

SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Breezes Rd Baptist Church trading as Aranui Bike Fix Up</p> <p>Project: Aranui bike fix up</p> <p>Focus area: Transport</p>	<p>Aranui bike fix up is focused on getting people in Aranui and surrounding areas into cycling and cycle maintenance/repair. This will reduce pollution and congestion related to other forms of traffic, increase health and fitness, and build community connectedness. It does this by:</p> <p>a) sourcing free bicycles, fixing them as necessary and donating them to low income people who wouldn't otherwise be able to get access to them,</p> <p>b) teaching bicycle repair/maintenance skills,</p> <p>c) organising bicycle trips and teaching riding skills. The group now wants to employ a youth worker to provide/run more bike ride sessions and training</p>	<p>NA</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: \$3000 improved tools and equipment</p> <p>\$2000 bike parts</p> <p>\$5000 youth worker</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$22,000</p> <p>Requested Amount: \$ 10,000</p> <p>Percentage requested: 45%</p> <p>Budget Summary:</p> <p>Tools and equipment \$3000</p> <p>Bike parts \$2000</p> <p>Wages for Youth Worker \$5000</p>	<p>\$10,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$10,000 from the 2021/22 Sustainability Fund to Breezes Rd Baptist Church towards Aranui bike fix up.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$10,000 based on the following rationale:</p> <ul style="list-style-type: none"> Benefit – immediate benefit is felt at community level with access to transport and a means of accessing life's essential needs. Alongside this the impact on thought processes with rangitahi learning about no emission transport is evident. 	1

<p>Organisation Details:</p> <p>Service Base: 153 Breezes Rd, Aranui, ChCh</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report At the end of the period Aranui Bike Fix up will report back on the numbers of bikes repaired/given away, sessions run and people participating in activities, and describe instances where the programme has brought benefit to individuals, whanau and the wider community. The group are in periodic communication with bike fix up groups in other parts of Christchurch, and are exploring options of running courses in schools and holiday programmes to share the learning more widely. The group are open to speaking to interested groups about our work. Information about their activity is also accessible via Facebook</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>Cycling is a non-carbon emitting form of transport it reduces traffic congestion, and reduces need for excessive expenditure on roads. NZ average vehicle grams per km emissions are 180.7, and average vehicular travel. is approx. 10,0000 p.a. https://www.transport.govt.nz/statistics-and-insights/road-transport/sheet/vehicle-kms-travelled-vkt https://www.stuff.co.nz/motoring/113716572/the-cleanest-and-dirtiest-car-brands-in-new-zealand. Therefore the average vehicle in NZ produces 1.807 tonnes of carbon p.a.. While provision of a bicycle in this scheme will not result in all car journeys being replaced by bike journeys, if it replaces 20% of these journeys then each bike provided would lead to a decline of 361.4kgs of carbon p.a.. For 300 bicycles this is 108.42 tonnes of carbon per annum. Assuming each bike provided lasts 3 years (many of our users are young people who will grow out of their bicycles) this is 325.26 tonnes of carbon that will be saved by this project. As Council would be funding 50% of this project the funding would reduce carbon emissions by 162.63 tonnes.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Aranui Bike Fix Up will repair 200 and give away 300 bikes, by running 45 fix up sessions, and 20 bike skills training rides per annum.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>People, and in particular young people from low income backgrounds predominantly in east Christchurch will have positive experiences of biking and bike repair, and carry the skills gained from our sessions forward into ongoing cycling practice. Positive outcomes will consequently occur in terms of healthy lifestyle and reduction of carbon emissions.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The coordinator is a trained engineer with 30 years experience repairing and building bicycles. The team of trainers/repairers, which includes a professional bike mechanic, all have considerable skills in this area. The group have the support of other community bike fix up groups in Christchurch. They have financial capability in the form of support from an qualified accountant, and practical support from the Breezes Rd Baptist church community. They are also part of the Arocha network of environmental initiatives taking place across NZ https://www.arocha.org.nz/news/aranui-bike-fixup/. They have been successfully running this project at a reduced scale for a year.</p>
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<p>Christchurch Envirohub</p> <p>Project: Te Tuna Tāone/Urban Eel</p> <p>Focus area: Biodiversity</p>	<p>Improve the aquatic and terrestrial habitat in our waterways for the native longfin tuna. Ranked by DoC as 'At risk and Declining', 'endangered' by the International Union for Conservation of Nature and NIWA as being very high (highest) on their vulnerability scale to climate change.</p> <p>Te Tuna Tāone /Urban Eel has a proven record of engaging school students to take action to improve the habitat for this taonga species. Tamariki led activities, facilitated, will result in a better informed school/local community about what they can do to improve the quality of stormwater and enhance the riparian area for the tuna.</p>	<p>2020/21 SCF Metro - \$7,000 2017/18 Innovation and Sustainability Fund - \$20,000</p> <p>Other Sources of Funding Support (permission and location advice) from CCC freshwater ecologists for installation of tuna town houses in stream. Support at a streamside meeting of the tamariki vision and actions to improve tuna habitat from CCC freshwater ecologists and Community and Waterways Coordinator. Support from CCC Parks team for planting day Support from CCC compliance monitoring for stormwater catchment map Support from ECan to use the Stormwater Super hero trailer and to train our facilitator.</p> <p>How Council funds will be used: Coordinator costs, test kits and branding</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$62,485</p> <p>Requested Amount: \$ 35,852</p> <p>Percentage requested: 57%</p> <p>Budget Summary:</p> <p>Wages \$30,000 (20 hours per week/\$50 per hour) Mileage \$1,425 (165km per month) Cultural Consultation \$3000 Display Material \$1000 Branded Clothing \$400</p>	<p>\$ 35,852.</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$35,852 from the 2021/22 Sustainability Fund to Christchurch Envirohub towards raising awareness of freshwater specie conservation and related environmental issues.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$35,852 based on the following rationale:</p> <ul style="list-style-type: none"> Meets the broad objective " We are guardians of our natural environment and taonga", but a narrow alignment restricted to a species conservation, albeit wider benefits possibly around environmental care and stream restoration. But, raising awareness about longfin eel and its habitats is a worthy objective (a DOC responsibility largely), and likely that climate change will present increasing challenges but hard to know what tangible climate change gains will be as much of the issues around eel conservation are independent of climate change and relate to pollution, fishing, degradation of water quality and poor habitat etc. 	1

<p>Organisation Details:</p> <p>Service Base: PO Box 26115, North Avon, CHRISTCHURCH 8148</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report Behaviour changes statements from school communities 80 per school cohort/group. (Schools now mostly teach in cohorts of two year groups numbering 120). Evidence of action taken (please see examples of in-kind work below) Evidence of the sharing of/dissemination of actions (please see examples of in-kind work below) Reflection reviews from tamariki and kaiako Data captured and feed into the Envirohubs Aotearoa Mapping project Any media uptake and promotion will form part of the final report Record and report on the volunteer and attendee hours resulting from the paid facilitator hours. Classroom based education sessions completed (one to four involving whole cohort) Streamside investigation learning session completed (one per cohort-involving whole cohort)</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. Our longfin eel is one of the largest, slowest and longest-lived species in the world. Females live up to 100 years but now usually up to 60 years because of human impacts. This taonga has been around before dinosaurs and survived the ice ages. Climate change will greatly affect its abilities to survive. It is projected there will be a loss of habitat from droughts, extremes in temperatures will skew sex ratios and reduce reproductive success. Furthermore, as it travels some 2,000km out to sea to breed the consequences of a changing marine environment could impact on breeding and the ocean current transport of the larvae back to Aotearoa where they spend the majority of their life in our freshwater environment. With more extremes in climatic events it is more important than ever for our stormwater to be clean to improve the local aquatic habitat for this taonga species. The actions the tamariki encourage their own school and wider community to take to improve the quality of stormwater and to reduce the impact of climate change is critical to help the longfin tuna. Examples of actions are given below in the sections on Benefits and Support of the Project</p> <p>Benefit – The nature and scale of the benefits to be delivered. The tamariki involved in this programme will deliver action and information (in various forms) to their school and local community aimed to improve the habitat for longfin tuna and reduce the impact of climatic changes on the longfin tuna. Their actions and information will be targeted and specific to their community's needs and interests. It has the added benefit of one part of the community advocating to the rest of that community. Depending on the actions the tamariki choose depends on the level of community involvement. It always involves the local school environment and their whanau. And often involves reaching out to their local community to communicate with them about stormwater and now how climate change and their impacts on this taonga species. The scale is at a suburb and or stormwater catchment level, as the programme is delivered through the primary school community. Improve Christchurch by:</p> <ul style="list-style-type: none"> An ecocentric reason to care about and take action for climate change to protect the longfin tuna taonga. Greater understanding of what stormwater is and its impact on the awa and longfin tuna Knowledge of the actions that they can do to improve the awa for tuna and climate change: Reduce solid waste Effectively recycle More stream side plantings on private as well as public land Reduce vehicle use and alternative vehicle use Keep stormwater and our streets clean Better understanding of Te Reo as we introduce reo into our messaging and day to day kōrero about the tuna and awa Improved awa/water health because of improved stormwater and riparian planting. Longfin tuna will be here for future generations and hopefully thriving no longer declining. Providing sustainable and healthy mahinga kai. 	<p>Legacy – How the project will deliver ongoing or lasting benefits. What we do is take tamariki on a cycle of learning and action. They often begin unconsciously unaware of the situation and problem, so we fill that knowledge gap with presentation, korero and their scientific investigations. Additionally we train the kaiako to lead a number of the science sessions to engage them in the process and spread the workload. Next tamariki becomes conscious of the problems as we facilitate them through the process of what is good for the tuna and the awa and what is not. Then naturally the tamariki want to help. From there they generate ideas of actions for themselves and for others to take. Sometimes this means asking for help and asking questions of others or getting on and developing and doing an action themselves. Here they move from problem identifier to problem solver. At all times they are supported so they know that the responsibility is not solely there's instead shared. And at the end we reflect on what has worked well, what we would do differently, what has changed for them and celebrate success. Thus reinforcing the Action Learning Cycle in their education and facilitating them to make a difference to the natural world in their own community. This gives them the knowledge and experience that they can make a difference and know how to go about it. It is unlikely that the project will be self-sustaining once we leave the school, as to be honest we find once we've left, like most education programmes, the school is unlikely to self-sustain the project. Schools regularly tell us they can not often take this project or others through to action implementation without the support, skills and leadership of our facilitator. The schools simply do not have the time, resources, knowledge or experience to see the actions through. Or they want to move onto another area of enquiry. This is backed up by anecdotal conversations with other learning outside the classroom programmes, that when action is left to the school it often does not happen unsupported. However, because of the satisfaction the school has with Te Tuna Tāone they may well re-book. Our project has many enduring benefits through the strong and inspiring educational component to our project that is backed up with action. The behaviour changes generated from the action learning education are shared within the school and its extended whanau. And are often disseminated to the local wider community e.g. letterbox flyers, posters and planting and maintenance. This project exposes our children and young people to native species and the real life problems that affect these species now and in the future. It ignites passion and interest in subjects that will likely take them onto future careers in this space. So we are leaving them with a lasting legacy that will have a positive impact on the environment in their adult life. It could be in their chosen job or when making decisions about day to day activities or who they choose as their community leaders. Their experience through Te Tuna Tāone gives them the knowledge, experience and tools to be better environmental citizens now and importantly as they mature.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project. The Te Tuna Tāone programme, originally created by the Working Waters Trust ecologist and Envirohubs facilitators, has been refined for Primary Years 1-8 by the current coordinator and is ready to begin in Term 1 2022. All presentations and Health and Safety Plans are complete and the majority of equipment will be gifted to Chch Envirohub from Working Waters Trust as the Trust will no longer exist from Dec 2021. The programme is also permitted to use existing Environment Canterbury educational resources as part of the delivery of the project: Waitaha Wai and Investigating Stormwater. We work in collaboration with schools and their staff, with their presence at all sessions. Chch Envirohub will be police vetted and will adhere to each schools' policy for protection of young and vulnerable people. In addition the current facilitator brings 20 years of experience that includes working with tamariki, the community, industry (urban & rural) and local government to facilitate behaviour change to improve the health of waterways. Knowledge includes, and is not limited to, community and tamariki education and engagement, facilitation, working with runanga, stormwater and drainage infrastructure, waste management, freshwater ecology, water quality, river engineering, native plantings, communications, marketing, central and local government roles & responsibilities and experience in both rural and urban environments, namely Christchurch and Banks Peninsula. We work with Healthy Ōpāwaho tamariki as part of the Ōpāwaho-Heathcote River Network, Avon-Heathcote Estuary Ihutai Trust, Conservation Volunteers NZ, Avon-Ōtakaro Network, Christchurch City Council led Community and Waterways Partnership, Environment Canterbury and Envirohubs.</p>
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<p>Christchurch Transitional Architecture Trust</p> <p>Project: Jessica Halliday</p> <p>Focus area: Community</p>	<p>Continuation of Christchurch Conversations: Towards 2030 a free public speaker series and shared content that informs & engages Christchurch residents, communities and businesses to understand the city's GHG emissions and inspires and supports them to participate, collectively and individually, in reducing the city's and their household and/or business emissions. Each themed event has communicators, practical tips and opportunities to connect with existing actions. Each covers emission reduction strategies and actions at the government/public, collective, neighbourhood and individual level, linking positive action across different scales. As a result, more local people will be empowered to contribute to place-based climate action.</p>	<p>2021/22 Events and Festivals – (Pending) 2020/21 DRF LCH - \$7,344 2020/21 Sustainability Fund - \$30,000 2020/21 Events and Festivals - \$36,000 2019/20 Community Activation Fund - \$10,000</p> <p>Other Sources of Funding</p> <p>How Council funds will be used: The Council funds will be used to engage contractors on the development, delivery and marketing of the programme and for marketing costs and direct event costs (eg AV) involved in holding each event in the programme.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$90,558</p> <p>Requested Amount: \$ 40,000</p> <p>Percentage requested: 44 %</p> <p>Budget Summary:</p> <p>Programme Direction, Promotion & Event Management \$26,250</p> <p>Event costs \$ 6,750</p> <p>Event outputs \$ 7,000</p>	<p>\$30,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$30,000 from the 2021/22 Sustainability Fund to Christchurch Transitional Architecture Trust towards Continuation of Christchurch Conversations: Towards 2030.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$30,000 based on the following rationale:</p> <ul style="list-style-type: none"> • Legacy • Deliverable • Measurable • Relevance • Benefit 	<p>1</p>

<p>Organisation Details:</p> <p>Service Base: C/- Saltworks, 4 Ash St, Christchurch 8011</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid: 2</p> <p>Volunteers: 400</p> <p>Measurable – Proposed ways to measure and report All five events reach 85% capacity and where allocated, are fully booked (estimated 200 per event, depending on venue) - note that this year's events have been fully booked * Livestream audience of at least 50 per event *at least 40 organisations participate in the programme by attending the events & sharing their activities, programmes, advice and expertise with the audience; each organisation has an increase in engagement and /or membership and/or sales as a result of participating in the event (this increase is reported to Te Pūtahi and forms part of The programme's impact) *video content and newsletters produced for each event * Digital content for each event reaches at least 1000 people * At least 10 episodes of Plains FM "It's Getting Hot in Here" have content from the programme, each episode reaching at least 600 people *how it delivers the objectives of the UC/University of Auckland National Science Challenge 11 programme Huritanga *media uptake * support from others - the value of partnerships, sponsorship and in-kind contributions *surveys/feedback from audiences, sponsors, funders, participants and partners, including emissions reducing actions taken by those reached by the programme</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. Christchurch residents, communities and businesses all have a vital role to play in working together to achieve the city's ambitious target of 25% reduction in methane and a 50% reduction in CO2 and nitrous oxide by 2030. Te Pūtahi 's continuing Christchurch Conversations: Towards 2030 programme will involve a further five, themed, curated events. The series provides a potent mixture of talks and post-event content that will inspire and support a larger number of local people to contribute to the city's emissions reduction targets. Each event will directly connect audiences with local organisations taking climate action, as those organisations will be part of the event & content. People will be able to better understand and more easily play their role in achieving these targets - whether that involves a personal or business reduction, working with their communities or how they can support Council's work to reduce emissions. Each of the five events will be themed on a different topic that aligns with Council's climate action programmes. Five topics are being covered in the 2021 Christchurch Conversations: Towards 2030 series (transport, building & construction, waste, 15 minute city (land use/planning), energy). Draft topics for Part B in 2022 include: *Understanding and responding to the local impacts of climate change (growing resilience) *Green and resilient infrastructure - streets, waterways, pipes, parks and trees etc *Economic transformations - moving away from tourism and agriculture to an innovative and service-based economy *Regenerative food systems + Banks Peninsula opportunities * Carbon farming - drawing down emissions The goal of each event is to inform people, generate the will for increased commitment to civic, business & personal emissions reduction, connect people with the organisations & businesses active in each area of action in Ōtautahi, and have people leave feeling they have a role to play and inspired to play it. To make it easy for people to turn inspiration into action, there will be a mini expo type arrangement at each event, featuring local third sector, community and government organisations and businesses who are active or involved in supporting and effecting change in that topic or area. The target audience for the events are people who are concerned but not currently active in emissions reduction. Surveys show that around 79% of New Zealanders are concerned about climate change, but only 30% of people are involved in environmental action. Te Pūtahi will develop communication and promotion strategies and tools to attract this audience to the event in person or via a livestream. Each event is filmed & the videos from each event allow the impact to extend beyond the immediacy of the event. The videos from the 2021 series have been much in demand. In addition, a post-event newsletter provides another record for attendees to connect with the core messages, presenters and expo-partners from each event. In developing and designing an effective programme, Te Ptahi will collaborate and seek the input of a wide range of local partners working in climate change research, strategy, action and communication. This will include Council, the Universities, Crown and other research institutes, social enterprise, third sector and community organisations and businesses.</p> <p>Benefit – The nature and scale of the benefits to be delivered. It will: *reach a new local audience for climate education and action *benefit Christchurch residents who are concerned about the climate crisis by helping them transform their concern into action and connect with others. It will do this by generating increased awareness & improved detailed knowledge of Christchurch's city and household GHG emissions *help residents connect and understand the relationship between individual and collective action; between household, business & civic action; between the personal and the systemic *giving people confidence and the means to act by connecting with local organisations directly supporting emissions reduction *benefit the local organisations and local businesses who are currently active and creating change by involving them in the programme, highlighting their activities and getting more people involved in their work or activity *aligning with Council's climate action programmes *people will be energised, motivated and feel more positive about the benefits of acting to reduce their climate emissions *provides a platform for sharing local stories and activities locally and beyond Christchurch *demonstrates that Christchurch is pro-active on climate *generate news content for Council's Newsline and other local media (eg online opinion pieces) *support the implementation of the AUT/UC National Science Challenge 11 research programme Huritanga in Ōtautahi *direct audience: 150-200 people per event indirect audience: up to 1000 people per event</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. *digital content produced from the events will remain available online. * develop episodes of Plains FM's radio programme "Its Getting Hot in Here" which will remain accessible online. *the climate organisations and businesses who partner on the programme will generate more business, increase their profile, have increased membership & participation * by developing (in some cases) and deepening the relationships that are generated or enhanced through personal and organisational participation in the events; for the 2021 series, speaker and expo participants have told us this is one of the most valuable aspects of the series for them *Build relationships with climate leaders and organisations active in climate in Christchurch. *Building momentum, relationships, partnerships and audiences for future events, including an ongoing partnership with AUT/UC's National Science Challenge 11 programme Huritanga in Ōtautahi for late 2022 and into 2023 Deliverable – Experience, skills, support and resources secured to deliver the project. Christchurch Transitional Architecture Trust have run the first part of this series in 2021 under the "Christchurch Conversations: Towards 2030" brand and to date, the events have been successful and well received. They built significant partnerships for this year's series, attracting support from the 'It's Time, Canterbury' campaign, and the National Science Challenge. They also partnered with Waka Kotahi, Lime, the Ministry of Business, Innovation and Employment, the NZ Institute of Architects on individual events. In the series to date (across 3 events) They have presented and worked with 59 speakers and 45 organisations to create events in 2021. Te Pūtahi - www.teputahi.org.nz - has accrued significant experience in developing and delivering collaborative, engaging public programmes and events on city making since 2012. Te Pūtahi offers something unique: experienced and independent leadership in city making that is based on collaboration, community leadership and providing an accessible programme for sharing knowledge, developing momentum and broad engagement. The programme will be developed and led by Dr Jessica Halliday, who has significant experience and leadership in public engagement programmes on city making. Te Pūtahi will contract an experienced team to support the delivery of the programme, supporting local employment, talent retention and capacity building. Independent local businesses will also be engaged on the event infrastructure (AV, recording, venue). Te Pūtahi has a fresh strategic plan and vision - They are committed to developing climate change and climate action programmes for and with Christchurch, centred on how they design, plan, develop and make our city for the future, now. They have renewed the support of the National Science Challenge for the 2022 series. Before the end of the year, They will continue conversations to fully resource this place-based climate action programme through funding applications, partnerships and sponsorship campaigns, as well as securing the availability of the team who will develop and deliver the programme from January to November 2022. Detailed programme development will happen in January and February 2022, with the first event scheduled for the second quarter of 2022. Events will be designed and delivered in an iterative way, with each event reviewed and evaluated to inform and improve on future events. They have learnt from 2021 that the series needs to be developed and delivered in a way that allows for flexibility. Natural disasters and changing COVID Alert Levels have required us to alter the timing or form of events to date - and They have responded in a way that allows us to continue to deliver the programme.</p>
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<p>Diamond Harbour Community Association</p> <p>Project: DHCA- installation of solar panels to community hall</p> <p>Focus area: Energy reduction</p>	<p>This project is seeking funding from Christchurch City Council to install solar panels onto the roof of the Diamond Harbour Community Hall.</p> <p>The objective of this project is to lower and partially offset the ecological footprint / energy consumption of the hall, and raise awareness within the local community.</p> <p>The Applicant is seeking to install a 15kWp Solar system, to compensate for its current energy use. The roof has a suitable pitch, and space to host the system. The building is insulated and despite warmer winters the energy consumption is increasing from year to year: 152% in 4 years to be precise. This could become very soon, unaffordable to keep the building heated at the current pace.</p>	<p>Council Funding History</p> <p>2021/22 DRF BP – (Pending) 2020/21 Sustainability Fund Round 1 - \$3,000 2019/20 Creative Communities Round 1 - \$2,500 2018/19 DRF BP - \$1,500 2018/19 Creative Communities Round 1 - \$2,730</p> <p>Other Sources of Funding None</p> <p>How Council funds will be used:</p> <p>Funds will be used to provide approximately 60% of the total cost of the project to have solar panels supplied and installed onto the roof of the Diamond Harbour Community Hall. DHCA will pay the balance.</p> <p>The Diamond Harbour Community Association is also willing to raise the awareness of its community by having a display board showing the benefits of using onsite solar power production.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$16,000</p> <p>Requested Amount: \$ 10,000</p> <p>Percentage requested: 62%</p> <p>Budget Summary:</p>	<p>\$ 5,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$5,000 from the 2021/22 Sustainability Fund to DHCA towards installation of solar panels to community hall.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$ 5,000 to this application, based on the following rationale:</p> <ul style="list-style-type: none"> The users of the Community hall (the public) will benefit first of this PV installation, (free heating) Reduction of the energy consumption by at least 50%, reduction of GHG emissions by 50 % at least. 10 to 20 years expected ongoing benefits. 	1

