



CLIMATE**KIC**
Australia

Impact

2022-23

Welcome

This year has seen a momentous shift in the climate landscape globally and within Australia. With Australia committing to new, more ambitious emissions targets and pushing to take a leadership position at COP31, there is renewed optimism and fertility around ambitious climate projects.

On the other side of the coin, as we emerge from a winter in which record high temperatures were set in Sydney, Melbourne and Hobart and prepare ourselves for a significant bushfire season, the task before us pulls into ever clearer focus.

The time for tinkering at the margins is well and truly over. What is needed is transformational, systemic change.

As Climate-KIC Australia enters its sixth year of operation, we move into a new strategic period, as defined in our 2022-25 Strategy Climate Action through Systems Innovation. The focus of this strategy is harnessing opportunities to scale our impact. In it, we explicitly step into our role as the orchestrator of the collaborations that are necessary to reshape systems to deliver transformational climate impact.

To reflect our evolution and maturing position, we unveiled a refreshed brand identity late in 2022 that places systems, innovation, and collaboration at its core, echoing our dedication to addressing climate challenges through interconnected solutions.

It is encouraging that we are not alone in our ambition, and have found many collaborators willing to engage with our approach to delivering impact. Our vast collaboration network has worked with us to deliver over 25 projects since our inception. In this report, we are proud to present some of our most ambitious projects to date.

As we look ahead to 2024, we continue to explore new collaborations, new project designs and new ways of working, grounded in learning by doing, to propel us forward and scale our impact. We look forward to expanding and deepening our collaboration network, and together meeting the challenge of climate change as we work towards a climate positive, regenerative and thriving Australia for all.



Dominic McGann
Chairperson
Climate-KIC Australia



Christopher Lee
CEO
Climate-KIC Australia

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'2022-23 highlights

This year was characterised by a sharpening of focus – around doing systems innovation, around acting on levers of change, around scaling our impact.

This focus was formalised through our new strategy, **Climate Action through Systems Innovation**. This sets the stage for our approach to climate action until 2025, with a renewed mission to inspire and enable climate action through systems change. This strategy acknowledges the growing demand for coordinated climate efforts to address the urgency of the global climate crisis.

The strategy emphasises the importance of coordinated collaborative efforts to act on systems to achieve sustainable climate impact. It underlines our role as orchestrator of complex collaborations that drive transformative systems innovation. It also places at its heart our systems innovation framework, which provides the scaffolding for working together on systems in a structured and methodical way.

On the back of releasing our new strategy, Climate-KIC Australia celebrated its fifth anniversary in November 2022. This event served as both a celebration and a reflection on the progress made during the past five years. In a world marked by escalating climate-related disasters and geopolitical instability, it was evident that collaboration and innovation have been the driving forces behind impactful change.

The celebration reaffirmed Climate-KIC Australia's commitment to a systems innovation approach, grounded in learning by

doing. As we move forward, the organisation's focus remains on effectively transforming systems at scale, with gratitude for the trust and support of our collaboration network.

