs and experiences of the people who use them every day. The project will work closely with residents and council officers to interpret existing datasets on lighting, accessibility and heat in ways that are locally meaningful and actionable. The XYX Lab work with an intersectional framework that ensures diverse experiences across race, gender, age, disability and socioeconomic status are captured and included.

The process begins with co-design workshops that bring together diverse perspectives from women, older adults, people with disabilities, parents with prams and council staff to identify the challenges they face and prioritise the issues the tools must address. These workshops will shape how the data is analysed and visualised, ensuring that the route-planning app

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highlights journeys that feel safe, accessible and comfortable to those most affected by current barriers.

An agile development model will guide the project. Early prototypes of the route-planning app and analytics dashboard will be tested with community members, advocacy groups and council teams. Their feedback on usability, inclusivity and relevance will be incorporated into subsequent iterations. This cycle of testing and refinement ensures the tools are both technically robust and socially responsive, while also giving residents a clear voice in how public data is used.

By combining inclusive co-design with careful interpretation of spatial datasets, YourWalk will deliver practical tools that improve how residents move through their neighbourhoods and how council identifies and addresses infrastructure gaps. The outcome will be a platform that builds confidence for vulnerable groups, supports evidence-based decision-making and fosters trust in local government. Beyond the Casey pilot, the modular design provides a framework that can be scaled and adapted by other councils, extending the benefits of safer, more inclusive and climate-resilient walking environments.

Must be no more than 300 words.

Describe how your project addresses the challenge statement/s, including expected outcomes and benefits *

Challenge 1: Community & Place

How might we design and activate inclusive public spaces and programmes that foster connection, improve perceptions of safety, and nurture a sense of belonging?

YourWalk addresses this challenge by drawing on existing spatial datasets and co-design workshops to highlight where lighting, visibility, accessibility and heat conditions make walking less inviting. By analysing these data layers, the project will guide decisions about how to enhance inclusivity, safety and comfort in Casey's pedestrian environments. The public-facing route-planning app will help residents—particularly women, older adults, people with disabilities and carers with prams—identify routes that feel safe, accessible and climate-resilient. Easier access to parks, community hubs and local businesses will encourage residents to spend more time in public spaces, strengthening perceptions of safety and belonging.

Expected outcomes and benefits:

Improved perceptions of safety and accessibility as residents plan safer journeys.

Actionable insights for council into lighting, footpath and shade improvements.

Enhanced community connection as vulnerable groups gain confidence in mobility.

Challenge 2: Community Empowerment

How might we empower community members and service providers to identify and support people experiencing social isolation?

YourWalk empowers communities by translating lived experience into actionable tools. Workshop participants will help define what "safe" and "accessible" mean locally, ensuring the app reflects their priorities. In parallel, the council-facing dashboard will highlight where poor lighting, inaccessible crossings or heat exposure may deter walking and contribute to social isolation. Making these insights visible equips councils and service providers to design targeted programs and investments that reduce barriers to inclusion.

Expected outcomes and benefits:

Residents have a voice in shaping route criteria, fostering ownership and advocacy.

Service providers gain a spatial tool to identify areas where isolation risks are greatest.

Evidence-based planning supports equitable infrastructure and programs that promote

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walking, connection and resilience.

Must be no more than 300 words.

Include evidence that the solution will produce the expected result.

How will you measure the success of your trial? *

We will evaluate the YourWalk pilot across four dimensions—user adoption, data quality and analytic value, user experience and policy impact—to provide a holistic picture of outcomes for residents and decision-makers.

Community adoption and reach: Monitor the number of unique app users, frequency of route requests and geographic spread of use across Casey, with particular attention to engagement from women, older adults, people with disabilities and carers with prams. High and diverse uptake will indicate that the tool is accessible, relevant and trusted by those it aims to serve.

Quality and utility of data: Examine the completeness and accuracy of the integrated spatial datasets and the effectiveness of the vulnerability index in highlighting areas where poor lighting, limited accessibility and heat stress overlap. We will assess whether these insights support meaningful routing decisions for residents and provide clear evidence for council planning.

User experience: Gather feedback via surveys, interviews and usability testing to understand perceptions of ease of use, inclusivity and relevance. Positive ratings, alongside qualitative insights into what does and doesn't work, will demonstrate that the tools meet community needs and provide direction for iterative improvements during the pilot.

Policy and planning impact: Track how council officers and service providers use the analytics dashboard and vulnerability insights in their decision-making. Indicators include the number of planning or investment decisions informed by the tool, references to YourWalk data in council documentation and evidence of follow-up actions to address identified infrastructure gaps. Uptake by decision-makers signals that the project contributes to evidence-based planning and fosters more inclusive and climate-responsive public spaces.