<p>Organisation Details:</p> <p>Service Base: 91 Waipapa Ave, RD 2, Diamond Harbour, 8972</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid: 2</p> <p>Volunteers: 27</p> <p>Measurable – Proposed ways to measure and report</p> <p>The project success is measured with the amount of renewable energy that is generated from the solar system and either used directly by all consumers or sent back into the grid. This can be quantified on a day to day basis, with monthly and yearly reports.</p> <p>Anyone using the Hall facility will benefit directly from free electricity, free heat (HP devices are installed in the 3 main rooms). A display board installed in the hall to raise awareness showing information captured and shared with others.</p>	<p>Relevance – How the project plans to advance on the Council’s climate change objectives.</p> <p>By reducing the amount of electricity used to operate a heavily used community building by at least 50%, the Applicant has confirmed that the DHCA will contribute towards helping the Christchurch City Council to meet its Climate Change targets.</p> <p>The applicant has provided and demonstrated that reduction in Carbon Emissions for this project is estimated at 1.82 tons of CO2 per year. (which is a lot, considering 100% of the electricity in the south island is already low carbon)</p> <p>This building has the potentiality of being carbon neutral with regards to the operational energy, with further measures proposed in the Solar system quote.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>The Christchurch Community and the users of the Community hall will be the primarily public to benefit from the installation of the solar system. By association, the Christchurch City Council will also benefit from it.</p> <p>The amount of electricity used to operate the community hall is expected to be reduced by at least 50%, which means the Carbon emissions associated with it will also be reduced by at least 50%, the benefits will be immediate, and measurable.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The Photovoltaic system should generate an average of 17 000kWh / year, for the next 10-20 years well behind the funding period.</p> <p>This project is at its first stage, where the system is grid-tied but the inverter is capable of hybrid operation.</p> <p>The applicant is seeking a second stage (in the near future) to add a battery that would allow the hall to better function as emergency accommodation/shelter in case of a civil defence emergency.</p> <p>The battery would be mainly connected to circuits used for lighting and communication equipment. Another staged project would be the installation of an AC Level 2 charging station for EVs that operates between daylight hours. To date Diamond Harbour does not have public charging stations.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>A quote from a well-known PV panel supplier has been provided with this application, confirming Experience and skills requirements for this fund. (CPS solar)</p> <p>The Committee members have also relevant experience with similarly sized privately owned PV systems.</p>
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Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Digital Future Aotearoa</p> <p>Project: Recycle A Device</p> <p>Focus area: Community</p>	<p>Recycle A Device (RAD) is a part-solution to the digital divide. The initiative gets refurbished laptops to people who need them, by developing the tech engineering skills of ākonga who learn how to refurbish devices which are then given away via community groups and schools. This also reduces the amount of e-waste bound for landfill, and educates people that e-recycling can be a valid option.</p>	<p>NA</p> <p>Other Sources of Funding The Christchurch City Council have donated #50 used laptops to RAD.</p> <p>How Council funds will be used: Currently, 4 Ōtautahi schools are participating in the RAD initiative, which represents 27% of 15 schools, and an estimated 540 devices being distributed into the Christchurch community. A cost per device breakdown shows that it costs RAD \$168 per laptop to get it fully refurbished and into the hands of someone who needs it.</p> <p>This funding will be used on (mostly operational) budget costs and will be mostly able to be ringfenced and tagged for spend within the CCC ratepayer zone.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$337,395</p> <p>Requested Amount: \$ 91,096</p> <p>Percentage requested: 27 %</p> <p>Budget Summary: wages and communications \$166,960</p> <p>Operations \$125,620 Admin and contingencies \$ 44,815 TOTAL \$337,395</p> <p>Funding requested to 4 ChCh schools, which is 27% of the programme costs \$91,096</p>	<p>\$25,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$25,000 from the 2021/22 Sustainability Fund to Digital Future Aotearoa towards Recycle A Device (RAD).</p> <p>Rationale for Staff Recommendation Staff recommend granting \$25,000 based on the following rationale:</p> <ul style="list-style-type: none"> Benefit- the public good for young people and their futures is clear (young people having access to devices is essential for engaging in both learning and social connectivity) 	1

<p>Organisation Details:</p> <p>Service Base: C/- Millworks, Level 2, 14 Wise Street, Addington, Christchurch 8024</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report</p> <p>RAD is able to measure impact by the following key metrics: Number of devices refurbished, weight of e-waste following the refurbishment process, number of students/schools participating in the refurbishment process and developing their digital skills, number of student trainers.</p> <p>RAD partner with community groups and schools who are in a position to both identify and support the recipient - this way they form trusted relationships and are able to monitor the success of the recipient, and capture stories of the impact receiving a RAD device has had on their life. RAD also capture the stories of students who participate in the refurbishment process, as often they are the "wiggly" kids who thrive on solving hands on problems, rather than writing essays about Shakespeare or solving quadratic equations (which are also very important).</p> <p>Over time, RAD will be able to measure the difference bridging the digital divide has on our population.</p>	<p>Relevance – How the project plans to advance on the Council’s climate change objectives.</p> <p>By refurbishing used technology and giving it another life, RAD diverts e-waste from landfill by developing the tech engineering skills of our rangatahi, therefore slowing the impacts of climate change and encouraging the circular economy.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>People on the wrong side of the digital divide will benefit from this project in an immediate and long term way. These people are generally also struggling with equity on the whole, and not just digital equity. By receiving a free, no strings attached laptop to use to participate in school, upper education or just every day life, members of our community will be able to become active members of society.</p> <p>By developing the digital technology skills of our young people, RAD is providing them with attainable and relevant options for their future, as the world heads to be more and more digital. Students who participate in the RAD programme are given skills which are a stretch beyond the regular NZ curriculum, but still very attainable, and directly correspond to the demands in the tech industry today.</p> <p>RAD is a charitable initiative, in full collaboration with the community – they are only interested in developing and enabling both individuals and whānau to possibilities their circumstances might have never allowed them to dream, simply by providing access to a laptop.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The digital divide in Aotearoa is huge – there is a massive hole to fill, and that hole will be there for a long time.</p> <p>RAD’s plan is to be around for as long as required, and are establishing themselves as a multi-year programme, and doing so in a sustainable way.</p> <p>At the very heart of their initiative are rangatahi, they are doing this with them and for them by developing their digital skills and providing them with the tools and resources to follow their curiosity - discover more, solve more problems.</p> <p>By providing rangatahi with digital skills they will have with them their entire lives, thereby changing the way they see e-waste, and providing them with the experience to divert any future e-waste by recycling it with their own hands. Additionally, RAD provides rangatahi with laptops to keep - for free - which opens up possibilities to achieve better learning outcomes, which will lead to better job opportunities in the future.</p> <p>RAD has a natural Tuakana-teina relationship, where any high school aged student is able to learn the tech engineering skills, develop them, and are able to be peer-nurtured into leadership roles within their kura programme - either by being the lead contact for RAD/project manager, or taking up the opportunity to become a RAD trainer, which is a paid job to travel the country to deliver training workshops in other kura.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>RAD was established as a response to the first Covid-19 lockdown in Aotearoa during March 2020, when the learning outcomes of those who had a device and were able to participate in online schooling and those who didn't were obvious.</p> <p>To date, RAD has distributed almost 500 refurbished laptops to people who would otherwise go without, and have 8 schools nationwide refurbishing devices. RAD is doing this successfully, and in a sustainable way.</p> <p>RAD has multi-year goals of:</p> <ul style="list-style-type: none"> Year 1 (current to March 2022) - 2000 laptops gifted into the community, 15 schools refurbishing devices Year 2 - 5000 laptops, 35 schools Year 3 - 10,000 laptops, 80 schools <p>While RAD knows the digital divide reaches into the hundreds of thousands of people affected, and RAD provides just one part (the others being internet access, and further digital skill development), we know that if people don't have a device to use, they are unable to progress.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Flourish Kia Puāwai Social Enterprise Ltd</p> <p>Project: Rubbish Talk</p> <p>Focus area: Waste</p>	<p>Three complimentary community-led initiatives to reduce waste at the grass-roots level; utilising engagement and education.</p>	<p>2021/22 SCR Metro \$9,000 2020/21 Sustainability Fund Round 2 - \$0 2020/21 Off the Ground Fun SC - \$300 2020/21 Sustainability Fund Round 1 - \$15,000</p> <p>Other Sources of Funding Support from Solid Waste and Sustainability Staff. Nil Funding.</p> <p>How Council funds will be used: This funding mainly covers contracting/staff fees to undertake the three pieces of work.</p> <p>All equipment etc is supplied by Flourish Kia Puāwai so only a small misc. amount is included for unforeseen expenses.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$46,600</p> <p>Requested Amount: \$ 29,020</p> <p>Percentage requested: 62%</p> <p>Budget Summary:</p> <p>Admin/Project Management \$8,410 Hard to Recycle \$10,000 Rubbish Talk Video \$15,600 Waste education \$10,240 Advertising/Project misc \$2,500 Total Expenditure: \$46,600</p>	<p>\$ 29,020</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$ \$29,020 from the 2021/22 Sustainability Fund to Flourish Kia Puāwai Social Enterprise Ltd.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$29,020 based on the following rationale:</p> <ul style="list-style-type: none"> • There is demand and a niche need for local waste reduction education from non council sources. Council risk “oversaturation” with our own marketing and communications campaigns. We also have “hard to reach” residents, who may respond better to non council contacts. • Ongoing contamination issues in our kerbside recycling collections are being experienced, as demonstrated by recycling truck contamination and auditing results. As also stated in the application, while the Christchurch waste per person average is below the national level, trends over time show increasing waste, including from non acceptable recycling. • Flourish Kia Puāwai Social Enterprise Ltd already initiated education for residents, have met with us, have good community connections and local community knowledge. They are keen to work in conjunction with council, checking in regarding any updates to waste collection processes. • The Resource Recovery Team are confident in the ability of Flourish to deliver, based on their track record and from the detail provided both in the application, and directly in discussions with the team, regarding how they would work with us to ensure consistent messaging to residents. 	1

<p>Organisation Details: Service Base: c/o 149 Beach Road, North New Brighton, Christchurch, 8083 Legal Status: Charitable Limited Company Staff – Paid: Volunteers:</p> <p>Measurable – Proposed ways to measure and report We evaluate against our applicable models and use Developmental Evaluation including both quantitative and qualitative approaches and allowing for creativity and emergence. The core way we will be able to assess our impact is through feedback loops. Social media is a great way to engage with and get feedback from our intended communities and we utilize the many tools available. We will also monitor calls for action, for example, if we suggest getting behind particular campaigns, community organisations and businesses, we will gain feedback from these specific groups. Each initiative has a project plan that is informed by Results-Based Accountability Model. These include short and long term tangible outcomes, measures etc. E.g. Rubbish Talk Videos; A minimum of 20 short videos answering questions by the public (and checked correct with the CCC/Waste Experts) with a reach of 5000 each during the granted year but are available in perpetuity. Hosted on Youtube - Minimum of 1000 of Subscriptions and 10000 views Promotional clips on Facebook - 5000 of engagement, likes and shares Links distributed via networks - 500 Shares and feedback Social Behaviour Change - 80% through short polls and comments Long term - Contributing to improvement in the CCC’s waste data</p>	<p>Relevance – How the project plans to advance on the Council’s climate change objectives. Overall, this proposal will reduce emissions through waste minimisation towards a more sustainable city. Innovation like this will aid our city towards a circular and sustainable economy. The CCC Solid Waste Team are supportive of our proposal In our last two years of social media management of a website and over 7 pages and 6 groups by far the biggest interaction or response from our local community has been on how to reduce waste. As a voluntary undertaking we haven’t been able to effectively respond to the clear interest, confusion and need through these platforms or with any projects. This proposal is to enable us to respond to these community requests through;</p> <ol style="list-style-type: none"> 1. Hard to Recycle - Investigate solutions with community to recycling (that isn’t taken by yellow bins). Including what education is needed and how to better utilise existing community activities and schemes e.g. Soft Plastics, Colgate, Terracycle, plastic/polystyrene/battery/paint collection points, second-hand shopping and the Bin Good and Mutu apps. 2. Rubbish Talk - In response to community demand - a video series to educate on waste minimisation including, refusing, reducing, reusing and recycling - the steps before getting to the CCC bins. Consulting on the top issues to begin, then allowing interactive two-way communication with public and then video response to local people’s questions. 3. Waste Education on Social Media - Enabling our communities to adopt more sustainable behaviours and practices at a household level, complementing existing approaches. <p>The CCC 2018 Waste Audit shows depressing waste statistics. Unfortunately, the changes to waste through COVID-19 has only increased confusion and contamination further.</p> <ul style="list-style-type: none"> • Red-lid rubbish being collected has been increasing since 2011, it should be decreasing. • Recycling is still not better in the 2017-2018 year from the high in 2009-2010. • Only 43.51% of waste that went to landfill was actually rubbish (2018 Audit) <p>All three components will; Cover the comprehensive areas of Waste avoidance; Reduction of waste to landfill; Recovery of resources. Will help our community adopt more sustainable behaviours and practices. Will reduce consumption, eliminate waste and/or support a circular economy. Will help us to better understand, prepare for, or respond to the environmental, social, cultural or economic impacts of climate change. Will reduce waste going to landfill but also waterways and general littering through education so we are guardians of our natural environment and taonga.</p> <p>Benefit – The nature and scale of the benefits to be delivered. - Christchurch residents benefit in getting their questions answered and can take tangible actions knowing they’re doing the right thing. - General public/ household level will actually save them and the CCC money in the long-term. - CCC, community and businesses will have increased awareness and uptake of their waste reduction activities. - The environment will benefit due to increased composting, reduced pollution, waste, damaging plastic litter, Carbon Dioxide and Methane emissions. - Ensuring a regenerative future for all our residents is a holistic process. Thus with these projects we will deliver awareness, education and action covering areas including CCC targets: Community and Cultural Evolution, Entrepreneurship and Innovation, Resilience, Waterways and Water Supply, and Waste.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. . - Our work aims to raise awareness and support behaviour change for people and communities using a self-sustaining model, so those who engaged with our projects will be able to continue living in sustainable ways for years beyond the proposal. - We see that the impacts will go further than Christchurch City and into Selwyn and Waimakariri Districts too, reinforcing Christchurch as a leader in this space. - As a social enterprise we are developing projects that will generate income so that we will be more financially self-sufficient in the future too.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project. The three projects are ready to proceed and can will be achieved within a 12 month timeframe. Flourish Kia Puāwai has three of the most experienced experts in community development and social change. Michelle Whitaker created innovative response to community recovery needs following our earthquakes in setting up the award-winning Wellbeing Game, River of Flowers and The Good Shop eco-pilot to name a few. Michelle is very experienced in setting up innovative enterprises from scratch that are very successful. Mark Gibson is both a spiritual man and environmentalist. He has a Parish in the east and co-created many environmental initiatives including Avon Ōtakaro Network and Walk for the Planet. Sharon Torstonsen was recently awarded MNZM for her contribution to community. Sharon led COSS then renamed SEWN for twenty years, the core organisation to support the NGO sector for Christchurch. Sharon has extensive knowledge of the community sector. Full biographies can be found here: https://www.flourish.org.nz/about.html We have huge networks between us and together over 80 years delivering successful and award-winning programmes. We already have some innovative projects initiated and are building a great advisory board of well-known experts including Colin Meurk OMNZ. www.flourish.org.nz</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority						
<p>Food Resilience Network</p> <p>Project: School Garden Catalyst Project</p> <p>Focus area: Resilience</p>	<p>The School Garden Catalyst Project aims to support teachers, schools and students to grow thriving edible gardens in schools right across Christchurch. Importantly, this innovative approach demonstrating best practice in New Zealand, complements existing food and learning programmes supporting schools.</p> <p>Data from our teacher's and principal's surveys have shown that teachers are struggling with their garden programmes due to a lack of knowledge, resources, support and funds.</p> <p>We support educators in their garden programmes by providing practical / hands on professional development, creating a support network of teachers and schools, and connecting teachers to community groups and businesses able to provide ongoing help.</p> <p>We act as a catalyst for knowledge and resources to help grow resilience in our communities, grow self-reliance and to create a thriving edible garden city. Teaching our Mōkōpuna and Whānau how to feed themselves is a vital part of climate resilience.</p>	<p>2021/22 SCF LCH - \$8,000 2020/21 Red Zone Transformative Land Use Fund - \$16,250 2020/21 SCF Metro - \$8,000 2019/20 Red Zone Transformative Land Use Fund - \$16,250</p> <p>Other Sources of Funding We kickstarted the work on this project with \$25K from the CCC in 2019</p> <p>How Council funds will be used: Contribution towards the wage costs for 2 staff, to deliver 2 school hui attended by 50+ teachers, contribution to the cost of our website portal that will help teachers access local resources, support the cost of delivering 500 fruit trees, and a small contribution to our network's admin costs</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$58,381</p> <p>Requested Amount: \$30,000</p> <p>Percentage requested: 51 %</p> <p>Budget Summary:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Wages</td> <td style="text-align: right;">\$22,000</td> </tr> <tr> <td colspan="2">(30 weeks, @ 22.5 hours per week @ \$30 per hour)</td> </tr> <tr> <td>Workshop costs</td> <td style="text-align: right;">\$8,000</td> </tr> </table>	Wages	\$22,000	(30 weeks, @ 22.5 hours per week @ \$30 per hour)		Workshop costs	\$8,000	<p>\$30,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$30,000 from the 2021/22 Sustainability Fund to the Food Resilience Network to help deliver the School Garden Catalyst Project.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$30,000 based on the following rationale:</p> <ul style="list-style-type: none"> The proposal is well aligned to the Fund - supporting a sustainable food system is a programme in the Council's Climate Resilience Strategy. This is a well-developed proposal from a reputable community organisation active in mobilising and supporting the local food movement in Canterbury. This is an outstanding project able to support over 50 Christchurch schools (30% of Christchurch Schools) and will deliver 500+ fruit trees for schools and community groups (the trees alone would be worth \$25,000). Results from teacher and principal surveys clearly indicates the need for this type of support in Christchurch. In 2019 the Sustainability Fund supported the establishment of this new catalyst approach for supporting schools. This funding has been requested to start implementing the approach at scale. This project adopts a joined-up, partnerships-based approach so it involves and is complementary to the efforts of other groups. This approach demonstrates best practice and will provide leadership to other communities in New Zealand. 	1
Wages	\$22,000										
(30 weeks, @ 22.5 hours per week @ \$30 per hour)											
Workshop costs	\$8,000										

<p>Organisation Details:</p> <p>Service Base: 46a Vogel Street, Richmond Legal Status: Incorporated Society Staff – Paid: 2 Volunteers: 100</p> <p>Measurable – Proposed ways to measure and report</p> <ul style="list-style-type: none"> Distribute up to 500 fruit trees to 100+ schools and community groups in winter 2022. Host 2 School Gardening Hui with approximately 50+ educators in attendance at each. Between 4 - 8 experts will deliver the teacher workshops. 20+ garden resource / program suppliers listed on the teacher's directory (to start with and to build from there). Work directly with 3 schools to establish gardens. Schools will represent different age levels and decile levels / community needs. Data will be kept of this including teacher and student responses and resource needs and outcomes achieved. Continual improvement changes will be made as necessary. 3x meetings with school / resource suppliers to troubleshoot and mitigate obstacles in working with school and educators. 1x month success story/educator interview/school spotlight featured on the Edible Canterbury website and various network social media outlets 3x media stories on aspects of the project - hui, business partnerships, school success stories Prepare 1 report of the findings and share with the schools and other groups. 	<p>Relevance – How the project plans to advance on the Council's climate change objectives. The Council aims to be carbon neutral by 2045, to grow community resilience and to have a sustainable food system. Our work directly helps reach these goals by: supporting teachers and schools to better deliver garden programmes to students, to improve access to local food sources, to enable families to be more self-reliant, to reduce waste through composting and teaching regenerative practices such as organic growing. We adopt a collaborative approach, working with all the various community groups (such as community gardens) and businesses (such as hardware stores and garden suppliers) to better support schools and our children (the cities greatest asset). Through this project the Food Resilience Network acts as a catalyst, connecting people who need help, with those who can offer it. We also connect schools and teachers so they can better support each other. Through doing so, we are helping to build a more resilient and caring community. We have also established a relationship with a local grower to deliver 500 fruit trees to schools and community groups each year.</p> <p>Benefit – The nature and scale of the benefits to be delivered. Schools and teachers will benefit from:</p> <ol style="list-style-type: none"> 1. Professional development, practical hands on learning and upskilling, enabling thriving and robust garden programmes. 2. Ongoing support and advice from local experts in the field. 3. Networking with like-minded teaching professionals and building relationships with local business and community organisations able to help schools. 4. Access to garden resources, fruit trees and wider community support. <p>Students will benefit from:</p> <ol style="list-style-type: none"> 1. The creation of outdoor classrooms where learning about healthy and delicious plant-based food, the natural cycles of life and waste minimisation through composting, can occur. 2. Having a greater understanding of how to grow, harvest, prepare, cook and eat healthy low carbon food and how to take practical climate action. <p>Community will benefit from:</p> <ol style="list-style-type: none"> 1. Having potentially 200+ locations growing food throughout Christchurch. 2. Learning from their children - increasing the uptake of home gardening throughout Christchurch. 3. Strengthening connections between community groups and schools (e.g. community gardens, resource suppliers and volunteers). 4. Greater food security through increased local food production. 5. Having future generations who are self-sufficient in producing food and minimising waste. <p>Businesses will benefit from:</p> <ol style="list-style-type: none"> 1. Enabling local businesses to more easily help schools throughout Christchurch and promotion of this support on a local schools resource directory. 2. Building stronger connections with schools and growing their business through increased exposure and information sharing with the community. 	<p>Legacy – How the project will deliver ongoing or lasting benefits. Community gardening in all its forms increases social, cultural, environmental and economic wellbeing within communities. This project will establish lasting and robust partnerships between schools, teachers, businesses, community groups and households – all aimed at helping our children and their families to be more food secure, healthy and sustainable. Helping to deliver on the vision of Christchurch being an edible garden city. We act as a catalyst supporting learning and creating business and community relationships that will continue to support schools and children beyond the funding period from the Council.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project. We have the skills, experience and community and business support to deliver the many benefits proposed by this project. This project is ready and able to proceed with the help of the Sustainability Fund.</p> <p>This funding will enable our two staff (Roz, a permaculture expert and Chessa, a former primary school teacher) to continue and scale up their work in Christchurch. They have established many of the relationships necessary to deliver this project and have many schools seeking the support they offer.</p> <p>Our deliverables include:</p> <ul style="list-style-type: none"> Creating an online directory of garden service providers that teachers can easily access to source resources, supplies and connect with expert support from across the Christchurch gardening network. Host networking events to develop interconnections between the Food Resilience Network and key community groups, educators and experts in the field. Organise gardening professional development events and workshops for teachers from across Christchurch. Provide opportunities for school groups to attend permaculture lessons, workshops and working bees at Ōtākaro Orchard. Facilitate the distribution of fruit trees to schools and community groups annually. Meet with school garden program suppliers to troubleshoot the challenges they face in working with educators/schools. Facilitate connections between schools and businesses – to establish working relationships between them. Work directly with pilot schools (varying deciles/levels) to gather data about how best to organise and deliver school gardening programmes and support teachers, students and program suppliers. Use our data and experience to create a report to present our findings to the Ministry of Education to encourage system wide changes.
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>New Brighton Community Gardens</p> <p>Project: Propagating Young Gardeners Sustainability Hub</p> <p>Focus area: Resilience</p>	<p>The Propagating Young Gardeners Sustainability Hub addresses climate change in a holistic way from all angles, in an engaging and resource efficient way. While the project is aimed at Tamariki, it includes and benefits extended whanau, educators special needs schools and the community to learn new skills and transfer them into their own homes and garden. The program is based at the New Brighton Community Gardens (est 2005) .Tamariki from currently 18 schools experience entire growing and resource life cycles at once without schools having to invest in setting up and maintaining extensive gardens.</p>	<p>2021/22 DRF CB - \$1,101 2021/22 SCF CB - \$20,000 2020/21 DRF CB - \$9,176 2020/21 Sustainability Fund - \$10,000 2020/21 SCF CB - \$20,000</p> <p>Other Sources of Funding</p> <p>TBC- a work in progress</p> <p>How Council funds will be used: The council funding will be used for: -for staff wages to run the programs throughout the year and in the holidays -extra wage for 5h per week to engage with preschooler and visiting schools as well as outreach programs -for extra administration and project planning -for subscriptions to the electric garden program -To buy materials to run our programs -To maintain a functioning garden -To buy and install the kit-set and outdoor class room</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$137,554</p> <p>Requested Amount: \$ 70,000</p> <p>Percentage requested: 50 %</p> <p>Budget Summary: Programme Educators wages \$16,200 Administrators \$ 6,390 Project Coordinator Hub \$ 9,100 PYG materials \$ 1,920 Electric garden \$ 1,598 Outdoor covered glass room \$ 8,500 Kitset Sustainability Hub \$45,976 Site Foundation Preparation 9,800</p>	<p>\$30,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$30,000 from the 2021/22 Sustainability Fund to New Brighton Community Gardens towards the Propagating Young Gardeners Sustainability Hub.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$30,000 based on the following rationale:</p> <ul style="list-style-type: none"> Relevance – This project aligns with the Council's climate change objectives and offers relatable and practical ways of reducing individual footprints and developing new and sustainable habits now and into the future 	<h1 style="font-size: 2em;">1</h1>