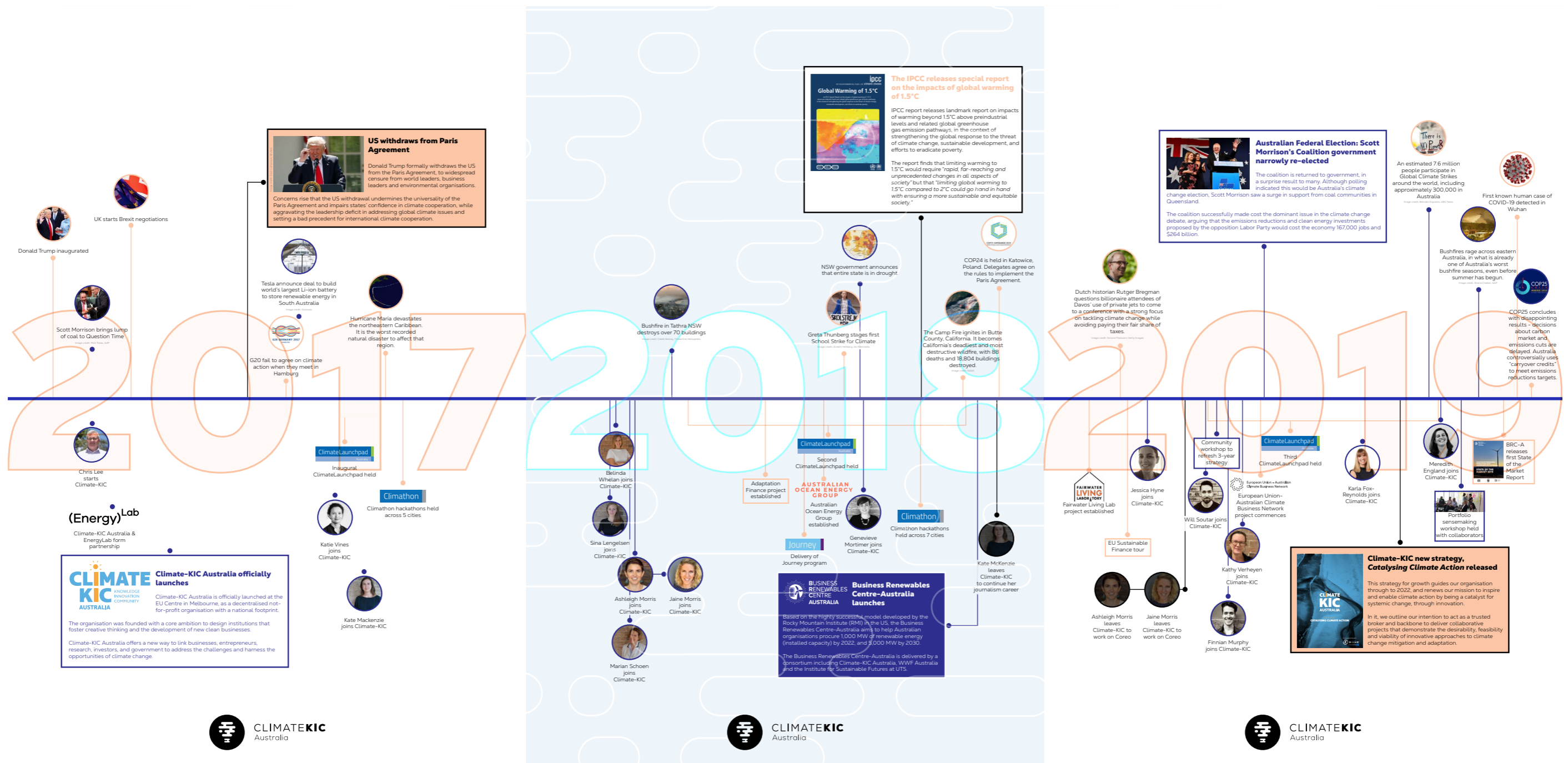
The year was also marked by project launches such as Climate-Kickstarter that significantly increased the impact potential of our portfolio.

In February 2023, Climate-KIC and several universities worked together on establishment activities to support the formal launch of the NSW Decarbonisation Innovation Hub. This initiative is designed to mobilise capital, industry expertise, and talent to expedite decarbonisation in New South Wales across three key networks, electrification and energy systems, sustainable primary industries, and the development of sustainable power fuels including hydrogen. The aim is to coordinate and align efforts across sectors, driving change and innovation to decarbonise New South Wales effectively.