By combining these measures, we will demonstrate the pilot's success not just through numbers but through improved mobility, empowered residents and tangible influence on infrastructure planning.

Must be no more than 300 words.

Upload any community documentation to support your proposal

Filename: 25_XYX Lab_CV.pdf

File size: 6.7 MB

Filename: SAMPLE DASHBOARD_crashdash_screenshot.png

File size: 369.5 kB

Filename: UP 10 - Participatory Interventions_ Digital Crowd Mapping Perceptions of Safety in Public Space (2).pdf

File size: 248.6 kB

Filename: YourGround Victoria Report (CCComp).pdf

File size: 16.9 MB

Filename: yourground_screenshot.png

File size: 339.5 kB

This may include community petitions, letters from local organisations or reports showing community need.

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If you are having difficulty attaching or uploading this document, please refer to the [Help Guide for Applicants](#).

PROJECT VIABILITY

* indicates a required field

Grant Funding Selection

Which category of grant funding are you applying for? *

- Up to \$20,000 (1:1 contribution, in-kind only, no cash required)
- \$20,001 to \$50,000 (1:1 contribution, minimum 50% cash)
- In-kind support only

If you are asking for financial contribution as well as in-kind support, choose the nature of your financial request above and describe the nature of your in-kind request in the question below.

Assessment Criteria 2: Project Viability 25%

What we are looking for:

- Detailed and realistic budget within the bounds of grant funding available
- Expenditure items listed are necessary and meet eligibility
- Organisation contribution detailed - if required (see below)

How to complete the budget table:

- For funding requests \$20,001 - \$50,000, you are required to contribute 1:1 matched co-funding (minimum 50% cash)
- For funding requests \$20,000 or less, add details to the in-kind contribution column only, and enter 0 into the cash contribution column (no cash contribution is required)
- For in-kind requests, complete the in-kind requests section

Figures should NOT include GST. Don't include totals in the budget table, as these will be automatically calculated.

EXAMPLE ONLY:

Chosen funding request of \$30,000

Expenditure Item

Living Lab Grant request (ex GST)

Applicant cash contribution (ex GST)

Applicant in-kind contribution (ex GST)

Market research \$1500

Engagement sessions \$1500

Testing of materials \$2000

Prototype materials \$10000

Prototype development labour \$3000

On-site product trial \$10000

Reporting \$1000

Comms and marketing \$1000

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TOTAL

\$30000\$15000\$15000

Please complete the table below:

Expenditure Item	Living Lab Grant request (ex GST)	Applicant cash contribution (min 50% cash, ex GST)	Applicant in-kind contribution (ex GST)
-------------------------	--	---	--

	Must be a dollar amount.	Must be a dollar amount.	Must be a dollar amount.
Nicole Kalms salary costs			\$34,939.00
Anthony Aisenberg (CrowdLab)		\$15,000.00	\$15,000.00
Monash Oncosts (overheads, space costs, indirect costs)			\$19,479.00
Website (post project 5 years)		\$2,500.00	
Research Assistant	\$18,934.00		
CrowdLab tech support	\$30,000.00		
Workshop materials and delivery		\$5,000.00	
Catering		\$2,000.00	

Applicant Contribution Totals

Applicant cash contribution

\$24,500.00

This number/amount is calculated.

Applicant in-kind contribution

\$69,418.00

This number/amount is calculated.

Budget Totals

Total grant funding request

\$48,934.00

This number/amount is calculated.

Total applicant co-contribution

\$93,918.00

This number/amount is calculated.

Total project cost

\$142,852.00

This number/amount is calculated.

In-kind requests

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Provide details for any in-kind requests to Council

Thank you. We would like to use the Casey City Council spaces for Hire at Bunjil Place. There will be three sessions: Consultation with Council, co-design with user groups and feedback session. As well as the in kind contribution from members of the Casey City Council in the engagement above - we also request the attendance at a monthly meeting with an advisory group.

E.g. Access to Council-owned facility or site.

Part Funding

If the panel decided to recommend part of the funding you requested, could the project / activities still take place? *

Yes No

If the panel decided to recommend part of the funding you requested, what is the minimum amount you would require for your project/activities to still take place?

\$48,934.00

Must be a dollar amount.