<p>Organisation Details: Service Base: Rawhiti Domain, 136 Shaw Avenue, New Brighton, Christchurch Legal Status: Charitable Trust Staff – Paid: 2 Volunteers: 200</p> <p>Measurable – Proposed ways to measure and report For the garden success is not only the amount of people they engage with but the fact that they engage, inspire and educate people from all backgrounds and with diverse skillsets. NBCC believe "We are all in this together and only together will we succeed".</p> <p>COMPOSTING over 1500Kg per month of food scraps, baking leftovers, horse manure</p> <p>REPURPOSING seedlings, pots, glass jars and providing a library of resources</p> <p>DISTRUBUTING seedling's cell and planter pots library (approx. 25 000) , supporting HNz tenants to grow their own food</p> <p>SECONDHAND CLOTHING, - collect and distribute second hand clothing to those in need or sell as a fundraiser , items beyond their wear are made into bags (the most sustainable bag option)</p> <p>REUSABLES -Reusable washcloth and Face Pads, a volunteer makes face cloth and pads to replace 'one use' items</p> <p>FOOD WASTE AND SURPLUS PRODUCTS - make products out of unsellable fruits such as tomatoes (recently transformed 4 banana boxes full of Tomatoes into relish rather than them going to waste), encourage and teach the use of homegrown surplus to make products, make and teach how to make calendula and kawakawa products, products can be refilled (last year created over 300 products this way),use lush pots for programs (over 300 pots have been re-used this way), teach how to (including at the local library) harvest and store seeds SHARING- Sharing knowledge outside of the garden, present regularly (on average 1 presentation per month) to groups on all things which matter in this field, support and help set up other gardens, to be successful.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. Community led Resilience, at its best, comes naturally, a way of life, taught from an early age when we are most impressionable and with a village approach.</p> <p>OUR ENGAGING AND HOLISTIC APPROACH MEANS WE ADDRESS CLIMATE CHANGE BY:</p> <p>1.Reducing waste by teaching how to compost properly and prepare the soil organically ,and in what low cost way, that can be done at home with everyday items. NBCC teach about lifecycles of products and how to reuse items beyond their original use e.g. T-shirts become bags, produce zip lock bags are reused, jars are filled with jam again and again- They encourage the use of seed cell libraries rather than keep buying potted plants. Grow food from seeds (INCLUDES harvesting seeds) means little to no food miles and no plastic wrapping when you harvest your produce or buy seeds. Cooking meals from scratch, this includes learning how to identify and prepare and enjoy vegetables, reducing meat consumption.</p> <p>2.Empowering participants to create their own beauty products such as hand scrubs using recycled jars from LUSH reduces the need to produce plastic and recycles the recycled, they talk about options such as shampoo bars & concentrated refillable cleaning products and companies such as Ethique who took a green approach and made it profitable. They challenge common feel good beliefs such as paper bags versus plastic bags, by looking at the problem in a holistic way (e.g. 2.5 million plastic bags fit into a container, how many paper bags would fit into the same sized container e.g. 80 000, so not only do we need to count the resources we need to produce the bag but also the transport.</p> <p>3.Technology,using the electric garden program connects and inspires our children with a clean and green future in agriculture they can influence and change our path on a digital level. The program has run for many years, and they see the change or lack of ability in our tamariki to perform even the simple task of cutting an apple in half and holding the knife the right way up (sharp edge to the ground) it has become so frightening that we have dedicated one entire session of our program to Knife skills. Additionally, parents who used to help in their families' gardens and grow food when they were little, have forgotten how to grow food. NBCC are engaging the children and providing the skills needed including take home seedlings to start their own garden. After the program is finished children bring their parents to show them what they have grown, and it is then when we are able to help them set up and be successful in growing food again and show them sustainable ways of living. The biggest hurdle to overcome is confidence and cost. NBCC cater for both.</p> <p>Benefit – The nature and scale of the benefits to be delivered. NBCC want to support the community about ways to live without the use of toxic sprays which kill our bees. Understand that everyone needs to and can RECYCLE AND REUSE GREY WATER, know how to compost efficiently to reduce the pressure on our waste management system (Cardboard can be composted). How to create a simple hot water solar system made of recycled materials. Homegrown crops don't come in single use plastic bags. NBCC compost and worm farms reduce the amount of green waste heading to landfill sites. Canterbury currently have 38 community gardens, to truly be successful as a city, we need to understand that we need to work together supporting the existing treasures, not just our community gardens represent. Collaboration is key.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. While the YPG program is aimed at children it is undeniably that a visit to the gardens often is the highlight of students and teachers. The skills learned are used and talked about beyond the garden gate. Parents will visit the gardens and engage to start up a little garden at home, figure out a compost system suitable to their need or help within the gardens. NBCC know teachers and principals who have started their own gardens at school with the support from them. NBCC caters for a wide range of backgrounds and for some the knowledge of raising low cost food is invaluable, others might engage through their business by starting to compost through us or buying our products for end of the year presents. While it starts with bringing the children into the gardens and being engaged the aim (which is voiced clearly during our programs) is that this generation is inspired to do better than us, weather they start a business, making a profit needs to go beyond the dollar sign, any new product developed needs to consider packaging and environmental impact or they speak with their wallets by refusing to support businesses who do not care or just simply being aware the fast fashion is one of the biggest environmental issues and to act accordingly. Making these visits as engaging and memorable as possible will pay of in the end. Building the Hub will be crucial going forward to be able to cater for the demand NBCC is experiencing. The hub, will not only benefit the garden but will become a resource the community will be able to use, with the potential to to rent to other businesses if necessary.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project. The Propagating Young Gardeners program is an established programme which started with 25 children and now has grown and is currently limited to 85 children per session. The garden manager is trained in organic farming and has implanted these techniques over the last 11 years in our garden and inspired many. We are at the forefront and have provided and built an educational programme that is addressing Councils Climate Change Priorities within a community setting. While many schools have gardens now, they often lack size and are expensive to maintain in a time where general garden landscapes budgets within schools have reduced. NBCC have 0.6ha of wheelchair accessible, continuous producing land, where students and adults alike can be and are involved throughout the entire year. The program is so successful that we had over 1200 students come through our gates.. Additionally, one of our staff has a certified project management background and as such can provide the project coordination to build the hub. NBCC are leaders in their field and recognise that we need to think locally, nationally and globally. They are involved in many associations including the CCGA but are also founders and Authors of the first national Aotearoa Community Gardens Survey.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Ōtākaro Living Laboratory (through Development of Digital Database Regeneration Company)</p> <p>Project: Ōtākaro Living Laboratory</p> <p>Focus area: Resilience</p>	<p>During the Canterbury Earthquake Sequence, the Ōtākaro Avon River Corridor (OARC) subsided by up to 1.5 meters: the equivalent of 100 years of sea level rise. This means the city has the opportunity to learn how the land and community is responding to change, to develop means of mitigation and adaptation, and to pass this knowledge onto other communities worldwide who will face these challenges in the future.</p> <p>The vision of the Ōtākaro Living Laboratory Trust is to establish a world-leading living laboratory in the Ōtākaro Avon River Corridor</p> <p>A local initiative with global implications</p>	<p>2020/21 Sustainability Fund Round 2 - \$0</p> <p>Other Sources of Funding nil</p> <p>How Council funds will be used: Funding is sought for wither \$25,000 or \$50,000 through two projects: Project A Development of Digital Database - Accessible information on the effects of climate change. Amount sought - Sustainability Fund \$25,000 Funding received to date. ECan for digital solution development \$5,000. In-kind contributions from OLL partners \$10,000. Activities include Software development, User design. Accessible portal for community and academics to access and share data and information. Project B Enabling local and global connections - Basis for a major longitudinal study that will rival the Dunedin Study. Engagement and outreach programme. Community, practitioner and academic forums. Amount sought - Sustainability Fund \$25,000. Funding received to date - In kind contributions from OLL partners \$10,000. Activities included: Marketing, invitations and logistics; Project co-ordination costs; Narrative and website development; Video and presentation; Outcomes delivered; Community forums and events Building connections between global and domestic experts and local communities Local communities passing their knowledge to others. Sharing knowledge of climate change and the impacts around the world. Showcasing Christchurch and OARC to international networks and agencies. Involving schools and communities. Inspiring STEM and connecting students with climate change solutions</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$365,000 Requested Amount: \$ 50,000</p> <p>Percentage requested: 13.6 % Budget Summary:</p> <p>Income - Nil Expenditure Digital database \$25,000 Engagement and outreach \$25,000 Knowledge framework \$50,000 Mātauranga Māori \$40,000 Existing knowledge compilation \$15,000 Community-based forums \$10,000 Ecosystem coordinator \$140,000 Engagement and outreach \$25,000 Website branding \$25,000 Trust legal structure \$10,000 International connections \$20,000 Total Expenditure: \$365,000</p>	<p>\$25,000 That the Sustainability and Community Resilience Committee makes a grant of \$25,000 from the 2021/22 Sustainability Fund to the Ōtākaro Living Laboratory towards Project B Enabling local and global connections Rationale for Staff Recommendation Staff recommend granting \$25,000 based on the following rationale:</p> <ul style="list-style-type: none"> • Heads of School Lincoln and Canterbury Universities consulted. Both see enormous potential and are committed to taking full part in this initiative • Outcomes and focus – give students real-world experience in problem-solving for climate change, monitoring of water, sea level rise, erosion, soil quality etc. Huge opportunities for longitudinal research as well as real-time intel on weather/ climate etc and qualitative work and research on community response to CC • Whilst the application itself was fairly 'abstract' in nature – speaking to the key academic stakeholders provided a very clear picture of what can be achieved in the medium to longer term. Alongside academic research the project supports citizen science, work with schools, young people and platform to capture lived experience and learning • In the assessor's opinion Project A is not well-articulated and the need is not well-established 	1

<p>Organisation Details:</p> <p>Service Base: 92 Palatine Terrace, Saint Martins, Christchurch 8022</p> <p>Legal Status: Other</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report Our Key Performance Indicators are Parameter Year One goal (2022) Year Five goal (2027) Community-based forum events 2 pa 5 pa Compilation of existing data and information completion maintenance Establishment of long-term monitoring in place ongoing Schools engaged in the OLL 8 30 Undergraduate and Masters projects in the OARC 10 100 cumulative Postgraduate projects in OARC 5 25 cumulative International collaborations 1 10 cumulative</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. The following goals from the climate strategy are particularly relevant:</p> <ul style="list-style-type: none"> ○ We understand and are preparing for the ongoing impacts of climate change • Collection and understanding the information from the OARC will inform on how land and people will respond to climate change in the future • This information will enable our communities to understand and make good decisions as the future unfolds. ○ We have a just transition to an innovative low-emission economy • Involvement in decision-making by our community is essential to creating a just transition • Information, collaboration and involvement in the science and knowledge is necessary to empower communities ○ We are guardians of our natural environment and taonga • We cannot be guardians of our place unless we understand it • Citizen science, empowerment and involvement will be critical to that future • We pass on knowledge on to help others look after their lands and people • The OLL's data generation and analysis will be relevant to all parts of the strategy, but particularly these action programmes: ○ Building the foundation - partnerships and resourcing • This includes connecting the global and local together to build capacity and capability and make best use of all expertise. • A long term monitoring programme that is the climate change equivalent to the Dunedin health and wellbeing study ○ Understanding the local effects of climate change • Data, analysis, research, citizen science • The OARC is a living laboratory of what is coming to the rest of the country and world ○ Proactive climate planning with communities • Empowerment and understanding are critical to early and deep engagement with the community • Lessons learned from the laboratory will be able to be demonstrated to other communities: this is what happens as sea level rises. <p>Benefit – The nature and scale of the benefits to be delivered. The OLL has a specific set of purposes to secure and deliver benefits:</p> <ol style="list-style-type: none"> 1. Monitoring long-term environmental change of climate and sea levels, and associated measures of groundwater, water quality, and invertebrate and vertebrate population responses 2. Understanding long-term social change, monitoring how a community responds to managed retreat and changing environmental conditions driven by sea level rise, and recording what managed retreat means in practice. 3. Analysing long-term cultural change in a landscape layered in memories with opportunity to reclaim practices of mahinga kai and experiment within adaptation, biodiversity development and placemaking 4. Coordinate existing research, data and experiences: and make this accessible via one well-designed portal, including documentation of the processes of managed retreat, and regeneration planning 5. Making space for innovations, ideas and new technologies, exploring different approaches to living with water and providing low cost opportunities to trial new technologies and practices in climate change adaptation 6. Ensuring good governance of the long-term record in the storage of data, its security and availability long term, with the Trust responsible for appropriate governance processes. 	<p>Legacy – How the project will deliver ongoing or lasting benefits. The funding requested is based on a theme of building local and global information networks and connections to prepare for, understand and meet climate change. This opportunity is available because the OARC is the largest area of managed retreat in an urban setting anywhere in the world, and a petri dish in which to learn about processes of managed retreat, adaptation to climate change and sea level rise. The Ōtākaro Living Laboratory (OLL) has been established to ensure that the city capitalises on such opportunity. The OLL is based on three pou:</p> <ul style="list-style-type: none"> • A body of knowledge assembling and making accessible knowledge and data about the evolving environmental, social, cultural and economic change in the river corridor ○ building and stewarding a major long-term longitudinal study of these changes, a Christchurch study to rival the health-based Dunedin study ○ a collaboration between educational institutions, community, manawhenua and public agencies. • An ecosystem of people ○ a network of researchers, educators, manawhenua, businesses, professionals and community groups, extending from local to global ○ coordinating relationships with entities that have an interest in the OARC, such as ChristchurchNZ, the Community Waterways Partnership and Climate Action Campus • A common kaupapa ○ a mission shared between participants to enable us to better face local and global challenges together ○ an ongoing willingness to experiment, discover, teach and learn together about new ways of living with a restless environment <p>The OLL's three pou are designed to ensure that long-term partnerships between community, educational institutions and agencies embed knowledge, enthusiasm and deliver value in collaborative efforts to combat climate change into the culture of the city. Its purpose is to focus on coordination of the interests of public agencies, educational institutions, mana whenua and community in the OARC. This is a quite different character to other initiatives such as the Styx Living Laboratory. The OLL is an outcome of one of the seven objectives of the Ōtākaro Avon River Regeneration Plan, which is the responsibility of Christchurch City Council following Ministerial approval. This gives the OLL a foundation in the planning and engagement processes that took place in the OARC after the earthquakes. The purpose of establishing a Trust, with members with specific sets of expertise and drawn from the senior ranks of key city agencies, is to ensure good governance and longevity of the OLL's purposes. Deliverable – Experience, skills, support and resources secured to deliver the project. The OLL has been developed by an Establishment Group composed of senior members from ChristchurchNZ, Environment Canterbury, manawhenua and both universities. Discussions are in hand with senior staff at Christchurch City Council. It has coordinated with other agencies and groups that have an interest in research and education in and around the river corridor. The following have agreed to serve as trust members: Rob Kerr, development management and engineering; Roslyn Kerr, Dean of Environment, Lincoln University; Nicole Manawatu, Ngāi Tūāhuriri; Eric Pawson, Emeritus, University of Canterbury; Fiona Shanhun, Chief Scientist, Environment Canterbury; Jamie Shulmeister, Head, School of Earth and Environment, University of Canterbury</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>RAD Bikes Charitable Trust</p> <p>Project: RAD Bikes Expansion 2021-23</p> <p>Focus area: Transport</p>	<p>RAD Bikes runs community bike workshops in central Ōtautahi/Christchurch, with the core purpose of improving access to cycling, minimising waste and developing community well-being.</p> <p>Since 2013, helped over 15,500 people, reused over 32,100 bikes & parts, provided over 2,150 education hours, and facilitated over 22,400 volunteer hours.</p> <p>In 2020, RAD successfully expanded, establishing a second indoor workshop and new paid roles to significantly increase services, impacts and income streams. Now, RAD wish to sustain this expansion and build momentum to work towards the vision of establishing a real home to serve our city for the future.</p>	<p>2022/23 SCF Metro - \$11,000 2021/22 SCF Metro - \$11,000 2020/21 Sustainability Fund Round 1 - \$16,000 2020/21 SCF Metro - \$6,000 2019/20 SCF Metro - \$4,000</p> <p>Other Sources of Funding</p> <p>How Council funds will be used: This Council Funding will be go towards the wages of two Workshop Manager roles that are vital to sustaining RAD's Expansion for 2021-23.</p> <p>The \$26,000 per year will be used to continue employing our fantastic professional mechanics to run RAD's workshops at The Commons and Space Academy. These roles enable us to continue building our capacity, expanding services and increasing our sustainable outputs and impacts.</p> <p>Please note that RAD Bikes is requesting multi year funding in this application. \$26,000 each year, for two years - Dec 2021/22 and Dec 2022/23.</p> <p>RAD truly appreciates the willingness to consider this option of multi-year support. They see this as seed funding as they build their own income streams to achieve the grand vision within the next 5 years. RAD are grateful for the support to achieve our joint goals of creating low emission transport systems and circular economies for Ōtautahi / Christchurch.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$83,626</p> <p>Requested Amount: \$ 26,000</p> <p>Percentage requested: 31%</p> <p>Budget Summary:</p> <p>Workshop manager \$26,000</p> <p>20hr/s per week at market rate (\$25/hr) for 12 months</p>	<p>\$26,000.</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$26,000 from the 2021/22 and a further \$26,000 from the 2022/23 Sustainability Fund to RAD Bikes Charitable Trust towards wages for two Workshop manager roles.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$26,000 of the application based on the following rationale:</p> <ul style="list-style-type: none"> Meets all the criteria of the sustainability fund Aligns with Councils strategies in both climate change and transport Wide benefits to the community through volunteer services, enabling bike ownership (independence), cycling and building resilience to keep people cycling Strong plan for growth and future self-sustainability. 	1

<p>Organisation Details:</p> <p>Service Base: c/o Jess Smale, 107 Neville St, Spreydon, Christchurch 8024</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid: 2</p> <p>Volunteers: 45</p> <p>Measurable – Proposed ways to measure and report RAD currently collects both quantitative and qualitative data from all services to measure outcomes and impacts. These include: - no. of people helped - no. of bikes & parts exchanged - no. of volunteer hours enabled - no. of education hours provided - no. of certificates issued for mechanics courses - no. of bikes given to other charities / cycle initiatives - feedback & impact stories from individual services, volunteers & collaborators RAD will continue to do this work for all services enabled by this expansion, and enjoy sharing learnings with others as both support and encouragement for other community bike workshops & initiatives, locally and nationally. See attached: RAD's Outputs & Outcomes 2020-2021 RAD Bikes Charitable Trust also files annual returns with Charities Services to meet legal requirements as a registered charity. These include performance reports and financial statements.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. With 55% of Christchurch's greenhouse gas emissions coming from transport, encouraging cycling as an sustainable alternative is critical to achieving the Council's Climate Change Objectives and Targets. RAD is keen to assist the Council in meeting the challenge of climate change, supporting people to cycle & recycle more, alongside many other fantastic cycle initiatives aimed to keep people on bikes. According to ViaStrada (local transport consultants): Currently 6-7% of commuters in CHCH cycle to work, but ~50% of CHCH's population have cycled at some point in the past year, and would probably bike more given the right environment / support. This shows fantastic potential for transitioning to a low emission economy and RAD would love to be one of the innovative ways for Christchurch to achieve this. Currently, RAD helps over 3000 people to cycle more annually, but RAD anticipates the need for our services to grow exponentially in the coming years...both from the impacts of COVID-19 and an increasing desire to address the ongoing impacts of climate change. For the last few years, RAD has been operating at the capacity of it's general coordinator and 10m2 shed, restricting our impacts. The established operations & strong reputation has meant they receive more bikes, parts & requests for support than they can currently serve. RAD also have a strong and growing volunteer base able to support expanding services, if they have sufficient capacity to coordinate and utilise them. In response, RAD established new paid roles to successfully expand services and opened a second indoor workshop at Space Academy to significantly increase environmental and social impacts. With support for Workshop Manager roles, RAD will be able to meet the ever present needs & potential within our community, maximising the ability to assist Christchurch in reducing emissions and strengthening our resilience to climate change....while becoming a vibrant and thriving 'City of Cycles' in the process.</p> <p>Benefit – The nature and scale of the benefits to be delivered. Based on data from RAD's current operations, this funding would enable significant increases on our impacts and deliver the following benefits in 2021-2023: Each year... - over 6000 people will receive help to cycle more, enabled by over 6000 volunteer hours - over 10,000 bikes & parts will be reused, as part of RAD's waste minimisation scheme - over 700 hours of education will be received, empowering people to repair bikes & join the RAD community - over 20 people will complete RAD mechanics courses to serve both RAD and our local cycle industry - over 200 kids & people in need will receive bikes through RAD's own projects and other cycle initiatives RAD supports - over 30 kids & women will be empowered to repair and ride through RAD Afterschools Programme & Womens Workshops - over 100 people will become more aware of their energy consumption through the joy of RAD's Cycle Powered Cinema RAD assists people from all parts of our society and often receives great feedback on the lasting impacts they created in their lives. "RAD is great because it unlocked the path to a job I actively enjoy. Now as a professional mechanic, I teach and train others to a standard RAD would be proud of. The greatest thing about RAD though is the community, I feel I belong, and I want to put my heart and soul into it knowing it helps people and makes others feel as I do." (Adam Kesterton - RAD volunteer). RAD's volunteer group also reflects the diverse community they serve, including people struggling with mental health and addiction issues, people far from home, people from migrant communities, parents who want to inspire, professionals who want to connect and students who want to help others. People gain skills and confidence, as well as acquiring a great sense of purpose and belonging, being able to help and be a part of an inclusive and diverse community / whanau. RAD believes these social benefits are also part of creating a sustainable future for all. RAD will continue to provide these workshop spaces and build a community where all are welcomed to be active participants in working towards reducing waste and creating a low fossil fuel society for Christchurch.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. RAD's current expansion plan is part of a long term vision to build RAD into a full-time operation with a real home that is a permanent part of our city's green future. Therefore, the benefits of RAD will continue to grow annually as they build our thriving community into a truly resilient organisation, running a wide range of educational, environmental, social and charitable initiatives for the benefit of our city. RAD's plan has a strong focus on developing their own income streams to ensure that expansion is sustainable and they move towards financial self sufficiency. Within the last year, new initiatives have been created (including specialty part sales, bike sales to social service clients, a regular giving scheme, maintenance courses, cinema hire and a membership scheme), which have already tripled income streams. There is a passion to growing strategically to increase RAD's sustainable impacts and financial resilience. Cycling, recycling and community learning / connectedness will be vital to our community not only surviving, but thriving, as we meet the challenges of climate change in the years to come & Ōtautahi has a real opportunity to become a leader as NZ's most 'Cycle Friendly City'. RAD would love to be a part of it for generations to come! See attached: RAD's Overview & Vision Deliverable – Experience, skills, support and resources secured to deliver the project. RAD Bikes is a well established organisation and worked hard last year to bring together everything needed to deliver this expansion plan. Space - Sharing space at Space Academy is going well for both parties, and the lease agreement has an ongoing renewal clause Funds – RAD has successfully developed income streams to cover new rental & general operating costs Equipment – RAD acquired all items required to run an expansion, including a new storage container, fitout & tools for the second workshop People – RAD has three passionate professional bike mechanics established in new paid roles, Dave Johnson & Simon Kong (with Ken Ching as reliever) Volunteers – RAD also has a strong volunteer base which they are intentionally nurturing to grow skills & capacity to support expanding services Support – There is proven support for RAD's expansion from initial trials & now experiencing a strong uptake in new services RAD is proud of what they have already achieved with their expansion, as well as confident and excited about it's potential and future. But the extent to which expanded services can be sustained will depend on the extent of funding that can be secured to continue the new Workshop Manager roles, as these positions are vital to building the capacity of RAD as an organisation.</p>
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SUSTAINABILITY FUND DECISION MATRIX

