

Attachment B

**Not Recommended for Funding
Round Two 2021/22 Environmental
Performance
Innovation Grant Program**

Environmental Performance Grants – Innovation – Round 2 2021/22

Not Recommended for Funding

Organisation Name	Project Name	Project Description	\$ Amount Requested
Chase The Zebra Pty. Ltd.	Social Housing Electrification Feasibility	A feasibility study to evaluate options for building emission reduction with low cost renewable energy to help create a just transition for community housing residents to access rooftop solar.	\$12,333
Circular Centre Pty Ltd	Circular Schools	A demonstration project to develop an educational plan for primary school aged students about the circular economy and provide a circular textile waste service for school uniforms to offset emissions.	\$77,185
Emily Symes	EKOLUV Collective	A demonstration project to develop a peer to peer platform to rent, sell, swap and gift clothing, extending textile lifecycles, and facilitating the community to engage in the circular economy.	\$80,000
Envirospears Pty Ltd	EnviroSPEARS: Remediation of Persistent Organic Pollutant Contamination in Sediment Systems	A feasibility study to investigate opportunities and technologies to remediate water bodies by removing highly toxic contaminants in a non-intrusive, sustainable manner.	\$12,000
Forward Thinking Design Pty Ltd	Interior Fitout Circular Economy (IFCE) Digital Application	A demonstration project to develop an asset management and logistics digital application that makes user-friendly the process of applying a circular economy approach to interior fit out design, construction and de-fit.	\$80,000
Gamma Gurus Pty Ltd	Captured and Recycled Waste Anaesthetic Gases	A demonstration project to create a complete circular economic model for waste anaesthetic gas that is currently vented into the atmosphere during surgical procedures at St Vincents Hospital Public Campus.	\$30,000
Grimshaw Architects Pty Ltd	Microfarm - Integrated Vertical Farming	A demonstration project to develop a functioning prototype of a vertical urban hydroponic farm designed to fully integrate with Sydney's buildings and foster the connection between humans and nature.	\$78,000

Organisation Name	Project Name	Project Description	\$ Amount Requested
Hydropoint Pty Limited	Smart Water Kiosk	A demonstration project to install Smart Water Kiosks around the inner city, providing an alternative to single use plastic and recording a real-time "plastic bottles saved" count for public engagement.	\$80,000
Hyyro Technologies Pty Ltd	Hyyro: An "Enviro-rental" Platform Supporting the City of Sydney's Circular Economy	A demonstration project to increase uptake of Hyyro, a community-driven, peer-to-peer, rental platform to enhance circular economy knowledge sharing and reduce waste in the City of Sydney local area.	\$65,000
Inflexion Point Capital Pty Ltd	EVmatch	A feasibility study to develop a digital platform with a database, comparison tool, calculator, community hub and general information designed to increase electronic vehicle uptake in Australia.	\$20,000
Litter Research Australia Pty Ltd	Sydney Events Litter Analysis, Education & Reduction Project	A demonstration project to examine litter produced at six City of Sydney events, and develop education and a digital tool kit to reduce litter and move towards zero waste events.	\$59,350
Netnada Pty Ltd	Carbon Neutral Sydney Businesses with NetNada	A feasibility project to develop artificial intelligence that can produce life cycle assessments for Sydney small and medium-sized enterprises most common products and services and reduce emissions.	\$20,000
Re.turn It (queanbeyan) Pty Ltd	Smart Bin Network	A demonstration project to develop a network of smart recycling bins to provide data on waste, increase the uptake and efficiency of recycling and participation in the Container Deposit Scheme.	\$80,000
S Cohen & Q.a Seo	Second Edition Deconstruction	A feasibility study to research sustainable methods for deconstruction and reuse of building materials as an alternative to demolition looking at terrace housing, community and civic buildings and retail tenancies.	\$20,000
Sydney Institute Of Marine Science	Developing End-of-Pipe Bioremediation for Stormwater Pollution	A demonstration project to reintroduce sediment burrowing animals into Sydney Harbour to help remediate sediments, kick-start sediment remediation and support biodiversity recovery.	\$79,682
Sydney Institute Of Marine Science	Enhancing Urban Stormwater Treatment	A feasibility study to investigate whether stormwater treatment can be improved through enhanced natural processes using bioaugmentation, removing pollutants such as dissolved nutrients, organics or metals from waterways.	\$20,000

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Systra Scott Lister Australia Pty Ltd	Cyclops	A feasibility study to develop a standalone tool for planners to design and assess the feasibility of cycling infrastructure development, visualise prior safety incidents, rider demand, and current network data.	\$20,000
University of New South Wales	Insulating Concrete Sandwich Panels	A demonstration project to investigate the performance of concrete sandwich panels, an insulation foam that is sandwiched between two concrete layers and provide an energy-efficient and sustainable form of construction.	\$76,000
University of Technology Sydney	Carbon-capturing Architectural Bricks and Tiles	A demonstration project to test novel carbon-capturing, smart building products that will support the cement materials industry to move towards a circular economy and create sustainable CO2 capture solutions.	\$79,955
University of Technology Sydney	Smart Green Walls	A demonstration project to test the feasibility of smart green walls, combining sensors, robotics and building management systems to maintain and reduce costs of traditional green wall maintenance.	\$80,000
Virtual Buildings Information System Pty Ltd	Low Cost Big Data, AI and Digital Twins Reducing Carbon Emissions in Central Chilled Water Plants Suitable for B-grade Buildings and Larger	A demonstration project to deliver a scalable resource efficiency tool for central water plants and develop real time three-dimensional analysis in order to reduce carbon emissions and increasing plant efficiency.	\$38,950