If you received part of the funding you requested, what changes would you need to make? (If any)

N/A

PROJECT FEASIBILITY

*** indicates a required field**

Assessment Criteria 3: Project Feasibility 30%

What we are looking for:

- Feasible and comprehensive project plan
- Risks identified and mitigation plan provided
- Ability to manage data, technology, and privacy in a secure way (if applicable)
- Evidence of experience in delivering the proposed project

List the key milestones, deliverables and approximate timeframes in the table below.

Key Milestone	Deliverable	Approx. Timeframe

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Project Setup and Engagement Plan	Monash University will provide spatial design and research expertise. CrowdLab will oversee the technical build and data integration using its existing geospatial toolset. The project set-up and engagement plan includes: Stakeholder onboarding, site selection and ethics clearance Pilot planning, community engagement plan, co-design workshop schedule	Inception
Initiation and co-design	Establish governance, confirm partnerships with council and community groups, and compile datasets on lighting, footpaths, crossings, and urban heat. Run co-design workshops to refine objectives, prioritise focus areas, and define requirements for route-planning app and dashboard.	Q1
Data integration and vulnerability analysis	Harmonise and analyse datasets to create a vulnerability index scoring locations on lighting, accessibility, and heat stress. Validate assumptions with co-design insights, forming the evidence base for the app and dashboard.	Q2
Peer-reviewed report	"YourWalk: AI enabled insights for lighting, visibility and nighttime safety"	Q2
Tool and dashboard development	Build the YourWalk app to generate safe, accessible, climate-sensitive routes, and develop a council dashboard for exploring data, identifying infrastructure gaps, and modelling interventions.	Q3
Mid-Project review	Evaluation and stakeholder feedback	Q3

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Pilot testing and evaluation	Ranked priority zones, interactive visualisations, and downloadable datasets to support council-led planning and investment decisions. The methodology will be open and scalable for broader application across other jurisdictions.	Q4
Reporting and dissemination	Finalise maps, dashboard, datasets, and documentation. Publish via Monash open access for replication. Share results with partners. Complete reporting.	Q4/5

Project Plan

Upload any additional project plan documentation to support your proposal
No files have been uploaded

If you are having difficulty attaching or uploading this document, please refer to the [Help Guide for Applicants](#).

Risks

Risk Description	Likelihood	Consequence	Risk Management Plan
Sparse participation and engagement	D - Unlikely *	3 - Moderate *	Targeted outreach, incentives, and piloting in high-footfall areas
Data quality or device variability	D - Unlikely	3 - Moderate	Calibration and triangulation using multiple methods (e.g. luminance + user feedback)
Technical delivery delays	C - Possible	4 - Major	Phased development using agile sprints with defined deliverables
Council data unavailable or incomplete	C - Possible	3 - Moderate	Use public datasets and supplement with field collection where needed

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Privacy or safety concerns in user reporting	D - Unlikely	3 - Moderate	All submissions anonymous; ethical framework based on prior platforms like YourGround
Lack of council capacity to implement outputs	C - Possible	4 - Major	Co-design with councils, provide training and support
Partner resource constraints or misalignment	D - Unlikely	3 - Moderate	Maintain regular communication and monthly advisory group updates

Management of data, technology and privacy

Do you have a data, technology and privacy risk management plan, if required? *

- Yes
 No
 N/A

Capability and capacity to deliver

Describe the project team and their ability to deliver the project *

The YourWalk project team brings together over 40 years of combined experience across urban planning, inclusive design, transport research, and digital mapping. Core team members have collaborated on more than a dozen projects focused on inclusive mobility, spatial justice, and participatory technology. Their longstanding partnerships span successful initiatives such as Free to Be, Gender Equality Map, YourGround, BikeSpot, and other research-to-impact programs delivered with local governments, universities, and advocacy organisations. This deep interdisciplinary experience and proven working relationship positions the team to deliver both innovation and implementation readiness.

Professor Nicole Kalms (Monash University XYX Lab) will serve as Project Director and research lead, she will undertake stakeholder coordinator and ensure alignment. Kalms will lead co-design activities, knowledge translation and reporting. Kalms will facilitate all engagement activities. Across Kalms' career, she has published two monographs, over 10 book chapters, undertaken major international exhibitions and delivered over 15 government reports. She has participated in over 40 radio interviews and her research has appeared in over 100 print media outlets on topics related to inclusive cities. Expertise: inclusive mobility, participatory co-design, urban placemaking, digital advocacy and research for diverse communities.

Anthony Aisenberg (CrowdLab) will serve as Project Co-Director, lead technical and spatial analysis and integration, including technical delivery, user interface design, data integration, and reporting. Platform IP and support. Expertise: transport planning, participatory mapping, spatial data platforms, digital development, community engagement and innovative community engagement projects.