<p>Organisation Name Redcliffs Residents' Association</p> <p>Project: Te Awa Kura Barnett Park - Re-greening Barnett Park/Ki Uta ki Tai</p> <p>Focus area: Community</p>	<p>Overview – Project purpose, issue or opportunity.</p> <p>The total Ki uta ki tai project is predator control, weeding and planting in Barnett Park. These specific funds are being sought to support regeneration efforts alongside the predator control, in particular, weed removal and planting. The aim is to create a corridor of regenerating native bush: Ki uta ki tai - from the Summit Road peaks to the sea. Erosion is an issue for waterways coming into the estuary and grasslands pose a fire risk. The tide can be turned on habitat loss and better protect houses from fire.</p>	<p>Council Funding History</p> <p>2021/22 SCF LCH - \$500 2020/21 Lightbulb Moments Fund LCH - \$215 2019/20 SCF LCH - \$1,500 2018/19 SCF LCH - \$900 2017/18 SCF LCH - \$500</p> <p>Other Sources of Funding CCC has provided expertise and work time of rangers, purchase of the initial 800 seedlings, supervision of this planting, advice and support on health and safety and training. \$200 from Light Bulb Moments to support trap purchase</p> <p>How Council funds will be used: Growsafe certification, herbicide gel purchase, purchase tree protectors and seedlings, obtain Ngai Tahu cultural advice, education print material for volunteers, production of temporary notices explaining the work to be done.</p> <p>Will the project proceed without Council funding: No</p>	<p>Budget</p> <p>Total Cost: \$14,950</p> <p>Requested Amount: \$ 8,950</p> <p>Percentage requested: 59%</p> <p>Budget Summary:</p> <p>Income Lightbulb moments \$250 Sumner-Ferrymead Foundation \$3,000 Orion – in-kind \$2,750 Total Income \$6,000</p> <p>Expenditure Predator Control \$3,250 Growsafe training \$600 Herbicide \$300 Tree protections \$2,200 Seedlings \$7,800 Ngai Tahu advice \$500 Education material \$100 Signs \$200</p>	<p>Staff Recommendation</p> <p>\$8,950</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$8,950 from the 2021/22 Sustainability Fund to Redcliffs Residents Association towards native forest restoration in Barnett Park.</p> <p>Rationale for Staff Recommendation Staff recommend of \$8950 is based on the following rationale:</p> <ul style="list-style-type: none"> Aligns well given ability of native forest to deliver multiple benefits relating to carbon sequestration, indigenous biodiversity, public amenity/wellbeing and participation 	<p>Priority</p> <p style="font-size: 2em;">1</p>
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<p>Organisation Details:</p> <p>Service Base: 35B Beachville Road, Redcliffs, Christchurch 8081 Legal Status: Incorporated Society Staff – Paid: 0 Volunteers: 10</p> <p>Measurable – Proposed ways to measure and report We have a very good facebook page which has described the work so far and on this website we also want to include the actual carbon emissions reduced by the plantings we have achieved, improvements in water quality and the reduction of fire risk to local homes.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>The predator control, weeding and planting have a direct and positive impact. The new planting removes carbon dioxide from the air, stores in trees and soil and releases oxygen into the atmosphere. It offers better protection from fires (fire resistant planting), attracts birds, purifies the air, prevents soil erosion, cleans the water and adds beauty to our community. The planting can only succeed if there is also predator control and weeding.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>The total area of Barnett Park is 7 hectares but the playground, car park and sports fields are not included in this project (except for the surrounding areas).</p> <p>so the total area is approximately 5.25 hectares. The proposal is not to weed and plant this total area from this funding approach but rather to weed the total area, adopt rigorous predator free controls and plant in significant blocks over the next 24 months. The following table estimates the greenhouse gas emission reduction. There is a significant community engagement already with over 120 locals participating in the tree planting exercise recently. There is a regular strong (with numbers increasing) group of locals who have divided the area into blocks and are leading regular weeding exercises.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The predator control will be ongoing and significant in the reduction of possums, stoats, rats and mice in the area. The weeding is essential to ensure that the planting is successful. And the planting is being led by Christchurch City Council rangers with expertise in the area who are confident that the local engagement will produce excellent outcomes to Christchurch.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>We have already commenced this project and have been thoughtful and conservative in starting small and growing to what is now a very strong group of local people. We have relied on the expertise of local ecologists and the Council Rangers to guide us with this work. The planting recently with over 120 participants (including many local families with children) was a huge success and the regular weeding is attracting more and more people. The next step up is to train local people in the use of chainsaws and herbicide, purchase more herbicide, build exclusion areas for seedlings, purchase seedlings, obtain Ngai Tahu cultural advice, provide written educational material to volunteers and erect temporary notices explaining the work being done.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Richmond Community Garden Trust</p> <p>Project: Riverlution Sustainability Hub</p> <p>Focus area: Waste</p>	<p>We wish to apply for support for sustainability coordinators wages and add specialist features to the work the group are already doing at the Riverlution Sustainability Hub to help extend our program to more people and groups, solve some of the challenges that we have discovered on their sustainability journey and add equipment that will enable them to continue this work in a financial sustainable way.</p> <p>These features that the group wish to include are a larger bokashi system, more composting bins, a propagation tunnel house, grey water system, rain garden, plastic shredder and plastic moulding machine.</p>	<p>Council Funding History</p> <p>2021/22 Red Zone Transformative Land Use Fund – (Pending) 2021/22 SCF PI - \$2,000 2021/22 SCF LCH - \$10,000 2020/21 Red Zone Transformative Land Use Fund - \$2,500 2021/22 Red Zone Transformative Land Use Fund - \$19,600 2020/21 SCF PI - \$2,000 2020/21 SCF LCH - \$9,000</p> <p>Other Sources of Funding The CCC has provided our organisation a land lease on the land that sits underneath the hub</p> <p>How Council funds will be used: Wages and equipment costs</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$49,339</p> <p>Requested Amount: \$ 30,000</p> <p>Percentage requested: 60%</p> <p>Budget Summary:</p> <p>Income MSD \$10,000 Rata (pending) \$8,000 RCG \$2,000 Total Income \$20,000</p> <p>Expenditure Power for shredder \$850 Wages \$24,940 Bokashi system \$1,000 Plastic shredder \$5,049 Moulding machine \$10,000 Propagation tunnel \$3,000 Website design \$1,500 Admin/running costs \$3,000 Total Expenditure: \$49,339</p>	<p>\$20,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$20,000 from the 2021/22 Sustainability Fund to Richmond Community Garden Trust towards Coordinator wages and new equipment for the Riverlution Sustainability Hub</p> <p>Rationale for Staff Recommendation Staff recommend granting \$20,000 to the application based on the following rationale:</p> <ul style="list-style-type: none"> Consultation with Te tira Kahikuhiku confirmed consistent and wide-reaching benefit in the local area All activities closely fit the intent of the fund and this group has proven 'form' in delivering outcomes for the area. The ambitious plastics recycling project is a locally delivered initiative that will save the city money in recycling costs and carbon miles and is backed up by a solid, robust organisational structure that has consistently reported solid and relevant outcomes. 	1

<p>Organisation Details:</p> <p>Service Base: 46a Vogel Street Richmond Legal Status: Charitable Trust Staff – Paid: 2 Volunteers: 30 Annual Volunteer Hours:</p> <p>Measurable – Proposed ways to measure and report Divert as much waste and food scraps from going out of this suburb as possible creating a circular economy, by setting up easily accessible systems and education programmes; Continue to measure what the group divert and how this translates to a reduction in emissions, Measure the reduction in waste the results from our education programmes, Measure the amount of people and organisations involved in the programme and workshops, number of plants that we produce for planting, number of paid job opportunities and 3 valuable products through the use of the Precious Plastics recycling model. Continue to document the success stories from the people involved in the program and challenges we have overcome on our social media platforms as well as continue to publish our data on our website</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>This project sits firmly in 8 out of the 10 proposed Programs out lined in the CCC climate change strategy. The group are leading the way in localised waste reduction, this year alone using pedal power we have diverted over 7200KG of food waste from local businesses and the local school lunch program along side this they collect coffee grounds, sawdust, brewery byproducts and cardboard from a number of organisations to save them from using carbon miles to drop it off to the recycling centre. The Trust have set up a recycling drop off collection point and currently accept 5 different streams; wine-bottle caps and can tabs, and pouches, razors, blades and packaging, toothpaste tubes and caps, floss container, toothbrushes, mouthwash bottles and plastic bottle tops. The Trust have been testing and measuring different methods of composting, collecting waste to find the most efficient methods to speed up the process and educate the public on how to achieve this at home. The Trust have planted 3 acres of edible food forests in the Richmond Community Garden, Little Pocket areas in the Red Zone, in our streets, at social housing sites and other public spaces, this year we set up 10m by 3m temporary bays to assist the Food Resilience Network distribute 420 Fruit Trees in 97 locations across Greater Christchurch some of which we have committed to ongoing guardianship. The Riverlution Eco Hub is the only sustainability hub that the group are aware of that exists in a home environment, they have designed the landscaping for people to connect in practical ways to learn how to apply these features in their own homes.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Many people, the environment and the quality of the Ōtākaro Avon River will benefit from this project. The group aim to compost and prune all the Fruit trees in the Richmond Red Zone to ensure the trees exist for the benefit of the community for as long as possible, produce enough compost for the community garden and for the local community to enjoy and grow vegetables in. The Trust wish to divert and repurpose as much waste from landfill as we can possibly handle. Once all of the sustainability features are installed at the hub they want to invite as many people as possible to see how easy it is to reduce their carbon foot print and prepare their own homes for potential climate change issues that will require us to conserve water, set up growing systems for all climates and reduce our emissions by conserving energy, composting at home. The Trust wish to foster a greater community self reliance so the community are not dependent on a lot of external inputs by providing regular workshops and self guided resources both on site and on the website for people to easily engage with.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The Trust's goal is to be 100% self-reliant with the social enterprise aspects of our organisation, they already have a very successful Olive Oil Cooperative that they run each year with now over 35 members from around Christchurch and doubling in size each year, they have a community cafe in the works, a shop with products made from the garden produce and we believe the plastic shredding and moulding system will enable them to set up another beneficial income stream to help them achieve this goal. Guardianship of the public fruit trees will ensure they have a longer productive life span and most importantly educating others to implement sustainability features in their own homes will leave the greatest legacy of all.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The group have already started collecting waste from local businesses and school lunch program successfully and they are ready to go to incorporate the added features we are requesting in this application and expect that we will have the all up and running within a 12 month time frame. The group have a proven track record in delivering successful projects and maximising funders contributions with inkind donations and volunteer hours. Some of their greatest success stories are the Richmond community garden space, Olive Oil Coop, Mud kitchen, Fungi Farm, key events and the numbers of volunteer hours they attract each month. The team holds a wide range of expertise including; strategic planning, budgeting, communications, horticultural skills, sustainability and waste management, volunteer management and practical building skills. Precious plastics is a global enterprise with open source designs, well established and utilised online forums and contact with experience entrepreneurs of small scale recycling facilities for information and assistance in establishing a successful system. The milestones will be set in priority order; set up the bokashi system and compost bins, set up propagation tunnel, set up the plastic shredder and call for plastics to be diverted, encourage our local community to drop off food and carbon waste for processing, set up the sustainability features in the hub and set up the moulding machine to create products and paid job opportunities.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Seed the Change He Kākano Hāpai</p> <p>Project: 20:20 Compost</p> <p>Focus area: Waste</p>	<p>This project turns a local waste into a local resource to benefit the community. This project will convert 500 tonnes of organic waste into rich organic soil (using an innovative and proven system of community composting) that will help feed people and grow community resilience.</p> <p>20:20 Compost is a 4-person cooperative startup based out of Christchurch. We are initiating our third phase of trials using SPICE composting and vermicomposting on small sites throughout Christchurch. Community composting is a complementary system for the beneficial use of waste and is supported by a Council resolution. Making compost where food is grown on multiple locations produces a wide range of benefits. Rich organic compost is the foundation of healthy soils and high quality food. Food security is the basis of a healthy community.</p>	<p>2020/21 Community Activation Fund - \$4,650 2020/21 Sustainability Fund Round 1 - \$0 2020/21 DRF HHR - \$5,000 2019/20 Off the Ground Fund HHR - \$385.25</p> <p>Other Sources of Funding Council resolution in support of this project</p> <p>https://ccc.govt.nz/assets/Documents/Environment/Air-quality/Resolution-PX-item-19-9-September-2021.pdf</p> <p>How Council funds will be used: Funds will be used to:</p> <ul style="list-style-type: none"> • contract staff who will support activity on the ground (role descriptions to be drafted on success of funding - see high level role description attached), • hire/purchase critical equipment (e.g. mini-loader and attachments) to enable work-rate & through-put to be tested at a commercial intensity, • purchase laboratory analysis of compost and soil samples to verify field observations and biological impact of process • better water connection <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$121,525</p> <p>Requested Amount: \$ 55,525</p> <p>Percentage requested: 45.6%</p> <p>Budget Summary:</p> <p>Wages \$80,000 2 x FTE for 6 months</p> <p>Equipment hire/purchase (mini-loader) \$15,525 ***NB: This is based off the best online quotes generated by HireKing, Hirepool and Kennards</p> <p>Water connection 5000</p> <p>Tools \$1,000 10 x rakes/forks, plus additional hose equipment</p> <p>Insurance \$1,000</p> <p>Volunteer contributions (e.g. during wānanga, dropoff days) \$15,000</p> <p>Lab analysis of soil/compost samples \$4,000</p>	<p>\$40,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$40,000 from the 2021/22 Sustainability Fund to Seed the Change He Kākano Hāpai towards the 20:20 Compost Project.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$40,000 based on the following rationale:</p> <ul style="list-style-type: none"> • Organic waste is a key source of greenhouse gas emissions from landfills. • Local processing and local use of organics minimizes transport emissions and supports local food production. • This project will complement the Council provided organics service by filling gaps. • This project will be a medium scale pilot that can lead into a new service being offered to businesses and central city residents. • This could result in a Council service provider arrangement that would deliver ongoing benefits to the city. 	1

<p>Organisation Details: Service Base: 32 Smith Street, Woolston Legal Status: Charitable Limited Company Staff – Paid: Volunteers:</p> <p>Measurable – Proposed ways to measure and report</p> <ul style="list-style-type: none"> • Amount of organic waste diverted and used beneficially for example by: • Weighbridge records of organic waste collected and composted. • Greenwaste drop-off data (by volume converted to weight). • Results from laboratory analysis of compost and soil samples • Economic data and modeling of community composting systems and its benefits • Photos of site activity over time • Number of people involved <p>Sharing learning by:</p> <ul style="list-style-type: none"> • Supporting outdoor education kaupapa for Te Pā o Rākahautū and Noku Te Ao communities. • Supporting wānanga led by Ko Mahi Kāmu Ora (Te Pūtahitanga o Te Wai Pounamu funded whānau māra kai and wairākau initiative supported by Te Pā o Rākahautū). • Measures for the above are in place for monitoring the project with our current partners. This can readily adapt to meet CCC reporting requirements. Additional administrative support from Seed the Change umbrella entity. • Results will be delivered by March 2022. • Depending on UC summer scholarships, the report will include analysis of the economic feasibility of localised organics and composting systems with independently verifiable data from a range of case studies locally and nationally. 	<p>Relevance – How the project plans to advance on the Council’s climate change objectives. Composting locally reduces greenhouse gas emissions from landfills, reduces transport emissions and enables the growing of local food. This project will strengthen food security by creating rich organic compost at multiple sites where food is grown around the city. This project will also pilot the collection and processing of organic waste from sources not currently serviced by the Council’s organics service (e.g. schools and the central city).</p> <p>The Council’s compost operation is currently under pressure to meet its consent requirements. Large scale compost plants are expensive to build and operate and have limitations on the types of material processed. A single large scale solution, with only one operator, results in a more fragile system and is reliant on transport. 20:20 Compost is providing communities with knowledge and pathways for creating high value and highly active compost at many sites throughout the city where food is grown. This will improve food resilience and grow community resilience.</p> <p>Benefit – The nature and scale of the benefits to be delivered. <i>Who will benefit:</i></p> <ul style="list-style-type: none"> • Noku Te Ao and Te Pā o Rākahautū communities - 300+ whānau, including students and staff. • Local residents in the Dallington area - pamphlet drop to 400 households in advance of community greenwaste dropoff days. • Ratepayers - testing complementary system with potential to reduce CCC capital and operational costs for organics processing. <p><i>How much?</i> Up to 500 tonnes organics per year through weekly to monthly community drop offs (depending on demand).</p> <p>How will things improve for Christchurch?</p> <ul style="list-style-type: none"> • Greater options for organic material diversion and beneficial reuse. • Multiple positive outcomes for communities and Community connectedness • Increased partnership throughout multiple levels of communities i.e. areas, ethnicities, age • Food resilience • Connecting with nature • Good health and well being • Sustainable cities - food grown and consumed locally • Enables communities to participate in positive climate actions • Pilot programme that can be transferred to other centres <p><i>Supporting public good</i> We will provide knowledge and systems so that community composting schemes can operate at a cost neutral basis. System support includes composting techniques, assistance with Health and Safety Management and Site Specific Safety Plans.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. <i>How can the project be self-sustaining?</i> 20:20 Compost are exploring the possibility of entering into a service arrangement with the Council to help fill organics collection and processing gaps in the city. This will enable an ongoing level of service.</p> <p>By creating a Social Enterprise with gate receipts for disposal by commercial organics collectors and through partnerships with the local community and business.</p> <p><i>What will be the lasting legacy of the project?</i> It will be a demonstration for NZ of an innovative and equitable community-delivered circular economy solution to organic waste and food growing.</p> <p>Once soil is enriched with a high quality biologically active compost, it can retain benefits for upto 7 years (experience from regenerative farming composting research in the US).</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>Project has been active since June 2020.</p> <p>This project can be implemented within 12 months. This is our 3rd phase of trials that have been developed with our community partners from the beginning. We are also adapting our project to align these trials with the reporting timeframes for Council staff who are assessing options for relocation of the Organics Processing Plant.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Styx Living Laboratory Trust</p> <p>Project: Pūharakekenui Sustainability Project</p> <p>Focus area: Other</p>	<p>The Pūharakekenui Sustainability project aims to decrease greenhouse gases through encouraging the use of electric transportation alternatives, increase efficiency and remove greenhouse gases through forest restoration in the Pūharakekenui (Styx River). The Styx Living Laboratory Trust (a local river care group) is now expanding its operations via employing staff and moving into a new Field Centre in early December 2021. This will provide the opportunity to introduce the use of energy efficient technology, reduce greenhouse gases through forest restoration and introduce innovative transport solutions to reduce greenhouse gas emissions across the Styx Catchment thereby supporting community-led waterway restoration efforts.</p>	<p>Council Funding History</p> <p>2020/21 DRF FWH - \$5,800 2020/21 DRF PI - \$8,698 2020/21 Creative Communities - \$666 2020/21 SCF FWH - \$2,000 2020/21 SCF PI - \$6,500 2019/20 SCF FWH - \$4,000 2019/20 SCF PI - \$4,282</p> <p>Other Sources of Funding This project has not received any funding from CCC.</p> <p>How Council funds will be used: The Council funding will be used to purchase;</p> <ul style="list-style-type: none"> • High performing irrigation system and tank • Flat bottomed boat, electric outboard, oars and lifejackets • Electric Bike and accessories • Kayak <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$34,757.99</p> <p>Requested Amount: \$ 20,614.99</p> <p>Percentage requested: 59%</p> <p>Budget Summary:</p> <p>25,000 litre tank, valve kit and delivery \$3,707.00</p> <p>Flat bottomed boat, electric outboard, oars and lifejackets \$6,785.00</p> <p>2X2 ADV + KX2.1 electric bike and accessories \$9,423.00</p> <p>Torpedo7 2021 Cruise Single Kayak \$699.99</p>	<p>\$10,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$10,000 from the 2021/22 Sustainability Fund to the Styx Living Laboratory Trust towards 25,000 litre tank, valve kit and delivery, and a flat bottomed boat, electric outboard, oars and lifejackets.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$10,000 based on the following rationale:</p> <ul style="list-style-type: none"> • Relevance- The alignment with Council's climate change objectives – in particular 'Carbon removal and natural restoration', 'Understanding the local effects of climate change' and 'Proactive climate planning with communities'. 	<p>1</p>