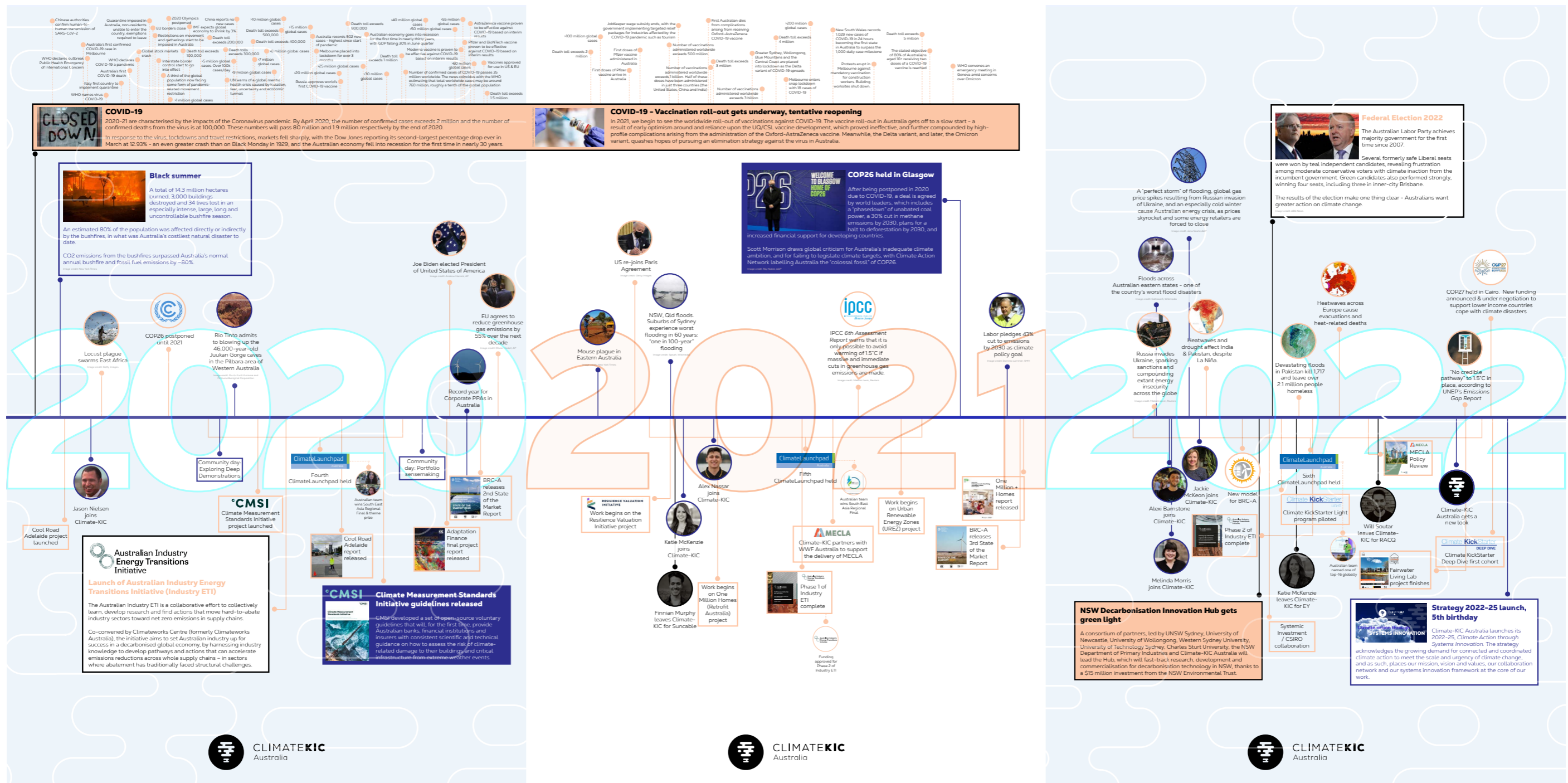
Our 2022-2023 highlights reflect the power of collaboration, innovation, and working across systems to catalyse meaningful climate impact.

As we look to the future, the focus remains on building new collaborative projects and portfolios, diversifying and solidifying our collaboration network, and mainstreaming systems innovation processes throughout our portfolio. Guiding all our activities and collaborations is our vision for a climate positive, resilient, regenerative and thriving Australia for all.

FIVE YEARS OF CLIMATE-KIC AUSTRALIA



FIVE YEARS OF CLIMATE-KIC AUSTRALIA



About us

Climate-KIC Australia is a knowledge and innovation community established in 2017. We are an independent, not-for-profit organisation that links research, business, entrepreneurs, investors and government to drive transformational activities that unlock change at the speed and scale the climate challenge needs.