Interdisciplinary expertise from XYX Lab and CrowdLab's larger team will support the project.

Must be no more than 250 words.

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INNOVATION POTENTIAL AND LOCAL BUSINESS ENHANCEMENT

* indicates a required field

Assessment Criteria 4: Innovation Potential and Local Business Enhancement 15%

What we are looking for:

- Demonstration of an innovative solution
- Utilisation of data and insights
- Applicant is based in Casey (local providers will be favoured to maximise benefits for the local economy, although any Australian organisation is eligible to apply)

Describe how you will use innovative approaches, including data and insights, to inform the solution *

The collaboration between XYX Lab and CrowdLab brings together complementary expertise in participatory design, gender-sensitive research, spatial equity, digital platforms and advanced geospatial analytics. Innovation in this project arises from both the technology we develop and the way we engage and represent communities.

YourWalk will synthesise existing council and open datasets on lighting, footpaths and urban heat with insights gathered through co-design workshops. XYX Lab's experience working with women, older adults and people with disabilities will guide the interpretation of this information so that it reflects the lived reality of diverse residents. CrowdLab will apply sophisticated spatial analysis and routing algorithms to convert these data into an evidence-based vulnerability index.

The translation of this complex dataset into usable tools is a core innovation. The public route-planning app will draw on the vulnerability index to recommend safer, more accessible and climate-comfortable walking routes. A companion analytics dashboard will give council officers intuitive visualisations and filters to explore lighting, accessibility and heat gaps, supporting evidence-based planning and investment.

An iterative, agile development process ensures that prototypes are refined through feedback from community members and council stakeholders. Open-source, modular design principles will allow other local governments to adapt and expand the system, creating a template for data-driven, participatory urban decision-making.

By combining community knowledge, academic research and technological innovation, XYX Lab and CrowdLab will produce a scalable solution that improves pedestrian mobility and contributes to more equitable public spaces.

Must be no more than 250 words.

Is your organisation based in the City of Casey? *

- Yes
 No

Local providers will be favoured to maximise benefits for the local economy, although any Australian organisation is eligible to apply.

FEEDBACK

Connecting Communities Living Lab

Connecting Communities Living Lab Application Form

Application No. CCLL00012 From Monash University

Form Submitted 30 Sep 2025, 12:15PM AEST

* indicates a required field

How did you hear about this grant? *

- | | |
|---|---|
| <input checked="" type="checkbox"/> City of Casey website | <input type="checkbox"/> City of Casey Ageing Positively newsletter |
| <input type="checkbox"/> City of Casey Facebook page | <input type="checkbox"/> City of Casey employee's social media |
| <input type="checkbox"/> City of Casey Instagram page | <input type="checkbox"/> Local newspaper |
| <input type="checkbox"/> City of Casey LinkedIn page | <input type="checkbox"/> Digital screen |
| <input type="checkbox"/> City of Casey grants subscription email | <input type="checkbox"/> Internet search / Google |
| <input type="checkbox"/> Casey Catch Up newsletter | <input checked="" type="checkbox"/> Word of mouth / referral |
| <input type="checkbox"/> City of Casey Business in Casey website | <input type="checkbox"/> Other: |
| <input type="checkbox"/> City of Casey Business in Casey newsletter | |

What kind of contact did you make with City of Casey for this application? *

- | | |
|--|---|
| <input type="checkbox"/> Email correspondence | <input checked="" type="checkbox"/> Reviewed information on Connecting Communities Living Lab webpage |
| <input type="checkbox"/> Phone call | <input type="checkbox"/> I didn't make any contact with City of Casey |
| <input checked="" type="checkbox"/> Attended the information session | <input type="checkbox"/> Other: |

Have you got any feedback about this application form or the application process?

No

DECLARATION

* indicates a required field

Declaration

I hereby make this application for a City of Casey Living Lab Grant on behalf of my organisation and am authorised to do so. *

- Yes

I confirm that all of the details in this application and attachments are true and correct to the best of my knowledge. *

- Yes

I hereby agree to adhere to the 'Standard Conditions' as outlined in the Grants Policy, including that if this application is successful, the acquittal is due within 60 days of completion of the project *

- Yes

A copy of the Grants Policy can be found [here](#).

Do you give permission for Council Grants Officers to share your contact details with other Council Officers (who may wish to contact you about other opportunities)? *

- Yes
 No

Connecting Communities Living Lab
Connecting Communities Living Lab Application Form
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Name of person completing declaration *

Nicole Kalms

Email of person completing declaration *

nicole.kalms@monash.edu