<p>Organisation Details:</p> <p>Service Base: 130 Hussey Road, Northwood Legal Status: Charitable Trust Staff – Paid: 0 Volunteers: 60</p> <p>Measurable – Proposed ways to measure and report</p> <p>Learnings will be shared with volunteers through newsletters, website, and on facebook. This project will also start at the same time as the Ministry for Environment(MfE) project and will support MfE project staff to carry out their work in a more sustainable manner.</p> <p>Vehicle trips will be monitored (how many were reduced through the use of the more sustainable transport options) and the group will capture the stories of staff and photographs of improvements made. The MfE funding will allow a Communications Creative to be employed - this individual will help to share the wins from this project in an exciting and innovative way.</p> <p>Project outcomes include:</p> <ul style="list-style-type: none"> - At least 40% of willow control work undertaken by Styx Living Laboratory Trust staff along the Styx in the first year is undertaken via boat, kayak or electric motorbike and in general staff vehicle trips(petrol/diesel) will be reduced by at least 30% -100% of the drilling for willow control will be undertaken using electric drills -400m2 of forest will be planted by the end of the project and lizard habitats created -The Styx Living Laboratory Trust staff, volunteers and community will be more aware of water and energy efficiency, carbon emissions and sustainable transport solutions than at the start of the study (A survey before and after the project completion will be conducted). 	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>This project will directly contribute to greenhouse gas reduction through the purchase of energy efficient technology and will provide more sustainable transport options for volunteers and staff. The Trust is undergoing a transition from a small Trust to a larger Trust due to securing funding from the MfE freshwater improvement fund. The group is hiring more full-time staff and are leasing a field centre where all operations will be based out of. The sustainability fund provides the opportunity to have sustainability at the forefront of the Trust's thinking and will help ensure that the \$4.1 million MfE project is delivered in a more environmentally friendly manner throughout the Styx Catchment.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>This project will ensure that work conducted by the Trust across the Styx catchment is more energy efficient and produces less greenhouse gas emissions.</p> <p>The project will extend across the entire Styx catchment including the length of the river. This project will benefit the Styx community and even wider Christchurch as this project will be supporting community restoration efforts across the Styx and will help make the Styx 'the place to be.' This project will help restore ecosystems, increasing community engagement, support volunteer activities and will help create a living laboratory for learning and research in the Styx.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>This project will have a legacy as the items purchased for this project will be able to be used for many years by the Trust, staff and community, to make Trust operations more sustainable. For instance, the boat, kayak and drills will be useful for many years after the project has finished.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>Dr Antony Shadbolt is involved in this project and has been involved in the Styx Catchment in particular for many years. Dr Antony Shadbolt has a wealth of knowledge about biodiversity and the Styx Catchment. Dr Antony Shadbolt is the Team leader of the Biodiversity Team at CCC.</p> <p>The project will be ready to proceed as soon as funding is granted and will be supported by the hired MfE Project Staff, community volunteers and the Styx Living Laboratory Trust which has been in operation for 20 years. The project can be completed in 12 months.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Summit Road Society</p> <p>Project: Restoration of Avoca Valley</p> <p>Focus area: Biodiversity</p>	<p>The Society has secured \$650,382 from Jobs for Nature. This funding will bring our work in Avoca Valley forward by decades. We are now embarking on a programme to protect remnant biodiversity and restore a lowland podocarp forest to the valley. This includes fencing 33ha of the valley, planting 46,000 plants in Linda Woods Reserve and creating a 1ha ecological corridor on our neighbour's farm to link Linda Woods Reserve and Montgomery Spur. In time, we intend to restore the entire valley to bush. We are seeking additional funding in order to meet our Jobs for Nature co-funding requirements.</p>	<p>Council Funding History</p> <p>2020/21 Round 1 Sustainability Fund - \$20,000 2019/20 Capital Endowment Fund Round 2 - \$150,000 (Approved) 2017/18 DRF SC - \$45,000</p> <p>Other Sources of Funding</p> <p>CCC are providing support in the form of in-kind advice from the Port Hills ranger service and inhouse ecologist. CCC also provide an annual environmental grant of approximately \$20,000 to the Society which supports our normal operational costs including administration.</p> <p>How Council funds will be used:</p> <p>The budget attached is for 2022 project costs. CCC Sustainability funding will be used for planting and maintenance costs in 2022 including plants, guards and labour. We are extremely grateful to CCC for granting \$20,000 in late 2020 for Avoca Valley. This funding was crucial for getting this project off the ground and was likely a factor in our successful Jobs for Nature application. Since that time, our small project has morphed into a very large project. Co-funding is a requirement of Jobs for Nature and while we have raised most of the funding needed for the 2022 project, there is still a shortfall. Crowd funding is proving more difficult given the challenges of covid-19. The project will still proceed if this application is not successful. However if we cannot raise the shortfall then we will need to pull back on some of the milestones.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$406,150</p> <p>Requested Amount: \$ 20,000</p> <p>Percentage requested: 4.9%</p> <p>Budget Summary:</p> <p>Income – in kind Landscape services \$10,200 Volunteer Planting \$22,750 Volunteer Hand weeding \$22,750 Secretarial support \$3,600 Total in-kind \$59,300</p> <p>Expenditure Stock fencing \$56,160 Gates \$720 Plant supply \$78,750 Contractor costs \$142,560 Plant guards \$50,000 Contractor maintenance \$72,960 Watering infrastructure \$5,000 Total Expenditure: \$406,150 Requested Amount: \$ 20,000</p>	<p>\$20,000.</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$20,000 from the 2021/22 Sustainability Fund to Summit Road Society for native forest restoration in Avoca Valley.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$20,000. based on the following rationale:</p> <ul style="list-style-type: none"> Aligns closely given ability of native forest to deliver multiple benefits relating to carbon sequestration, indigenous biodiversity, public amenity/wellbeing and participation 	1

<p>Organisation Details:</p> <p>Service Base: 35 Awatea Road, Wigram, Christchurch 8042</p> <p>Legal Status: Incorporated Society</p> <p>Staff – Paid: 1</p> <p>Volunteers: 40</p> <p>Measurable – Proposed ways to measure and report</p> <p>Key metrics include the number of hectares planted and potential tonnes of carbon absorbed; the number of volunteers involved in the volunteer planting programme; and stories and photos of the journey over the five years. We will share our success via our newsletter and Facebook and Instagram pages.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>This project aligns closely with Programme 5 in the Ōtautahi Christchurch Climate Resilience Strategy, Carbon Removal and Restoration. Over the next three years, we will be replanting 16ha of the valley plus an additional 1ha on our neighbour's farm. This will sequester approx 5,508 tonnes of carbon over 50 years. The valley will be covenanted with QEII National Trust and will be protected in perpetuity. This is just the start of the forest. Over the next decade or so, we intend to restore the entire valley (33ha plus the adjoining 1ha ecological corridor) to forest. This will sequester about 11,016 tonnes of carbon over 50 years.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>By restoring the bush to the Avoca Valley catchment, we will create habitat for native fauna, improve freshwater values, reduce erosion and sediment run-off, restore mahinga kai, provide recreational benefits for the community, and support carbon sequestration. The new bush will provide an ecological corridor between the city and the harbour and will complement the Christchurch City Council's restoration programmes in nearby reserves. We are also involving the community in the restoration efforts through planting and weeding days with the public, the local Avoca Valley community and school children.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The project will have enduring benefits as the bush will be protected in perpetuity. Nearly 10000 trees and plants have already been planted and we intend to plant a further 36,000 trees and plants covering 16ha of the valley. Jobs for Nature and other funders are also funding the fencing for the wider 33ha project. This means that once this three years is complete, volunteers can continue to in-fill the remaining plants over the next decade or so. In time, the entire valley will be restored to bush.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Society has chosen to partner with Wai-ora Forest Landscapes because they have the skills and expertise to deliver a restoration of this scale. They can grow the seedlings in their nursery, erect the fencing, and plant and maintain the trees. Wai-ora Forest Landscapes are the commercial arm of Wai-ora Trust, a well-respected charitable trust in Christchurch with a long history of community and employment development. The project will have clearly defined and achievable milestones, in line with the restoration plan developed by landscape architect John Marsh.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority										
<p>Sustainability 360 Ltd (S360)</p> <p>Project: S360 launch</p> <p>Focus area: Sustianability Tools</p>	<p>Sustainability 360 (S360) Director Caroline Thalund and her team have developed a cloud platform, S360, to help make businesses more sustainable. S360's first two customers are Christchurch based and keen advocates.</p> <p>Businesses can struggle to act on climate change and make sustainability initiatives an everyday part of business, which is exactly the challenge S360 tackles.</p> <p>This project is due to launch in early 2022. This application is for raising funds to engage Christchurch businesses with this solution and create positive impact.</p>	<p>NA</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: Viral video and Facebook campaign</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$32,000</p> <p>Requested Amount: \$15,500</p> <p>Percentage requested: 48%</p> <p>Budget Summary:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Identify Target Market</td> <td style="text-align: right;">\$3,000</td> </tr> <tr> <td>Focus Group Events</td> <td style="text-align: right;">\$8,000</td> </tr> <tr> <td>Marketing Video</td> <td style="text-align: right;">\$15,000</td> </tr> <tr> <td>Advertisements</td> <td style="text-align: right;">\$6,000</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$32,000</td> </tr> </table>	Identify Target Market	\$3,000	Focus Group Events	\$8,000	Marketing Video	\$15,000	Advertisements	\$6,000	Total	\$32,000	<p>\$10,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$10,000 from the 2021/22 Sustainability Fund to Sustainability 360 Ltd towards marketing S360.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$10,000 based on the following rationale:</p> <ul style="list-style-type: none"> S360 is well suited to lower barriers for Christchurch organisations to measure, track and report on their social and environmental impacts It will lower the costs of Sustainability Reporting, which will increase the number of organisations that report and increase the available capacity for implementing sustainability initiatives Sustainability Reporting has a long history, however, it is traditionally the domain of large corporations. S360 makes Sustainability Reporting accessible to smaller organisations; as it is developed in Christchurch and will launch here Ōtautahi organisations will be the first to benefit. 	1
Identify Target Market	\$3,000														
Focus Group Events	\$8,000														
Marketing Video	\$15,000														
Advertisements	\$6,000														
Total	\$32,000														

<p>Organisation Details:</p> <p>Service Base: Ara Institute of Canterbury Legal Status: Limited Liability Company Staff – Paid: 0 Volunteers: 5</p> <p>Measurable – Proposed ways to measure and report</p> <ul style="list-style-type: none"> The initial launch will be focused on Christchurch businesses. Specifically identifying Christchurch based Sustainability managers and practitioners; and business leaders involved, planning, or implementing sustainability and climate change related initiatives. The Christchurch marketing campaign will involve, firstly identifying the relevant professionals and then in person events featuring existing customers, social media campaigns, free trials and open product feedback and all supported by a highly engaging video campaign with a very Christchurch flavour. S360 has a well thought through marketing plan to leverage existing networks and get them to share when we launch. It has a social media suite of template posts and marketing strategy in place, ready for a professional video In the first 3 months S360 plan to offer 6 spots to medium/large businesses that have an office in Christchurch for an introductory offer and some free spots to charitable organisations By the End of 2022 it plans to have 50 businesses on board: 20 medium/large and 30 small <p>KPI's</p> <ul style="list-style-type: none"> Number of businesses applying to become one of the lucky few to participate in the beta launch Number of businesses to sign up for a waitlist for the release of the final product Number of shares and mentions on LinkedIn <p>For customers signing up at launch:</p> <ul style="list-style-type: none"> Number of staff users internally Number of ideas collated from stakeholders through idea feature Number of initiatives created in each category of Collaboration, Environment, Governance and Society Number of initiatives linked to the 17 UN SDGs All these anonymised stats above will be shared with CCC 	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <ul style="list-style-type: none"> The idea was born and first implemented in a CCHL organisation, Christchurch International Airport Ltd (CIAL) When a single Christchurch business improves its sustainability performance and starts transitioning to a low emissions economy the benefits get multiplied. The Christchurch suppliers, customers, staff and communities connected to that business also transition with them. S360 blends the ease of cloud software with the measurement and management of sustainability making it "business as usual". S360 additionally enables any staff member of that business, or visitors and other stakeholders, to contribute ideas for innovative solutions to climate change. S360 aims to help businesses deliver on Council's objectives and targets. It is about making sustainability simple and help businesses act on sustainability in Governance, Environment, Society and Collaboration, and as wide as the UN SDGs. Businesses will use S360 to become more sustainable S360 is a local Christchurch start up, first and foremost helping Christchurch businesses <p>Benefit – The nature and scale of the benefits to be delivered.</p> <ul style="list-style-type: none"> S360 is designed to enable Christchurch businesses to create innovative solutions to climate change. The more businesses that sign up to use the platform the wider the network of benefits become. United Nations Sustainable Development Goals (UN SDGs) and sustainability generally has poor uptake, difficulty reporting and capturing numbers. It is often too complicated and overwhelming. This platform seeks to address these issues, benefitting Christchurch and the public good Council accessing data previously difficult to obtain, especially business GHG emissions Storytelling, sharing stories of businesses doing good to inspire others Comparing data and approaches to reducing reliance on fossil fuels and specific solutions developed for industry and business sectors S360 is happy to arrange a pilot with Council for the idea feature, which will help Council get buy in and engagement from staff and customers (a simple button that can be added to any tablet and any passers-by can easily submit their ideas for how the organisation can become more sustainable) Free component to benefit local construction companies and builders. Launch of free online embodied buildings material calculator in Oct '21 to help the industry calculate emissions. Caroline has been requested to deliver a workshop teaching the industry at a built environment summit. Working with BRANZ and the Better Build Group to help being proactive rather than reactive with the new Building for Climate Change Programme in consultation - requiring carbon emissions to get building consent in the near future The possibility to share with Council aggregated anonymous data of S360's Christchurch users. This would enable Council to understand and talk about aggregated benefits of lowering GHG emissions, fossil fuel usage etc across the city. 	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <ul style="list-style-type: none"> S360's story and mission is about helping to transition Christchurch businesses and communities to a more sustainable and climate resilient economy. In time it aims to take this to the rest of New Zealand and into export markets. Christchurch is the smart and highly connected business community that will get this started and provide us with the feedback to test, improve and grow our cloud platform. After the soft launch the income from the customers will enable S360 to adapt the platform and take on more customers, increasing revenue and self-sustainability. The larger businesses paying a premium will enable the smaller businesses and charitable organisations to afford it too. When it has sufficient income from larger businesses we will provide a number of free subscriptions for communitiy organisations. <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <ul style="list-style-type: none"> Caroline Thalund (Founder and director) is a sustainability specialist with 20 years of experience across tourism, construction and aviation. Caroline is considered a thought leader in sustainability. She knows the pain points that businesses face, and how to solve them. Caroline also has a master's degree in science and communication and specialises in behavioural change using a positive and innovative approach. Caroline is the brainchild behind S360 and leads the growth of the business. Most recent roles: Head of sustainability for Phocas, Sustainability Manager for Cook Brothers Construction, Sustainability Champion for CIAL and a freelance sustainability consultant Vinay Varma (Technical Project Manager) is a certified Scrum Master with 23 years' experience in delivering successful large scale software projects to customers like NZ Dept of Internal Affairs, Blackboard, British Telecom, FedEx and Mitsubishi. Vinay leads the product development on S360 by mentoring and managing a team of software interns. S360 has a strong relationship with Ara Institute of Canterbury where it regularly takes on board student in their final year and give them experience and skills in developing S360 by providing industry sponsorship. It has had seven students on its team (two current) and helped all of them into successful employment. Two employed for S360 itself, one through a Callaghan Innovation grant. To date it has provided Ara students with approximately 2000 hours of mentoring since we started in March 2020. S360 is supported by the start-up incubator Te Ohaka as well as an advisory team consisting of: <ul style="list-style-type: none"> Martin Crockford - BI Manager at CIAL and technical creator of the original CIAL platform. Amarit Charoenphan - Start-up expert recognized as an Obama Foundation Asia Pacific Leader, a Fellow of the Edmund Hillary Fellowship (EHF), and has been named as one of Forbes Asia 30 Under 30: Enterprise Technology, and Thailand Startup Enabler of The Year 2016. Ami provides guidance on getting S360 to market. Jacob Varghese - Head of Innovation at the Ministry of Awesome and passionate supporter of S360 providing business experience and advice on making the business self-sustainable. Andy Blackburn, Director Ideas Accelerator Ltd Has reviewed our Business Plans, Marketing Plan and this application and provided feedback and practical suggestions along the way. The S360 product has been trialled successfully with 2 organisations since Feb 2021 20 businesses are signed up and awaiting launch. Soft launch within 3 months of receiving funds. Hard launch within 6 months of receiving funds.
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Cashmere New Life Church</p> <p>Project: CNL Community Garden</p> <p>Focus area: Food and farming</p>	<p>To create a new community garden at the St Saviours Church, on the corner of Colombo and Roxburgh Street, This will involve a wide range of residents within the Sydenham and Beckenham area.</p> <p>As guardians of our natural environment and Taonga in this area we will:</p> <ol style="list-style-type: none"> 1. Educate people on sustainable food practices (education will be provided on composting, water capture, worm farming, natural methods for pest and disease control and raising plants). 2. Provide produce for the community. 3. Utilise unused space for productive purposes. 4. Encourage back yard food production in the area. 5. Grow neighbourhood connections, collaboration and enhance the wellbeing of the community. 	<p>NA</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: Funds will be used to purchase materials, tools and for the initial establishment of the community garden. All the labour, care of the garden and community education will be provided on a voluntary basis.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$4,621</p> <p>Requested Amount: \$ 4,621</p> <p>Percentage requested: 100%</p> <p>Budget Summary:</p> <p>4X Garden boxes @ \$940.00 (St Martins Menzshed) \$3,760.00</p> <p>Soil (6 Cubic Metres @\$79.00 from Garden Maker) \$474.00</p> <p>Herbs, Vegetables and a lemon tree \$250.00</p> <p>3X 240 litre Compost bins (Bunnings \$45.70) \$137.10</p>	<p>\$4,621</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$4,621 from the 2021/22 Sustainability Fund to the Cashmere New Life Church towards the establishment of a new community garden on the corner of Colombo and Roxburgh Streets.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$4,621 based on the following rationale:</p> <ul style="list-style-type: none"> This project is well aligned to the purpose of the Sustainability Fund. The community will benefit in meaningful and tangible ways from the garden and the education sessions proposed. This garden is on a high profile site that can encourage edible gardens elsewhere in the city. Aligning a community garden with a church is a proven way to gain support from a wide range of people and enables the ongoing maintenance of the garden. The Sustainability Fund as a catalyst, has supported the establishment of other community gardens – ongoing costs can be supported by Community Boards. 	2

<p>Organisation Details:</p> <p>Service Base: 16 Petworth Place, Westmorland, Christchurch</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report We aim to have regular gardening times and will record:</p> <ul style="list-style-type: none"> - The number of people involved in the garden. - The food given to individuals and local groups. - The number of people who we assist to establish their own garden. - The number of workshops hosted and the number of attendees. - We will record feedback from those involved in the garden and workshops. 	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>This project is directly aligned to the Council's climate resilience and sustainability objectives because:</p> <ul style="list-style-type: none"> - We will educate the community about growing food, composting, water conservation and environmentally friendly pest control methods. - We will grow and share food with the community. - We will compost the organic waste generated from the garden and teach people how to compost at home – making better use of our organic resources. - We will encourage community resilience through regular Working Bs and educational workshops run in association with the Church. - We will beautify a currently unproductive lawn and encourage community enjoyment and stewardship of this space. <p>Benefit – The nature and scale of the benefits to be delivered.</p> <ul style="list-style-type: none"> - The community in the Sydenham / Beckenham area will benefit directly from this new garden by being involved, learning or from food sharing. - The garden is on a very high profile and fully public site (the corner of Colombo and Roxburgh Streets). This will provide a good demonstration of what is possible on a small site and can inspire edible gardens to all those who pass by. This area of Sydenham South, Sydenham West and Beckenham has a combined population of approximately 6,500 people, with an average age of 39 years. Maori represent approximately 10% of our population. - We aim to connect with this local community and encourage involvement in the garden and learning opportunities. This will help to create a sense of community, provide a safe meeting place where people are welcomed and reduce isolation. And will help grow capacity and self-sufficiency in our community. - We will encourage our church community of approximately 200 people to be involved and to emulate the activities in their home gardens. - We will distribute food grown to participants and local community groups. 	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The legacy of this project will be to enrich community relationships and individual well being, to encourage and raise awareness of the benefits of community and home gardens, to reduce unproductive space, waste and emissions, and maximise water use.</p> <p>We are also currently organising a group who will work with people who have garden space but are lacking the physical capacity to work it, so that they can make that space productive. These projects will work in tandem with each other. Our church vision is to reach "hearts, habitats and humanity". Therefore, there will be an ongoing commitment to this project.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The project has been scoped and costed and is ready to proceed. We have a committed team of people who have the necessary skills and motivation to bring this project to fruition and maintain it for the future benefit of the community. Budgets have been provided and quotes gained for work to be undertaken.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Cultivate Christchurch Ltd</p> <p>Project: OPEX for Urban Farm to support youth and community engagement</p> <p>Focus area: Food and farming</p>	<p>Cultivate Christchurch is a Youth Development and community engagement organisation operating as an urban farm that produces high-quality, organically grown produce, delivering solutions for climate change recovery, biodiversity and food supply. We power our CBD deliveries by e-bike and home deliveries across Canterbury by courier (with a focus on carbon emission reduction). Central to our purpose is creating a sustainable future for the next generation with an Environmental focus; Healthy soil equals healthy plants, waterways and biodiverse spaces, using beyond organic farming practices; all of this translates into healthy bodies and ultimately healthy communities.</p>	<p>2021/22 DRF Metro – (Pending) 2021/22 SCF Metro - \$13,000 2020/21 DRF Metro - \$20,000</p> <p>Other Sources of Funding Youth Town - \$5,000 (staff wages) Lotteries - \$4,000 (OPEX) Pub Charities - \$5000 (Staff wages) ASB - \$5000 (tools and equipment)</p> <p>How Council funds will be used: The funding will support the farm development and general operating costs for the year. For the breakdown see below. Seed \$5,294.01 Soil conditioning \$3,061.09 Irrigation costs \$3,523.42 Screens and covers \$2,994.13 Repairs and maintenance \$1,020.06 Motor vehicle costs \$6,679.03 Hire/rent \$695.65</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$481,667</p> <p>Requested Amount: \$ 23,267.39</p> <p>Percentage requested: 4.8%</p> <p>Budget Summary:</p> <p>Farm Wages (\$ 173,000.00) Intern Wages (\$ 105,000.00) Produce brought in (\$ 52,000.00) Bills (insurance, rent, phone and utilities) (\$ 78,000.00) GST (\$ 50,400.00) Farm Expenses (\$23,267.39) Seed (\$ 5,294.01) Soil conditioning (\$ 3,061.09) Irrigation costs (\$ 3,523.42) Screens and covers (\$ 2,994.13) Repairs and maintenance (\$ 1,020.06) Motor vehicle costs (\$ 6,679.03) Hire/rent (\$ 695.65)</p>	<p>\$16,590</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$16,590 from the 2021/22 Sustainability Fund to Cultivate Christchurch Limited towards the operational costs of running this social enterprise.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$16,590 based on the following rationale:</p> <ul style="list-style-type: none"> Cultivate Christchurch is an exemplary social enterprise delivering tangible benefits to vulnerable members of our community, while providing food to and processing food waste from 19 local cafes using an electric bike for deliveries – they are a role model of sustainability. They have received Council funding to help cover wages, this application is focused on supporting the practical costs of running the garden and vehicle costs. Cultivate is working toward financial self-sufficiency, but it takes time and support is needed to accomplish independence. The TOR for the Sustainability Fund means that the \$6,679 of vehicle costs are not generally supported by the Fund. So this amount has been removed from the proposed grant. 	2
<p>Organisation Details:</p> <p>Service Base: 156 Peterborough Street Legal Status: Charitable Limited Company Staff – Paid: 3 Volunteers: 50</p> <p>Measurable – Proposed ways to measure and report We will report on project success through recording the following numbers at the end of each financial year.</p> <p>The key performance indicators and their respective measures are as follows:</p> <ol style="list-style-type: none"> 1. Number of Cultivate Volunteers actively participating in the 'Cultivate Experience' (Walk, talk and activity). Measure: # will be taken from the role and number of hours. 2. Number of Extreme - High Risk Youth supported by Cultivate (Cultivate Experience) - through partnerships or via direct support. 3. Number of Extreme - High Risk Youth receiving vocational or technical training (Cultivate Internships) during the reporting period 4. Number of Cultivate Interns who were placed in Education Employment or Training during the reporting period. 5. Area of land (m2) directly controlled by Cultivate at any point during the reporting period. 6. Number of veggie boxes delivered to Canterbury homes per week <p>We are currently working on a way to demonstrate the increase in biodiversity above and below the soil. We have noticed a huge increase since 2015 at Peterborough street farm and we maintain this. So can demonstrate the maintained levels of biodiversity with bird life, insects and bees alongside the worms, beetles and insects within the soil though photos.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. Cultivate Christchurch is committed to having a low carbon footprint. We intentionally farm on sites in and around the city to lower travel distance for produce from farm to table that includes using an electric bike for CBD deliveries and a delivery service that focuses on a carbon emission reduction. Our farming practices rely on helping hands from our volunteers and young people we employ and support. This is a direct contribution to advancing Council's climate change targets by a reduction in the impact from greenhouse gases (15%) caused by farming. Our practices include organic and beyond organic growing methods that we observe has increased the biodiversity above and below the soil we farm on. These and our other farming and employment practices also align directly with Councils objectives of innovative and low-emission economy, kaitiaki of our natural environment and taonga and sustainable and regenerative farming practices that are working to resolve climate change.</p> <p>Central to our purpose is creating a sustainable future for the next generation; our impact focus is on employment for young people not engaged in education, employment or training. To do this, we consider how we integrate sustainable development within all of our activities. Environmental focus integrates into our socio-cultural responsibilities; Healthy soil equals healthy plants, waterways and biodiverse spaces, using beyond organic farming practices; all of this translates into healthy bodies and ultimately healthy communities.</p> <p>Sustainability is interwoven in the business from the start as a perfect mix between positive youth development and wellbeing for the land thus teaching the next generation to learn and use these skills in their own homes and beyond. We also include the community to ensure a wider reach and development of the business and connections with each other. Each year we host over 600 people on-site to learn about what we do and to participate on the farm. We are an open-access operation supporting our community with:</p> <ul style="list-style-type: none"> - Knowledge, food and food-growing resources that are readily transferable to the home environment; - Access to positive, person-centred and strengths-based social support and community-based networks for participants, staff and those with the highest needs to enable long-term engagement in education, employment or training; - Development of employment skills, leadership, practical skills and life skills within the real-life context of our productive urban farm system. <p>Benefit – The nature and scale of the benefits to be delivered. We provide opportunities for sharing knowledge, resources, and passing on food production skills. We are an open access operation, actively contributing to a sustainable city and communities. We are contributing to youth development by disrupting intergenerational disadvantage, providing pathways to employment, education and training as well as supporting our wider community by teaching and enabling people to grow their own food in their own environment without the need for expensive equipment or harmful chemicals.</p> <p>The more people buying from local growers the more food resilient our community can be during emergency situations. We need everyone to have access to healthy food for their own wellbeing, but it is estimated that 10% of families/households experience low food security in NZ. This percentage increased during our recent COVID lockdown with the closure of our country resulting in a fifth of New Zealanders not having access to healthy food when they most needed it. By teaching people to grow their own food and having access to a local source we can lower to costs of food for wahanu.</p> <p>Organic Market Garden, another member of our Urban Farmers Alliance in Auckland is actively measuring their data in this process. In less than 12 months, the garden increased their storage of carbon from 29 tonnes to 44.8 tonnes and it is, therefore, reasonable to assume that our project will deliver similar results as OMG have been able to demonstrate via their soil testing. In comparison, a conventional farm with chemical inputs with similar land use would be losing 10 tonnes of carbon over the same period.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. Urban farms deliver climate change ready values via biodiversity, water retention, carbon drawdown, heat sinking, air filtration, food & nutrition security, employment training and social cohesion. In comparison, Large scale commercial food producers use unsustainable fertilisers and chemicals which are detrimental to both the environment and human health. Early harvests, long storage times, and poor soil fertility deliver low vitamin and mineral level results. The process of regenerative agriculture begins with soil restoration, we test this along our journey to scientifically measure our success at the end. Regenerative agriculture achieves productivity as the soil recovers and rebuilds, producing more output with less input. This enables biodiversity to return, increases the ecosystem stability and provides increased resilience towards potential environmental changes. Our closed loop system of rebuilding our soil from our own green waste, without artificial pesticides or fertilisers, generates higher crop yields than "traditional" intensive management farming. Overall, regenerative organic agriculture is a cluster of strategies bringing another possible outcome for reducing carbon levels in our atmosphere, supporting Christchurch City Council and Aotearoa NZ in delivering to their commitment and objectives in resolving climate change. Cultivate has endured a tough year since Covid lockdown 2021. We continued our main offerings for our young people and community alongside a rebrand and restructure of the organisation and losing our Co-founder Bailey. This was to improve our ability to financially succeed and be more sustainable now and into the future.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project. Since 2015, Cultivate Christchurch has been delivering a transformative experience to our youth interns and our wider community. To date our social return on investment deliverable has been a \$3,668,000 cost saving to the tax payer - in beneficiary and justice system alone. We have demonstrated an 81% success rate in our youth interns successfully transitioning from our program into education, employment or training.</p>			

SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Little River Wairewa Community Trust</p> <p>Project: Kickstarting ridesharing and community transport in Horomaka Banks Peninsula</p> <p>Focus area: Transport</p>	<p>The project aims to reduce the 2000-3000 vehicles per day using State Highway 75 from Akaroa to Halswell by encouraging a car-sharing network and developing a community transport plan. This will have multiple benefits including: reducing transport emissions; tackling the often hidden problem of transport poverty; providing a service for those without cars, including youth and older people; and strengthening community connection. A Project Coordinator will be employed to organise information and networking events, as a contact point for the developing network, to liaise with community groups in Little River and Akaroa, and to promote car sharing via roadside signs, email lists and social media.</p>	<p>Council Funding History</p> <p>2021/22 DRF BP – Pending 2021/22 SCF BP - \$17,000 2020/21 SCF BP - \$18,000 2019/20 SCF BP - \$20,000 2018/19 Innovation and Sustainability Fund - \$11,661 2017/18 Innovation and Sustainability Fund - \$10,000</p> <p>Other Sources of Funding None</p> <p>How Council funds will be used: The funds will be used to employ the coordinator and to cover the costs of publicity material.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$8267</p> <p>Requested Amount: \$ 8267</p> <p>Percentage requested: 100%</p> <p>Budget Summary: Co-ordinator 6 hours/week @ \$25/hour + holidays: \$5,457 Signs: \$800 Advertising: \$500 Flyers: \$300 Travel: \$600 Phone: \$400 Phone plan: \$210 Total: \$8,267</p>	<p>\$ 8,267.</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$ 8,267 from the 2021/22 Sustainability Fund to Little River Wairewa Community Trust towards Kick Starting Ridesharing and Community Transport in Horomaka Banks Peninsula.</p> <p>Rationale for Staff Recommendation Staff recommend granting \$ 8,267 based on the following rationale:</p> <ul style="list-style-type: none"> The Little River Wairewa Community Trust is experienced in project management and has robust governance and financial structures in place. A lack of public transport and the number of isolated and rural communities in the Akaroa/Wairewa area means there is a need to increase opportunities for those without easy access to transport. Lowering emissions by reducing the number of one person vehicle trips will complement other initiatives to combat climate change on Banks Peninsula. 	2

<p>Organisation Details:</p> <p>Service Base: Private Residence Legal Status: Charitable Trust Staff – Paid: 2 Volunteers: 70</p> <p>The Little River Wairewa Community Trust works with a number of contractors, who bring specialist skills and manage particular projects. They report to the Trustees in accordance with the contract descriptions. The Trust's goals are to build a connected, sustainable and thriving community. Its work culture is informal, collaborative and supportive.</p> <p>The car-sharing contractor will be tasked with managing the car-sharing project. They will need to be an independent worker with experience in either community relations or project management and a good working knowledge of communities on Banks Peninsula. The role does not require qualifications, but does require a range of skills, including planning, organising, communicating, event organising and research. A commitment to sustainability and community development are important, although not specialist knowledge of these areas. A valid full driver's licence and access to a vehicle will be needed, as the contractor will need to travel on the peninsula.</p> <p>The contracted work will have no fixed hours or place of work, although availability for key meetings, including in the evening, will be required. The contractor will have autonomy in how they carry out the work and interactions with the community, except that all spending will be approved ahead of time by the Trustees. Progress will be coordinated through informal discussions with Trustees and the oversight group and monthly reports to the Trust project coordinator.</p> <p>The work will be paid by invoice, for a maximum of 6 hours a week, at \$25 an hour. Self-employment related costs are borne by the contractor, except where agreed otherwise.</p> <p>The main tasks are:</p> <ul style="list-style-type: none"> - Plan and carry out activities as agreed with the oversight group - Plan and carry out communication campaigns around the activities - Commission publicity material, including content and visuals - Meet with the LRWCT project coordinator and others to coordinate work - Organise and attend meetings with local government, community and others as agreed - Manage finances responsibly - Report regularly to the LRWCT project coordinator on work and to the oversight group - Design, conduct and report on a survey of users of the service for the Trust and funders - Other duties as relevant and agreed by both parties. <p>First preference will be given to a candidate who comes from the peninsula. The Trust is committed to enabling all in the community to work.</p>	<p>Measurable – Proposed ways to measure and report</p> <p>The key measurables will be</p> <ul style="list-style-type: none"> an uptake of car sharing and a shift in perceptions from car sharing being seen as difficult to beneficial and achievable. <p>Other benefits will be more anecdotal:</p> <ul style="list-style-type: none"> people being able to travel into Christchurch who faced barriers before the social benefits of shared trips people feeling less isolated and able to choose to continue to live on Banks Peninsula. <p>A final step to the project will be to survey car sharing participants to identify how their behaviour has changed, what benefits they've experienced and how the service might be developed as a result. This work will be carried out by the coordinator.</p> <p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>A significant amount of traffic on State Highway 75 is long-run trips for commuting to work or to access services and shops in Christchurch. These are often single-occupancy trips. Anecdotally, there is some car sharing on Horomaka Banks Peninsula, but it is not organised and most residents rely on having one or two cars of their own. The number of vehicles (which each took green house gas emissions to build) and the GHG emissions from these vehicles can be reduced by people sharing vehicles.</p>	<p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Car sharing schemes have the potential to reduce transport-related greenhouse gas emissions by taking cars off the road. Modelling of carbon savings by economists ranges from 3% to 60% for each member of a car sharing scheme. This wide range is because transport is complex, however a scheme would have other positive impacts on the community including: providing a service to those without the financial resources to own or run a roadworthy vehicle; provide a service for those who are unable to drive, such as young people or older people; build community resilience and connection; encourage other mode shifts such as more cycling and public transport use once people get to town; reduce car ownership and car parking pressures in the city; an opportunity to quieten rural roads and reduce accidents.</p> <p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The project's task is to get early adopters to car share, by matching people from the small communities on the peninsula making similar trips, publicising car sharing and its benefits and setting up structures for people to continue to share and for others to join, such as a WhatsApp group. Once people begin to car share, it's likely habits will form, so the challenge is to connect up people doing similar trips at similar times and to change people's habits. Once a scheme has gained momentum, other initiatives such as an ECan Community Vehicle Trust with its own owned or leased vehicles or an app will be possible.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Trust has 10 years experience in organising community activities and projects, including sound financial management, administrative and planning processes and connections in the community. This project is also driven by a wider group of residents, in both Akaroa and Little River, motivated to reducing the number of vehicles on the road. Care will be taken to ensure that the successful applicant for the Co-ordinator role will have the necessary skills and attributes to successfully undertake the project (as per Job Description attached).</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Molten Media Trust</p> <p>Project: Ethical Ewaste</p> <p>Focus area: Waste</p>	<p>Molten Media was started back in 2010.</p> <p>Since then MM has reduced the amount of ewaste going to landfill by accepting ewaste from both the public and other organisations.</p> <p>MM minimises the flow of ewaste to landfill by a mix of</p> <ul style="list-style-type: none"> - refurbishing old equipment and donating to those who cannot afford new equipment and/or selling to those who wish to pay and can afford to do so. - "stripping" old equipment into like categories of recyclable waste eg CPUs, metal, plastic and HDDs (sanitised by default) 	<p>NA</p> <p>Other Sources of Funding Molten Media have received funding from the Canterbury Waste Joint committee Fund previously; 2017/18 = \$14,500 requested, \$10,000 available and granted. 2018/19 = \$10,000 requested and granted. Applied in 2020 for \$20,000 – declined due to having previously received funding.</p> <p>How Council funds will be used:</p> <p>\$14,400 Wages (2d p.w @ \$160 per day for 45 weeks p.a) \$5,688 Car expenses – (2d p.w. at 80km per day @\$0.75 per km) \$4,000 Trailer \$1,000 Misc - includes trailer maintenance, contingency \$25,088 TOTAL for one-calendar-year setup and trail</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$25,000</p> <p>Requested Amount: \$ 25,000</p> <p>Percentage requested: 100%</p> <p>Budget Summary:</p> <p>\$14,400 Wages (2d p.w @ \$160 per day for 45 weeks p.a) \$5,688 Car expenses – (2d p.w. at 80km per day @\$0.75 per km) \$4,000 Trailer \$1,000 Misc - includes trailer maintenance, contingency \$25,088 TOTAL for one-calendar-year setup and trail</p>	<p>That the Sustainability and Community Resilience Committee provide funding of \$14,400 for Wages and \$4,000 for a covered Trailer from the 2021/22 Sustainability Fund to Molten Media.</p> <p>Rationale for Staff Recommendation Staff recommend funding the \$18,400 to Molten Media, based on the following rationale:</p> <ul style="list-style-type: none"> The last CCC audit of kerbside and transfer station waste found 2.25% of the content was E-Waste, which could have been diverted. There is also a national focus on E Waste, as one of the six priority products proposed by the government, for regulated product stewardship, under the reviewed Waste Minimisation Act. While the Sustainability fund does not cover “purchase of vehicles and any related ongoing maintenance, repair, overhead costs or road user charges, Molten Media were confident that they can still proceed with the project, if just the trailer and wages are covered. Molten Media have been asked to do 2 x weekly pickups from the Salvation Army, due to the volumes being received and lack of storage space at the store. They have contacted the National Office regarding volumes and further collections, but and not yet heard back. They have confirmed that they would be interested in working in conjunction with Rotary, who collect E Waste from annual Warehouse stationery public drop off days, and drop these off to Kilmarnock Enterprises for processing, but have come to council to express concern that they may start getting too much for Kilmarnock to process, as approx. 15 tonnes was collected last time. They would need to work out how to deal with a big drop off, or discuss more frequent collection days from Rotary, as their current processing model is based on a bi weekly pickup from a charity shop, needing wages and a with a covered trailer = this is a different collection model to an annual e waste days. We recommend funding, on the basis that they are available to Rotary community collection events, to accept extra tonnages collected that cannot be processed by Kilmarnock. This is of benefit to ratepayers, by expanding who the collection is available to (ie. the public open days) potentially could reduce dumping of e waste items. 	2

<p>Organisation Details:</p> <p>Service Base: 11/21 Michelle Rd, Wigram, Christchurch 8042</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report We need to set up systems to</p> <p>1) track collections - units and weights</p> <p>2) track disposals - units &/or weights by category vs. recipient class</p>	<p>Relevance – How the project plans to advance on the Council’s climate change objectives.</p> <p>As a result of ongoing relationship with the Rolleston branch of the Salvation Army (SA) we are now aware that charities such as SA accept much material that they do not have the capacity, knowledge or insight to process. Volumes can be high as we also process domestic appliances. Our project will increase significantly the volume and weight of ewaste diverted from landfill to re-use and re-entry into new product streams.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>We already assist one charity shop from whom we collect - Salvation Army, Rolleston - and several businesses who deliver to us.</p> <p>We estimate that there are in the order of 10 - 30, maybe more, charity shops in Christchurch in the same position as SA, Rolleston.</p> <p>We propose to purchase a trailer for an estimated \$2-4K cost including cost-effective branding, and setup a regular collection of unwanted ewaste from other charities and businesses</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>Once we have the trailer and processes in place the scheme will be self-funding with income expected to exceed vehicle operational costs.</p> <p>Much of our labour is free, anything paid is generally around minimum wage with a desire to move to minimum living wage asap.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>Our track record of being in operation since 2010 over 3 premises, with stable staff and much ewaste already diverted from landfill demonstrate our added value.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>TOCK.earth Limited</p> <p>Project: June Burney</p> <p>Focus area: Other</p>	<p>Following a successful pilot reaching thousands of Christchurch Citizens, TOCK.earth aims to expand reach to most of Christchurch's young tamariki, their whānau and their teachers, delivering our transformational, innovative outreach programme to engage and empower them in positive steps to care for the Earth and our precious taiao before climate angst takes root. We will use in class/community workshops with storytelling, songs, Te Reo Māori, NZSL, tactile activities based on Kaitiakitanga. We believe the carbon zero targets of 2030/2045 can only be reached if we empower the next generation of future adults at a time when their beliefs are forming.</p>	<p>2020/21 Sustainability Fund - \$10,000</p> <p>Other Sources of Funding \$10000 from Christchurch City Council Sustainability fund the 2020-2021 pilot of TOCK.earth in Christchurch schools / pre-schools. All funds used in 2021 as planned. \$0 remaining.</p> <p>How Council funds will be used: Printing \$5640 for Activity sheets and TOCK Team stickers for each child - approximately 10827 children over a 3 yr period Travel \$8887.50 for 399 workshops delivered to approximately 225 sites across Christchurch Web hosting for 3 years \$810 Advertising \$2700 for 9 targeted social media ads per year Community event costs \$1020 (room hire and equipment costs for 12 community workshops in the 3 year period) Delivery, admin and resource creation for 399 workshops (in class and community) \$16,645.50 for 1234.5hrs (charged at approximately \$13.48 per hour excluding travel time) - This includes delivery of workshops, design work, web maintenance, resource creation, pre and post workshop administration, time creating competitions and other supporting activities.</p> <p>Will the project proceed without Council funding: No</p>	<p>Total Cost: \$59,505</p> <p>Requested Amount: \$ 35,703</p> <p>Percentage requested: 60%</p> <p>Budget Summary:</p> <p>Printing \$5,640.00 Travel \$8,887.50 Community Event Costs \$1,020.00 Delivery \$15,960.00 Web Hosting \$810.00 Web development / design / resource creation \$12,600.00 Advertising \$2,700.00 Admin \$11,887.50 Total \$59,505.00</p>	<p>\$12,000</p> <p>That the Sustainability and Community Resilience Committee makes a grant of \$12,000 from the 2021/22 Sustainability Fund to TOCK Earth Ltd for one year of running costs</p> <p>Rationale for Staff Recommendation Staff recommend granting \$12,000 based on the following rationale:</p> <ul style="list-style-type: none"> At this early stage, funding for three years is not appropriate. Funding for 60% of one year's operation (as per the budget) will allow for gathering of more impact data All estimates for the next three years are very realistic and the budget has been well-crafted. Plenty of good feedback from participating schools and evidence of impact with reach and participation numbers for the last year exceeding target along with a 98% satisfaction rating from teachers. 	2

<p>Organisation Details:</p> <p>Service Base: 249 Southfield Drive Lincoln (New Zealand)</p> <p>Legal Status: Limited Liability Company</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report We will be measuring and reviewing the following to show project success and identify any areas for improvement:-</p> <p>The total number of children taking part in the workshops.</p> <p>Number of centres and schools reached / workshops delivered.</p> <p>Feedback via survey from each visit.</p> <p>Photographs during workshops (if permission granted to share - as children involved)</p> <p>Stories from parents and centres/schools about how TOCK has helped their ideas and actions regarding sustainability.</p> <p>Statistics from individual centres as a result of changes to sustainability activity following TOCK's visit - e.g. reduction in plastic in lunchboxes, using more in centre recycling bins etc.</p> <p>Potential publicity through social media and local press re workshops and good news stories.</p> <p>Log of school term challenge activity.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>Through our pilot, we have proven that our approach is positively changing the values of young tamariki in relation to the need and their desire to care for the environment. This is then inspiring teachers and whānau to make positive changes in their life to ensure a brighter and cleaner future for their children. Schools are setting up recycling schemes / waste free lunches, parents are moving away from reliance on petrol cars (going on family bike rides instead), children, parents and schools are actively collecting litter from streets and working together to sort waste into correct bins. By reaching out to the wider Christchurch, predominantly through in class workshops + some community events, we will embed this collaborative and positive approach, building the desire of all ages to want to work together to be true Kaitiaki of the Earth and create a carbon zero 2030/2045</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Through our Christchurch pilot, we have proven that TOCK.earth positively benefits, educates and influences the tamariki, kaiako and whānau (a significant citizen demographic). We have attached feedback from the pilot to show this. We are observing and hearing about families and teachers changing their actions to act more sustainably focused as a result of the tamariki meeting TOCK and engaging with his messages. This includes saving energy, conserving water, reducing waste, smart recycling, setting up classroom recycling systems, picking up litter, correctly classifying / sorting waste, reducing carbon emissions by increasing use of more sustainable forms of transport. The benefit of TOCK is that it is a usable, loved and engaging foundation framework targeting multiple aspects of climate change but in a non-threatening way. TOCK is something the whole family can get behind and teachers/schools can easily build upon in the classroom. We don't just set out the framework, we also provide the tools, resources and channels to support the education process in the classroom and at home. In our first year pilot, our in class workshops have reached 3400 children and over 310 kaiako and somewhere in the region of 6200 whānau. On top of this, we are reaching in excess of 10K people each month through social media engagement and since the start of the Christchurch pilot, we have had over 8000 unique website visitors engaging in our online activities. These numbers are just the first year. This funding request is to reach out to most of the young tamariki across Christchurch in a 3 year period (estimated additional reach of over 10000 tamariki, 850 kaiako and over 21000 whānau) so the potential benefits are huge. Additionally, once the seed is sown, the messages and actions will grow like a tree. TOCK.earth is driven by passion, not profit. We just want to make a positive difference for the future of our wonderful city and surrounding environment. There is also a reputation benefit to The Christchurch City Council (CCC) by supporting TOCK, as everybody that we have already delivered to believe that the TOCK workshops are being directly provided by The Council as a CCC initiative with comments such as "It's great that the Council is providing this", "This is a great council initiative" and "Isn't this a great thing The Council is doing".</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The success of TOCK.earth is TOCK himself, the cute time travelling robot from a sad future who travels back to our present day to learn how we can build a brighter, cleaner future. The children (and teachers too) can't wait to meet TOCK and have truly fallen in love with him. We bring TOCK (who now also talks to the tamariki) to every workshop and the children even present him with gifts and pictures showing how much they want to help him care for the Earth. To support the longevity of TOCK we have produced and are constantly updating a child friendly website full of resources for children, families and teachers. This includes factual information on household waste reduction, water and energy efficiency, carbon reduction, the importance of biodiversity and caring for our vital taonga such as native trees all delivered at a level suitable to engage young tamariki. On the website we also have sustainability focused recycled craft activities, songs (written by ourselves) themed around Kaitiakitanga / waste reduction, videos, environmental focused games and regular competitions to further engage schools and children. We have created a concept called The TOCK Team with its own theme song and actions in which children, parents and educators are encouraged to join and share their own positive steps towards greater sustainability and hence encourage others to join in. With permission of the members, we will share these achievements and ideas online. As mentioned in the benefits, teachers are further developing their overall sustainability messages and actions around TOCK. We created TOCK as a catalyst, to become the anchor for sustainability activity for preschools and early primary age children of Christchurch for years to come so they grow to truly appreciate and value our wonderful natural taonga and planet, influencing the adults along this journey. We plan to develop several different workshops with themes such as smart recycling, water conservation, plastic reduction, carbon reduction, biodiversity etc. which would be available as follow up sessions. Following the visit from TOCK we will be specifically challenging schools / centres etc. to engage in positive environment action / steps and share these with us for the chance to win a prize for their school. As an example of how this legacy is working, we received an unsolicited message from a parent of one of the first schools we visited and they were so proud of their child still looking after the environment and reducing / sorting waste 1 year after the workshop. They just wanted to say "I thought you'd like to know that the impact it's had is amazing and how thankful we are that you've created such a great idea to share with young people, that WORKSâ€•</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The demand for TOCK has been amazing. In just 8 months we have successfully piloted in excess of our 1st year target, delivering 123 workshops to 3400 children across 77 schools/preschools, over 310 kaiako and approximately 6200 adults beyond the classroom. 96% of feedback was excellent/very good, 4% good and 0% negative. People are particularly appreciative of our use of NZ sign language, Te Reo Māori within the workshops. When schools discover that we have written the songs, written and illustrated the book, made a life-sized robot (now made from recycled Christchurch goods and with an added voice), developed the workshop and created the website, they are astounded as they think it is all something we have just bought in. We receive many comments from teachers regarding how amazed they are that their tamariki have been captivated and engaged for longer that they have ever seen. Examples from our post workshop feedback include "It is all amazing - the children's engagement is testament to this" and "June had 1-5yr olds captivated for the whole 45mins!". Our vision is to potentially reach the majority of Preschool, Early Primary aged children in the Christchurch region over the course of a further 3 years (based on an average of 2-3 schools/centres a week, with up to 4 classes per visit, during school term) in addition to a number of workshops in the community. I have been an early years educator both in centres and operating my own group for over 10 years. I have trained and attained qualifications in basic NZ sign language, Te Reo Māori and Tikanga, Nature Education and I am a qualified musician. I incorporate all these skills in the sessions.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Avon Ōtākaro Network</p> <p>Project: Implementation of the Edible Canterbury Schools Program</p> <p>Focus area: Waterways and water supply</p>	<p>Facilitate a 2022 world rivers day event for the Ōtākaro Avon River network, the event encompasses each member of the network to do a river clean up and riparian planting in their specific area followed by a shared BBQ and music event at a key site, i.e Kerrs Reach, Avondale park Dallington Landing to be decided) the lead up to the event will hold key messaging about the affects of Urban stormwater run off into the river and climate change.</p>	<p>2020/21 Red Zones Transformative Land Use Fund - \$19,500 2020/21 Red Zones Transformative Land Use Fund - \$27,500 2018/19 Innovation and Sustainability Fund \$25,010</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: Deliver 2 months of key messaging around stormwater and climate change affects on our rivers leading up to a World Rivers Day event in Sept 2022 where we facilitate our river care network to riparian plant and do a river clean followed by a shared event at a key central location</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$32,500</p> <p>Requested Amount: \$ 15,500</p> <p>Percentage requested: 47.6%</p> <p>Budget Summary:</p> <p>Event Management (Costs 120 hours) \$3,000 Website, design and social media development and marketing \$2,500 Main event BBQ Kai \$5,000 Entertainment and hire \$5,000 Total Costs \$15,500</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee declines this application with a recommendation to come to the first round of 2022</p> <p>Rationale for Staff Recommendation Staff recommend declining the application based on the following rationale:</p> <ul style="list-style-type: none"> World Rivers Day does not happen until the third week in September 2022. Worthwhile and would ultimately recommend a grant of \$5500 to pay for the event management, development of social media and messaging rather than food/ entertainment, but have sufficient reserves to pay for any costs that occur with respect to this project. 	3

<p>Organisation Details:</p> <p>Service Base: PO Box 26115, North Avon, CHRISTCHURCH 8148</p> <p>Legal Status: Incorporated Society</p> <p>Staff – Paid: 3</p> <p>Volunteers: 250</p> <p>Measurable – Proposed ways to measure and report</p> <ul style="list-style-type: none"> Deliver 2 months of key messaging leading up to the event on our website and social media engage 15 members of the Ōtākaro Network to participate in the clean up, plantings and main event hold an event for 1000 plus people to attend Plant at least 1500 plants collect 1 tonne of rubbish generate media exposure for the key messaging and the event capture before and after photos of the river banks and riparian plantings. Get feedback on the projects and gather opportunities for innovative ideas that Avon could help get off the ground 	<p>Relevance – How the project plans to advance on the Council’s climate change objectives.</p> <p>Our rivers and in particular the lower reaches of the Ōtākaro are already showing signs of the impact of climate change as well a serious damage from the urban abuse of our stormwater systems. By engaging the young people and local communities right from the streams to the lower reaches in education in a practical way with rubbish clean ups and riparian plantings we can instill a sense of responsibility to take better care of our stormwater systems and waterways. The main event is an opportunity for the members of our network and their whānau to come together in a positive way to celebrate the river and an opportunity to share our projects and innovative ideas for strengthening our resilience to the impacts of climate change.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>A large number of people will benefit from this event, each of our network members connects to the people involved in their projects or the community around them, the messaging leading up to the event will connect with the whole of Christchurch about the importance of protecting our stormwater systems and an opportunity to come along to the main event and get involved or just engage with the wide array of projects that are happening along the Ōtākaro Avon River including the upper reaches and streams. Each project or community group will be provided with plants to plant on the day which all goes to helping with reducing green house emissions.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The project is long lasting if we capture just a few people on the idea that we need to be mindful about what goes in our stormwater system, the riparian planting will leave a legacy for a lifetime for our river and it’s ecology and the main event is an opportunity educate, connect people together and with good messaging get people feeling positive that together we can all make small changes or steps that have great impact on a huge issue.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Avon Ōtākaro network have a proven track record of delivering projects and events both big and small to the stakeholders of the Ōtākaro Avon River corridor and wider CHCH community. World Rivers Day is at the end of Sept 2022 and we anticipate to start the messaging campaign and planning at least 3 months before the main event.</p> <p>We will coordinate the appropriate planting places with the CCC Parks team and source additional plants through a number of avenues. These will be distributed to the local project teams and neighbourhoods along with rubbish pickers and collection buckets.</p> <p>The main event will be held a central location with a number of local artists performing, shared kai and display boards of the projects that can be found along the river.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Bee Awesome Ltd / He Pt Mīharo</p> <p>Project: Bee Awesome Ltd / He Pt Mīharo</p> <p>Focus area: Biodiversity</p>	<p>Bee Awesome / He Pt Mīharo is a social enterprise passionate about bees and the environment that have created teaching resources for schools to learn about the importance of biodiversity, food security and sustainability.</p>	<p>2019/20 Round 1 Innovation and Sustainability - \$0 2019/20 Round 2 Innovation and Sustainability - \$0</p> <p>Other Sources of Funding We have received no funding or support from the council as we are in the early stages of our development.</p> <p>How Council funds will be used: Wages and resource development are the two main areas where the council funding will be utilised.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$72,970</p> <p>Requested Amount: \$ 27,181</p> <p>Percentage requested: 37%</p> <p>Budget Summary: Wages Facilitator \$22,000 Website Development \$1,681 Suits and H&S kits for children \$500 Hive Costs \$1,000 Resource Development \$2,000</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee declines the application from Bee Awesome.</p> <p>Rationale for Staff Recommendation Staff recommend declining the application based on the following rationale:</p> <ul style="list-style-type: none"> Loose alignment largely relating to education around biodiversity per se and the role of honey bee pollination for food production perhaps. Honey bees are an exotic species and do compete with native invertebrates so they don't have particular benefits for indigenous biodiversity, and planting bee friendly plants isn't necessarily a good ecological outcome as it can be contradictory to ecological 	<h1 style="font-size: 2em;">3</h1>
<p>Organisation Details: Service Base: 318 Stanmore Road Richmond Legal Status: Other Staff – Paid: Volunteers:</p> <p>Measurable – Proposed ways to measure and report Our Impact Tracker spreadsheet will include the number of; hives and honey extracted; participating schools and students, pollinator-friendly plantings and area saved from pesticide use and lawnmowing, biodiversity of plants and insects pollination improvements events & workshops, social media and website engagements donations.</p> <p>This will be available in the form of an infographic on our website at the end of our first Bee Season. Additionally, there will be photographic evidence on our website and facebook page of children enjoying the activities, whether it is; visiting the hive, planting bee-friendly plants or making beeswax wraps. We also hope to attract the attention of mainstream TV or papers. Our projected reach for the upcoming bee season is; 8 schools signed up, 200 students involved in our programme (estimated minimum), 8 local school communities impacted, 16 beehives set up, 960,000 bees protected (estimated minimum), 160 kilos of honey, 40 kilos of wax, 400 sqm of bee friendly plantings (1 sqm per student at school and 1 sqm at home),</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives. At Bee Awesome/ He Pt Mīharo we strongly believe that we are kaitiaki / guardians of our natural environment. We hope that by educating the young tamariki of Christchurch about the importance of biodiversity in relation to bees, that they will have a stronger connection to their local environment and community. We believe that if akonga are more aware of where their food is coming from then they will want to protect it, especially if they are responsible for a beehive and can extract their own honey from it. Learning about bees could be a good gateway topic into learning about other ways in which to reduce our environmental impact and help with climate change. Objective: 5 Encourage sustainable households and communities. 1) Bee Awesome will show students how they can grow Bee-friendly plants at home and their schools which will help support the sustainability of their own gardens through better pollination. 2) We will also show the students how they can make some of their own products from the honey and wax which promotes a sustainable mindset and not a reliance on the supermarket. Objective: 6 Support a resilient, low-carbon and competitive economy. 1) Bee Awesome will encourage the planting of Berms and drain/ stream banks which will provide more food and improve water quality for the bees. This will also decrease petrol and pesticide usage as the maintenance of grass and weeds will no longer be needed. Objective: 8 Encourage green and healthy places and spaces. 1) By introducing beehives into schools, especially those that already have some fruit trees and a vegetable garden, we are further promoting an already healthy space that will be enhanced by better pollination of the fruit trees and other vegetables that benefit from cross pollination, such as tomatoes. Objective: 9 Enhance local productive landscapes and the resilience of habitats and ecosystems. 1) Bee Awesome will show students how they can look after a hive and produce their own honey, all in a very small space. They will have a greater awareness of how their actions can benefit their local habitats which can affect the food that they can produce.</p> <p>Benefit – The nature and scale of the benefits to be delivered. Benefits for tamariki 1. Children will have a better understanding about the importance of biodiversity, especially in regards to bees. They will understand how important bees are to the pollination of over a third of our food crops. 2. Children will become empowered by making small changes in their community to help the bees by planting bee friendly plants. Their feeling of kaitiakitanga will be enriched through helping the bees. 3. Children will have a unique hands-on learning experience that will appeal to those non-academic students. For example; they will learn how to grow plants and look after a hive. 4. Students will extract the honey and wax from the hives which can be sold on or used to create other products that could be sold. This will give the students a greater sense of self-sufficiency. 5. The students will also improve their financial literacy skills, and encourage their entrepreneurial spirit, when they are selling their product as they'll have to price out ingredients and packaging and market their goods in their community. 6. Children will have a greater connection to nature and their local community as they explore a community garden closest to their school and home which will also increase their sense of wellbeing. Benefits for the bees, schools, communities, the council and the environment 1) There will be a greater diversity of plantings in the community for the bees to feed on which will strengthen the bee colony and hopefully reduce the chances of colony loss due to starvation or varroa over winter. 2) Stronger bee colonies will mean that there is a greater chance of crop pollination through-out the area. The school gardens and orchards will notice a greater yield of fruit on their trees. 3) Neighbours to the participating schools will also notice greater pollination of any fruit trees or vegetables that they may have. 4) There will be stronger connections between the primary schools visiting their local community garden groups, which can be predominantly made up of older people. 5) There will be less use of lawnmowers and pesticides if berms are planted with bee-friendly plants instead of grass. This will be a big cost-savings to the council, less noise pollution in the community and a healthier ecosystem in general.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits. The first bee season will be the most expensive for us in terms of setting up the sixteen beehives for the eight schools that have signed on with us. However, at the end of the season we will have the honey and beeswax products that the students will be taught how to produce. They will be sold through our website, Facebook page and through the school communities that join our programme. This will help make the following bee season financially sustainable and we will be able to bring on more schools. The bee colonies should get stronger and bigger with each subsequent season which will further support our financial sustainability end goal. As we grow, we will actively explore the possibility of a corporate sponsorship with a like-minded, aligned company. Once our social enterprise is up and thriving we will leave an amazing legacy for the city, that we hope will be copied around the country. Our legacy will be; 1) Students with a much greater knowledge about bees, biodiversity and the environment. They are financially literate and have a greater sense of community. 2) Schools with thriving gardens and orchards and a fun, hands-on programme to inspire non-academic students. 3) Communities that benefit from having more bees around and a nicer neighbourhood with more bee-friendly plantings. 4) A council with reduced costs due to lower pesticide and petrol use. 5) An environment with more diversity that is better able to withstand climate change. Deliverable – Experience, skills, support and resources secured to deliver the project. The two people that make up Bee Awesome / He Pt Mīharo, Hayley Guglietta and Lesley Davidson-Hurst, both have a vast range of combined skills and experience that will ensure the success of this venture. Hayley Guglietta is the director of this social enterprise and Akiva, her telecommunications company. She has a wealth of business knowledge from the more than 10 years of experience running her own company, but also from the numerous groups and foundations that she volunteers for. She was a founding member of the Richmond Community Gardens and is an integral part of Avon Ōtakaro, the Food Resilience Network, Christchurch Community Gardens, Orchards in schools and the Christchurch Envirohub. She has served in a variety of roles for all of these groups ranging from treasurer to Chairperson, so to say Hayley has the required skills and experience to make Bee Awesome / He Pt Mīharo successful would be an understatement. In addition to that Hayley is a qualified apiarist (APINZ L450) with hives in over six sites around Christchurch. Lesley Davidson-Hurst is an ESL teacher (MA with Merit in TESOL) with over 20 years experience and is as passionate about teaching as she is about the environment. The lessons that she has created are student centered and flexible to reflect the different levels of student ownership that each school may have. Te Reo is an important part of the programme and all key concepts and instructions are bilingual as much as possible. Lesley is also currently studying to become a qualified beekeeper at Landbased Training.</p>			

SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
Counterfactual Limited	<p>This project is seeking funding from Christchurch City Council to produce a total of 7 videos :</p> <ul style="list-style-type: none"> - 3 videos aimed at educating home owners, developers and building designers about carbon emissions, Lifecycle emissions, building materials and Data and calculation. - 4 tutorial videos aimed at educating designers on how to use the App called Actually™. <p>All videos will be free to view / download on our website and be uploaded to Youtube.</p> <p>Actually™ is a new web app tool under development for calculating a project's embodied carbon, cost to build and lifecycle performance.</p> <p>The Applicant clarified the following:</p> <p>Designed for the New Zealand building industry, Actually™ is an information synthesiser that uses data to calculate the full picture of a project: its embodied carbon and lifecycle carbon emissions, the cost to build and maintain it, and its predicted building performance. No other software offers this package. Actually™ creates the reports and cost breakdowns required to deliver the built outcome.</p>	<p>2020/21 Sustainability Fund Round 2 - \$0</p> <p>Other Sources of Funding</p> <p>How Council funds will be used:</p> <p>CCC funds will be used to employ Graphic Designers, Musicians, Audio engineers and video editors for the production of a series of 7 videos aimed at educating home owners, developers and building designers about carbon emissions and the Actually™ App, including training videos to enable new users to easily adopt the software for their projects.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$350,000</p> <p>Requested Amount: \$ 30,000</p> <p>Percentage requested: 8%</p> <p>Budget Summary:</p> <p>Income Contributions \$320,000 Total Income \$320,000</p> <p>Expenditure Privately funded development \$320,000 Video production and videos \$28,700 Report and analysis \$1,300 Total Expenditure: \$350,000</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee declines the application from Counterfactual Limited towards the production of 7 videos.</p> <p>Rationale for Staff Recommendation Staff recommend declining the application based on the following rationale:</p> <ul style="list-style-type: none"> The project meets the climate change objectives however it is a national project that does not have a direct or specific impact to the Christchurch area. 	3

<p>Organisation Details:</p> <p>Service Base: unit 17 / 42 Marriner St, Sumner, Christchurch 8081</p> <p>Legal Status: Limited Liability Company</p> <p>Staff – Paid:</p> <p>Volunteers:</p> <p>Measurable – Proposed ways to measure and report The Applicant proposes to track how many views each of the videos have had, in order to provide a broader picture on the public interest in meeting the Climate Change Carbon emission reductions.</p> <p>When completed, the App will also enable the measurement of carbon for each project.</p> <p>Versions of each project will record the progress in a design, tracking reductions as a designer works their way through a project. These reductions can also be measured to see what difference the software is making.</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>The Applicant wishes to reach the public and bring meaningful measurable change, that is why 7 videos are proposed to be free to view on Youtube.</p> <p>The project will propose to educate and demonstrate how we can reduce greenhouse gas emissions when designing a new building and help to meet the Christchurch City Council Climate change targets of more than 50 % Emissions reductions before 2030.</p> <p>This App / tool is still at the design/ development stage and is referred by the applicant, as a “product”.</p> <p>The purpose of this App is to provide a pathway to reduce carbon emissions at the design stage of a building.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>This proposal could be considered, as is a great response to meet the challenges of Climate Change by offering tangible free material: 3 educational videos to the public and 4 videos targeting professionals.</p> <p>The videos will be free to view, so anyone with an internet connection will be able to access them.</p> <p>Actually™ videos will educate and promote a transition to an innovative, low emission building economy, which is one of the CCC's targets for this fund.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The 7 Videos will be accessible and free for a period way longer than the funding Period.(as long as they stay active on the Youtube platform) these videos could reach a far wider audience than the App users.</p> <p>The applicant is aiming for high quality videos, and wants them to remain accessible, enjoyable and well communicated rather than purely functional.</p> <p>The videos will contribute to delivering the education and training we need to meet the Paris Agreements requirements.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Applicant has demonstrated that a skilled and experienced Team has been set up to produce the 7 proposed videos (Graphic designers, specialists in Web Development, and video editing etc)</p> <p>Details on the proposed videos as per follow:</p> <ul style="list-style-type: none"> Carbon emissions in buildings – explains the objective and time frame needed to reduce emissions (why we need to reduce emissions quickly) Lifecycle emissions and building materials – explains about material and the implication of making good choices (how we measure and why are some things good vs bad) The data and calculations – give background about the data for building trust in the approach to measuring and lowering emissions Short overview of Actually software (demonstrate there is a solution to the problem) User guide for Revit to Actually User guide for ArchiCAD to Actually How to use the App Actually <p>Some early concepts of the applicant visual approach have been provided with this application.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Everyone An Artist Trust</p> <p>Project: Climate literacy workshop for parents and kids and Earth Day art exhibition for youth</p> <p>Focus area: Biodiversity</p>	<p>Aim - improve the awareness of the importance of biodiversity and the impact of climate change within the community. Biodiversity loss, along with climate change, is one of the great global challenges of our time. Biodiversity has a proven record of engaging kids and students to take action to be more climate-literate. Kids and parents-led activities, facilitated by our facilitator, result in a better-informed family and local community about what they can do to make a positive change to biodiversity, so kids and parents, as a family group, will be more engaged in everyday activities regarding a bio-diversified earth planet.</p>	<p>Council Funding History</p> <p>2021/22 Creative Communities – Pending 2020/21 DRF Metro - \$5,000 2020/21 Community Activation - \$1,000</p> <p>Other Sources of Funding</p> <p>2021 \$35,000 Ministry of Social Development 2021 \$25,000 Office of Ethnic Communities 2021 \$10,000 Rātā (Pending)</p> <p>How Council funds will be used: The Council funds will be used to employ staff who will facilitate the whole project. Funds will be used to hire venues for workshops and exhibitions. Funds will be used to cover some artists fee and materials. The facilitator cost is covered with 20 hours per week (\$35 per hour), but the actual hours contributed to this project, based on the last year, were more than 60 hours per week. 40 hours of volunteering.</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$53,825</p> <p>Requested Amount: \$ 31,525</p> <p>Percentage requested: 58.5%</p> <p>Budget Summary:</p> <p>Wages \$28,000 (20 hours per week \$35 per hour 40 weeks) Mileage \$1,125 (average 150km per month) Filming equipment \$5,000 venue hire \$8,000 Filming & photographing \$2,000 Professional advice \$2,000 Administration cost \$3,000 Advertising \$3,000 Material \$1,500 Sundries \$200</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee declines the application from Everyone an Artist Trust towards raising awareness of climate change and promoting behaviour change.</p> <p>Rationale for Staff Recommendation Staff recommend declining based on the following rationale:</p> <ul style="list-style-type: none"> While there is overall benefit in raising awareness this application has minimal alignment to climate change objectives and targets. 	3

<p>Organisation Details: Service Base: 1 Hereford Street, the Arts Centre, Central Christchurch. Legal Status: Charitable Trust Staff – Paid: Volunteers:</p> <p>Measurable – Proposed ways to measure and report</p> <ul style="list-style-type: none"> 8 - 10 families (16 - 20 people) attending each workshop; At least one workshop per week; One field trip or art camp in each school holiday; More than 2,000 artwork submissions for the earth day exhibition (2,000 artworks submitted last year); Reflection reviews from kids and parents; Artwork collected and feed into the Everyone an Artist Trust's 'To make the world better' project; Artwork collected and exhibited onsite at the Arts Centre with an opening ceremony combined with children's drama/theatre play themed on biodiversity and climate change; Artwork collected and exhibited online on the Everyone an Artist Trust's online art gallery infinitely; Any media uptake and promotion will form part of the final report; Record and report on the volunteer and attendee hours resulting from the paid facilitator hours. 	<p>Relevance – How the project plans to advance on the Council's climate change objectives. Biodiversity is the living fabric of our planet. It underpins human wellbeing in the present and in the future, and its rapid decline threatens nature and people alike. According to reports released in 2018 by the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), the main global drivers of biodiversity loss are climate change, invasive species, over-exploitation of natural resources, and pollution. Biodiversity loss implies the reduction and disappearance of species and genetic diversity and the degradation of ecosystems. With more extremes in climatic issues, it is more important than ever for our kids and parents community to be aware of the importance of biodiversity. The actions the kids encourage their parents and their own school take, as well as the actions the parents encourage their kids and the wider community take, to protect the invasive species, sustainably use the natural resource, reduce pollution, and reduce the impact of climate change, are critical to reducing biodiversity loss.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>The kids and parents involved in this programme will deliver action and information (in forms of workshops, field trips with art camps, art exhibitions, etc) to their school, family, and local community aimed to reduce biodiversity loss and the impact of climate changes on the biodiversity of our planet earth. The workshops and art exhibition, as well as the actions and information, will be targeted and specific to their community's needs and interests. It has the added benefit of one part of the community advocating the rest of that community, which will contribute to an effective and sustainable cycle between parents and kids who are working towards a common goal. The level of community involvement usually has 8 - 10 families (at least one kid and one parent in a family) involving in one workshop, targeting more families according to different chosen topics. It always involves the local parenting connect group, plunket, school environment, and their whanau. In addition, it often involves reaching out to their local community to communicate with them about biodiversity and how climate change and their impacts on biodiversity loss. The scale is at the city centre, cross suburbs, and nature level, as the workshop and exhibition are delivered at the Arts Centre and through the parents and kids community, and the corresponding field trips and art camps are delivered in the natural environment.</p> <p>Things will improve Christchurch by: The local community having:</p> <ul style="list-style-type: none"> A reasonable backup activity and source to care about and take action for climate change to protect the biodiversity and reduce biodiversity loss. A greater understanding of what climate literacy means and its impact on biodiversity. Wider knowledge of climate literacy and biodiversity, and the actions that the families (kids and parents) can do to reduce biodiversity loss and climate change: Reduce pollution and waste, protect natural resources, protect invasive species. Diversified plantings on private as well as public land. Knowledge of harmful plants that threaten local species, such as lupin which reduces the availability of foraging areas in shallow water for these threatened birds and increases the risk of predation for native birds, lizards, etc. Reduced vehicle use, pollution, and alternative vehicle use. Sustainable natural resources and upgraded ecosystems. Endangered species will be here for future generations and hopefully no longer biodiversity loss. A planted seed of protecting the environment, reducing climate change and biodiversity loss in all individuals' hearts. 	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>In this project, what we do is to take kids and parents (as a family group) on a cycle of learning and action. In some families, parents often begin unconsciously unaware of the situation and problem while kids often tend to be more aware of the situation and problem that the environment is facing, because of school setting input. On the contrary, kids in some families may not be so aware of these problems as well as their parents do because these parents have a greater knowledge of climate change based on their life and/or work experience. Therefore, we fill that knowledge gap with workshops, presentation, field trips, art camps and their investigations in the wider nature. Furthermore, we train the facilitator to lead a number of climate literacy sessions combined with art creation, films, videos, to engage kids and parent in the process. We encourage the participating families to collaboratively work on an art creation themed on biodiversity, earth planet, climate change, etc. In this case, kids and parents become conscious of the problems as we facilitate them through the process of what is good for the ecosystem and the biodiversity and what is not. Next implicitly kids and parents want to be engaged. Hence, they come up with ideas of actions for themselves and for others to take. They may ask for help and ask questions to develop and take an action on their own. Gradually, they identify and solve the problem. At all times kids and parents are supported so they know it's important to take their responsibilities. Finally, from the artworks created by the kids and their parents, we reflect on what has changed for them. Collectively, reinforcing the climate literacy and biodiversity action in their weekends and school holidays and facilitating them to make a difference to the environment in their own community. The workshops give the kids and parents the knowledge and experience that they can use to make a difference and know how to have a go with it in their everyday lives. The parenting connect group is unlikely to conduct the workshops and art exhibitions on their own, as they are unable to carry on the implementation without the support, skills and leadership of our facilitator, especially they lack the artists' professionalism, specific knowledge of biodiversity and climate literacy. The parents and the staff in the parenting connect group simply do not have the time, resources, knowledge or experience to conduct the action and deliver the information. This is backed up by lots of conversations and meetings with the representatives from the parenting connect group. Our project has many enduring benefits through the strong and inspiring educational component to our project that is backed up with action. And are often disseminated to the local wider community e.g. artworks about biodiversity, climate change, environment, earth day created by kids and parents with the professional guidance of artists will be exhibited at the Arts Centre of Christchurch for the wider community to appreciate, as well as everlasting online legacy on the online gallery of the website of the Everyone an Artist Trust. This project exposes our children and young people, as well as their parents and families to native and invasive species and their ecosystems. It ignites enthusiasm in subjects that would likely lead them to future careers in a relevant field.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Earth Day art exhibition for youth in Christchurch New Zealand was originally proposed by the founder and director of Everyone an Artist Trust. It has been successfully held and organized for two years since 2020 by the current coordinator and curator and is ready to be done again in April 2022. The workshops for kids were targeting different topics (e.g., it focused on the Earth in 2020 and it focused on 'Value every drop of water' in 2021). The topic of the workshops is about biodiversity and climate literacy in 2022. All presentations and Health and Safety Plans are complete and all resources of the Earth Day Network (biodiversity and climate literacy package) can be used for the workshop. We collaboratively work with parenting connecting groups and community organizations, with their presence at all sessions. Everyone an Artist Trust will be police vetted and will adhere to the required policy for the protection of young and vulnerable people. There are more than 300 artists in the culture and arts association who are happy to contribute if needed. There are hundreds of families in the parenting connect group who are eager to participate in kids and parents-led activities focusing on climate change, environmental protection, biodiversity-ecosystem. The current facilitator has established knowledge of climate literacy and related activities, good rapport within the community, and with the local government to facilitate city-wide programmes. We work with the Plunket, Asian Parenting Connect Group, The Christchurch Arts Centre, New Zealand-China Union of Culture and Arts, Christchurch Envirohub, Earth Day Network in the USA, Christchurch City Council, the Ministry of Social Development, the Ministry of Ethnic Communities, and the Solace Media.</p>
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Limitless Charitable Trust</p> <p>Project: Limitless Online & Limitless Conference Development and Delivery</p> <p>Focus area: Community</p>	<p>Limitless Online is a new resource, developed in 2020 with the intention of equipping young people for greater agency over their pathways to work. It is a modular course with materials that can be delivered through schools for students to engage with the topic of their career pathways. The Limitless Conference is a flagship event for Year 10 students. The programmes will equip young people to engage in their career pathways in a new way, developing self awareness of strengths and skills, considering the challenges we see in the world and making connections between these to consider meaningful work pathways.</p>	<p>2018/19 Innovation and Sustainability Fund - \$10,000 2017/18 Innovation and Sustainability Fund - \$10,000</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used:</p> <ul style="list-style-type: none"> Salaries Conference costs (venue, catering, Speakers and facilitators, materials, Strengths finder codes) Resource and software costs (development and subscriptions) <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$82,300</p> <p>Requested Amount: \$ 20,000</p> <p>Percentage requested: 24%</p> <p>Budget Summary: Limitless online \$50,000 Limitless Conference \$32,000</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee declines the application from Limitless Charitable Trust towards Limitless Online & Limitless Conference Development and Delivery</p> <p>Rationale for Staff Recommendation Staff recommend declining based on the following rationale:</p> <ul style="list-style-type: none"> This project has minimal alignment to climate change objectives and targets. 	3

<p>Organisation Details:</p> <p>Service Base: C/O Saltworks, 4 Ash Street, Christchurch Central, Christchurch 8011</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid: 0</p> <p>Volunteers: 1</p> <p>Measurable – Proposed ways to measure and report Evaluating the impact of programmes is a key priority for this group.</p> <p>To report on outcomes from this project they will report on :</p> <ol style="list-style-type: none"> Self reported increases in confidence, awareness or understanding in the topics we cover. Anecdotal feedback from students participating in the Limitless Online course. Anecdotal feedback from school leads facilitating their groups' participation in the Limitless Online course. Numbers of engagement in our programmes, and a couple of case studies drawn together from working with schools. <p>This information will be collected through:</p> <ul style="list-style-type: none"> Surveys included in some Limitless Online Modules, and/or before and after the Limitless Conference. Eliciting feedback from the school leads that help facilitate the course. 	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>The generation of young people in high school today hold a strong awareness of the challenges climate change presents. They are stepping up to make impact in this space. Limitless are about equipping young people for their future career pathways. Empowering young New Zealanders for career decisions they can make with confidence, and utilising their unique strengths and skills is important. By better equipping young people for their career pathways, and creating space for them to consider their decisions within the context of the challenges they see, can help affect change and enable more young people go on to meaningful work that harnesses what they bring to make real world impact.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Limitless Online, created in mid 2020 has now reached 243 students. Limitless are working to grow the reach of the course, and over the period this funding application is for, will look to increase their school customer base and reach more young people from all kinds of schools throughout Christchurch and beyond (reaching out to State, Private, Character, Homeschool and Kura Kaupapa Māori schools).</p> <p>The first Limitless Conference was in 2016, and this programme reached 730 students from 32 schools throughout Christchurch, Canterbury and the West Coast. In 2022, another programme of this kind reaching at least 200 more students, will be held in Greater Christchurch.</p> <p>Limitless aims to reach a minimum of 600 students from throughout Greater Christchurch with Limitless Online and/or the Limitless Conference. The likely scenario is that 400 of these students engage with Limitless Online, and 200 with the Limitless Conference.</p> <p>The connections made with schools over this time, building relationships help to continue to make impact into the future for Limitless. Now that there is a new resource in Limitless Online, this is an important time to build momentum back after a quieter couple of years for this group, in 2019 and 2020.</p> <p>As a Charitable Trust with a social purpose, this group feels it is important to be able to make the programme accessible for all young people who would wish to engage with it. Funding support would help to cover costs as subsidised tickets to the Limitless Conference for all attendees are available, and Limitless will continue to seek free of cost scholarships that lower a financial barrier to entry where needed - for both the Limitless Conference and Limitless Online.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <ol style="list-style-type: none"> Limitless is an organisation with an established network of supporters, effective governance and the experience to deliver programmes well. The new relationships with the schools are relationships we can nurture and go on to contact them in following years to run programmes for new cohorts. The funding support will also help Limitless grow in momentum and team / internal growth that can also support further impact for future. <p>Limitless intentionally equips young people with frameworks they can use - i.e. goal setting frameworks, values exploration frameworks, wellbeing tools and more - so that these practical learnings and frameworks can be taken away and applied on an ongoing basis where they so wish.</p> <p>In the future limitless may also look at creating a Year 11 programme that students who have participated in the Year 10 programme can engage with, continuing the impact and supporting them to continue to apply their learnings to their lives - further increasing the reach of the legacy of our projects.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Limitless Charitable Trust was founded in 2016, with the aim to equip young New Zealanders to lead lives of passion and purpose. Over the last five years, they have worked on and developed resources and programmes such as the Limitless Conference, our Limitless Online Portal, Limitless Online modules, Reflection Journals and more. They have delivered the Limitless Conference to 730 students from 32 schools throughout Christchurch and Canterbury, and the Limitless Online course to 243 students from seven schools so far.</p> <ul style="list-style-type: none"> have a strong governance team, a wide network of Limitless supporters and community who lend their finances, time, expertise and knowledge to help us deliver and make impact. have meaningful impact measurement processes in place that help to assess areas for focus and development, and to best understand the positive effects we are having. have software in place such as Xero, and internal systems that help the team manage time as a resource well. for both events and online programmes, have practices in place that help create a space of supported wellbeing for attendees. A couple of examples include 'Wellbeing Pauses' in online modules with suggestions for activities participants could engage in if they would like to take a break. Also, establishing a 'Wellbeing Space' at the Limitless Conference as a 'chill space' if student/s want to take a moment away from the larger group, with wellbeing professionals present (i.e. these may be youthworkers, social workers or counsellors capable of having supportive conversations where needed). have high standards as to the quality and contents of programmes, and work hard to create meaningful and well researched topic content; often engaging with collaborators to develop new topic content. have content modules, a platform and associated resources ready to continue to be rolled out with Limitless Online. In the current environment with Covid-19 lockdowns and/or restrictions likely in the next 12 months, Limitless Online can be delivered remotely and we can draw from experience to set solid plans in place for what to do if not in Level 1 to run the Limitless Conference.
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SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Passive House Institute New Zealand</p> <p>Project: Increasing the number of Passive House professionals in Christchurch</p> <p>Focus area: Homes and buildings</p>	<p>This project is seeking funding from Christchurch City Council to increase the number of Passive House professionals in Christchurch, in order to design and build buildings (not just homes) now, that meet the Paris Agreements requirements expected in 2030 for new build.</p> <p>The Building for Climate Change programs required by 2030 for new buildings to have an operational energy use of less than 15KW/m2/DC/YEAR, which is, actually, one of the mandatory criteria required by the Passive House Standards. The Passive House certification is a very rigorous Standard.</p> <p><u>The applicant has confirmed the following:</u></p> <ul style="list-style-type: none"> - Māori and Pasifika designers will be prioritized, in the interest of growing knowledge in these communities. - Candidates would need to outline their interest and experience in designing or constructing energy-efficient buildings, outline why they wish to complete the course, and indicate how they would then use the knowledge for the benefit of the local community. - Each delegate gives a short talk on the benefits of Passive House to a local group, following the course: a school, community centre, workplace, and speaks about their work in the community. - The Passive House Institute will also present a talk to the local community about the benefits of building to the Passive House standard and current examples of success. <p>It is believed that Christchurch could benefit significantly by having more qualified professionals to design and build buildings that already meet the energy performance standards that will be required in 10 years time.</p>	<p>NA</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: The funding will be used to cover the costs of selected Christchurch-based architects, designers, tradespeople and other professionals to attend the Passive House courses (held in Christchurch) and become certified Passive House professionals.</p> <p>This will lead to more Passive House buildings in Christchurch. Buildings that meet the challenge of Climate Change.</p> <p>Note: Passive House is a rigorous and proven method of design and build resulting in highly energy efficient, low carbon healthy buildings. (what we need, for where we need to be in 2030 and 2050 with the Net Zero NZ carbon Act.)</p> <p>Will the project proceed without Council funding: No.</p>	<p>Total Cost: \$125,984</p> <p>Requested Amount: \$ 74,242</p> <p>Percentage requested: 58%</p> <p>Budget Summary:</p> <p>Introductory Course \$45,080 Designer/Consultant Course \$47,292 Tradesperson's Course \$33,612</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee decline the application from Passive House Institute New Zealand.</p> <p>Rationale for Staff Recommendation Staff recommend declines the application based on the following rationale:</p> <ul style="list-style-type: none"> • While there are potential flow on affects from having more certified passive house designers in the city funding will have direct benefit to a small number of individuals. 	<p>3</p>

Organisation Details:	Relevance – How the project plans to advance on the Council's climate change objectives.	Legacy – How the project will deliver ongoing or lasting benefits.
<p>Service Base: 30 Ocean Breeze Drive, Waihi Beach, 3611</p> <p>Legal Status: Charitable Trust</p> <p>Staff – Paid: unknown</p> <p>Volunteers: unknown</p> <p>Measurable – Proposed ways to measure and report: <u>The applicant proposes to :</u></p> <ul style="list-style-type: none"> - Train 14 local professionals to become Certified Passive House designers. (Live and / or work in Christchurch.) Māori and Pasifika applications will be prioritized, in the interest of growing knowledge in these communities. - Keep track of the new PH designers interaction's with their communities. - Increase in the number of Passive House buildings designed and built in Christchurch year on year. (keep records with the Certifications) 	<p>Buildings are a powerful lever to reduce energy-related emissions.</p> <p>The majority of emissions from buildings are in the energy use during the lifetime of the building. Public electricity and heat production contributes nearly 10% of our CO2 emissions and 55% of the electricity is used in operating buildings.</p> <p>Passive House buildings maintain optimum comfort in all the varied climates of Aotearoa NZ while only reducing the heating energy by 80 to 90% compared to a building built to the current Building Code. Which means the GreenHouse Gas emissions associated with the energy consumption will also be reduced by 80 to 90%, (close to carbon neutral) which is what the CCC is encouraging to achieve with this fund.</p> <p>Passive House Standards buildings already meet some of the requirements from the NZ Building for Climate Change programs in 2030.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>The Christchurch Community could benefit from more certified Passive House professionals to deliver efficient low carbon buildings, including hospitals, schools, early childhood centres, retirement accommodation.</p> <p>All occupants of these future Passive House buildings will enjoy thermal comfort, a high level of indoor air quality, and a lack of damp and mould. The energy cost to run these buildings will also be minimal.</p> <p>The benefits will also target communities that will suffer the most from the Climate Change effects, reducing the carbon emissions to nearly 0 with low energy bills (operational carbon emissions)</p>	<p>Having more certified Passive House professionals based in Christchurch will provide the city with the ability to plan, design, build and certify more Passive House buildings.</p> <p>The applicant would like to draw the attention to the Bushland Park project - currently 11 Passive House houses and land packages are under construction there. The Queenstown Lakes area is currently rebuilding the Luggate Community Hall to Passive House standard, and once complete this will be accessible and usable for the whole community to enjoy the comfort and benefits of Passive House. Dunedin is currently building retirement accommodation to Passive House standard.</p> <p>More Passive House buildings mean healthier and energy efficient buildings - therefore advancing the Council's climate change objectives through the operational efficiency of new buildings.</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>The Passive House Academy New Zealand, a project of PHINZ, successfully runs a number of introductory, designer / consultant and tradespersons' courses each year. They also have working relationships with other trainers in New Zealand who are able to deliver training. The exam for the designer / consultant and tradesperson's course is accessed through the Passive House Institute in Germany, of which they are an affiliate.</p> <p>Once funding is secured it is a matter of setting a date and venue and inviting professionals to attend these courses (2022)</p> <p>They would propose to run an application process for attendance on the courses.</p> <p>The opportunity would be advertised through their own database and social media channels.</p> <p>Candidates would need to live and / or work in Christchurch. They would need to outline their interest and experience in designing or constructing energy-efficient buildings, outline why they wish to complete the course, and indicate how they would then use the knowledge for the benefit of the local community.</p> <p>If there is oversubscription with applicants for the course, the PHINZ Board would select based on the merit of the applications.</p>

SUSTAINABILITY FUND DECISION MATRIX

Organisation Name	Overview – Project purpose, issue or opportunity.	Council Funding History	Budget	Staff Recommendation	Priority
<p>Maiden Construction</p> <p>Project: Mark Fahey</p> <p>Focus area: Waste</p>	<p>We have developed a new product that effectively enables the removal and recycling of millions of cubic metres of EPS from the waste stream. The product is now ready for launch but requires some further funding to enable certification to give the scale required to make this viable. The product is called Axion Block. It is a lightweight veneer cladding and utilises waste EPS Plastic as an aggregate. This product will single handedly have a world changing impact on the amount of EPS waste going to Christchurch landfills as the product requires as much EPS waste as possible.</p>	<p>NA</p> <p>Other Sources of Funding NA</p> <p>How Council funds will be used: Council funds will be used exclusively to help Axion Block achieve Code-Mark / BRANZ Appraised status. Without this important accreditation Axion Block will not be adopted / specified by industry and in doing so will not become a realized product. As previously mentioned the 'donkey work' on this exciting product and over \$300,000 in R&D have already been executed. Axion Block is incredibly close to coming to fruition and with a (relatively) small amount of grant funding from the Council to gain Branz Code - Mark, Axion Block will become a reality</p> <p>Will the project proceed without Council funding: Yes</p>	<p>Total Cost: \$64,000</p> <p>Requested Amount: \$ 34,000</p> <p>Percentage requested: 53%</p> <p>Budget Summary: B1 – Structure – Review of supplied compliance evidence; Brick Tie Testing – assessment of the performance of a 'standard' brick tie (likely to be a BRANZ Appraised tie) in the ISOMAT MAK-BLOCK mortar product; BRANZ Structures opinion to support Appraisal; \$10,000.00 B2 Durability – Review of component materials/specifications, formulations and in-service conditions; \$4,000.00 E2 External Moisture – BRANZ EM4 testing of render coating on Axion substrate; \$ 16,000.00 BRANZ Weathertightness opinion to support Appraisal and review of installation detailing; \$5,000.00 F2 Hazardous Building Materials Included Completion of Appraisal – technical literature review, project and contract management, Appraisal production, compliance folder, site inspections of installations, incoming materials audit @ Maiden Group; \$29,000.00 TOTAL \$ 64,000.00</p>	<p>\$0</p> <p>That the Sustainability and Community Resilience Committee decline the application from Maiden Construction.</p> <p>Rationale for Staff Recommendation Staff recommend declining the application based on the following rationale:</p> <p><i>Nb. this funding request was also declined by the latest CWJC fund, for the below rationale as well.</i></p> <ul style="list-style-type: none"> The mixing of two products (one recyclable and one a problem plastic) is temporary waste avoidance and ultimately the waste will be disposed to landfill. Encapsulation of EPS does not lead to waste avoidance in the long term. Reuse and recycling options for concrete are made more difficult once EPS is comingled (along with a chemical additive), contradicting circular economy principles. As noted in the application, there will still be a lot of EPS packaging in the marketplace despite governmental action to reduce this. However co-mingling into usable products, to reduce the amount in the waste stream for a private business, is problematic for the Sustainability Fund, when councils are already struggling to find solutions for hard to recycle products that are multi-media materials. The project also noted that it will proceed without council funding. While there are advantages described in the application in regards to a solution for EPS currently, and in terms of creating a unique and useful building material, this application is not recommended for sustainability funding for the above rationale. It is recommended that the committee provide feedback especially around this practice limiting the reuse and recyclability of the end product. 	4

<p>Organisation Details:</p> <p>Service Base: 10 Settlers Crescent Ferrymead</p> <p>Legal Status: Limited Liability Company</p> <p>Staff – Paid: Volunteers:</p>	<p>Relevance – How the project plans to advance on the Council's climate change objectives.</p> <p>Axion Block aligns strongly with the Christchurch City Councils climate change targets. To highlight this more clearly, here is how Axion Block parallels the following CCC proposed programmes as part of the Otautahi Christchurch Climate Resilience Strategy -</p> <p>* CCC Programme 6 Economic Transformation: Axion Block is an exciting new innovation that bring wit it the ability to reduce emissions (through repurposing EPS as opposed to freighting it long distances including overseas for disposal)</p> <p>* CCC Programme 8 Energy Efficient Homes: Axion Block increases efficiencies by improving modern homes with a product that has huge environmental impacts</p> <p>* CCC Programme 9 Towards Zero Waste: Axion Block truly does maximize recycling of a toxic material that not only is infecting landfills but waterways with a devastating carbon footprint.</p> <p>Benefit – The nature and scale of the benefits to be delivered.</p> <p>Once up to scale, the on-going demand for waste EPS plastic for the project will be truly enormous - every available amount of EPS plastic will be required from the waste stream. As you can image the impact of this is almost incomprehensible as it can single handedly resolve the EPS waste issue with the added benefits of reducing carbon foot prints for the disposal of the material.</p>	<p>Legacy – How the project will deliver ongoing or lasting benefits.</p> <p>The small amount of funding that we are seeking has the ability to make a level of change that's hard to describe, immediately and in the future for many years. Once certification is gained and the project is able to scale up, the demand for EPS will be such that as long as there is product otherwise headed to landfill, the operation will continue. With projections of at least a decade until all EPS is eliminated from the waste stream the longevity of the project will extend to over 10 years of benefits if not longer</p> <p>Deliverable – Experience, skills, support and resources secured to deliver the project.</p> <p>Maiden Group has been developing the product for over 5(five) years and has invested hundreds of thousands of dollars into it. This should settle any doubt that we do know everything there is to know about this wonderful product. We have effectively invented it locally. As part of the at process the product has been stringently laboratory and geo-technically tested to qualify every aspect, reinforcing our belief and understandings of it. The milestones that we have projected are an easy metric to gauge as we are'all but there' as far the launch of he product, given the amount of time we have spent developing it</p>
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