We play an orchestrating role to convene a diverse community of change makers to participate in a portfolio of activities that drive systemic change. We catalyse systemic change using our systems thinking approaches, systems innovation capabilities, knowledge sharing and deep global networks through EIT Climate-KIC, the European Union's (EU's) climate innovation initiative.

The amplification of these innovative responses is supported by our community and their networks. By developing a highly collaborative, effective and experimental climate knowledge and innovation community, we believe we can trigger climate action that unlocks scale and systemic impact to help Australia mitigate and adapt to climate change.

Our organisational values are:

- **Ambitious and purpose driven** – we are bold in our pursuit of impactful action that matches the urgency and scale of the climate challenge
- **Holistic and strategic** – we embrace complexity, leverage holistic systems thinking and long-term approaches
- **Pragmatic and nimble** – we are practical, balancing interests, learning by doing, and adapting as we go
- **Kind and inclusive** – we meet diverse people and organisations where they are at with kindness and curiosity
- **Open and collaborative** – we only and actively share learning, processes and networks and believe in the importance and power of collaboration



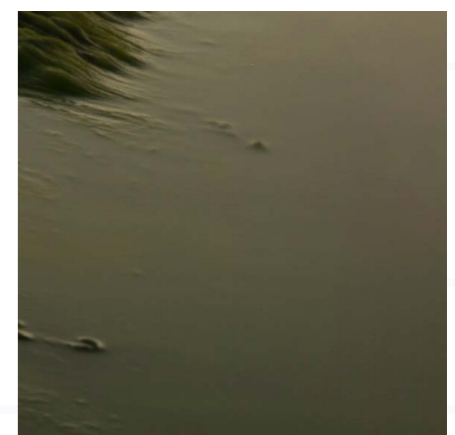
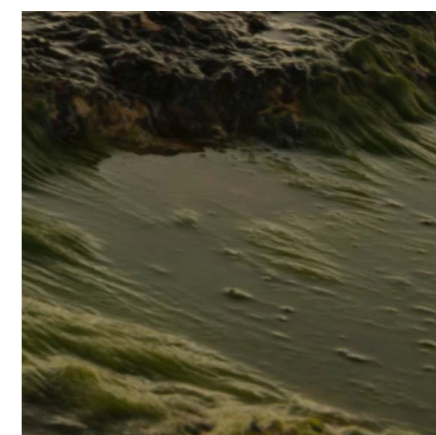
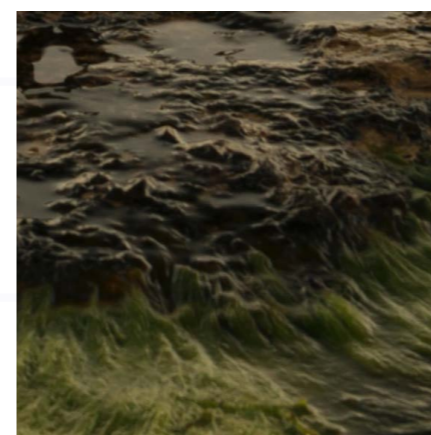
Insights from our portfolio

16 projects & programs,

70+ delivery partners

350+ initiative members

57+ events



| PORTFOLIO INSIGHTS

Our Systems Innovation Framework provides a flexible approach to innovate at a systems level and support our portfolio of connected and coordinated interventions, create synergies, learn and support systems change.

This year we decided to walk the talk with our portfolio approach and trial a new way of communicating our impacts by sharing insights from our portfolio. We conducted project sensemaking sessions on seven of our most significant projects over the past year to generate insights about how we are enabling systems change and the opportunities for and barriers to catalysing transformative climate action. Three recurrent themes were:

1. **Growing awareness about the value and need for collaboration and coordination across the system**

Many people, governments, corporations, community groups, are now talking about the need for collaboration and coordination to make meaningful progress on the interconnected challenges and opportunities of climate action. Our projects demonstrate the value of collaboration across the system. In our collaborations we have been able to enhance skills and capabilities, establish clear demand signals, broker knowledge between diverse stakeholders, encourage better community outcomes and form governance approaches for complex collaborations.

2. **Innovative collaboration and coordination mechanisms are needed**

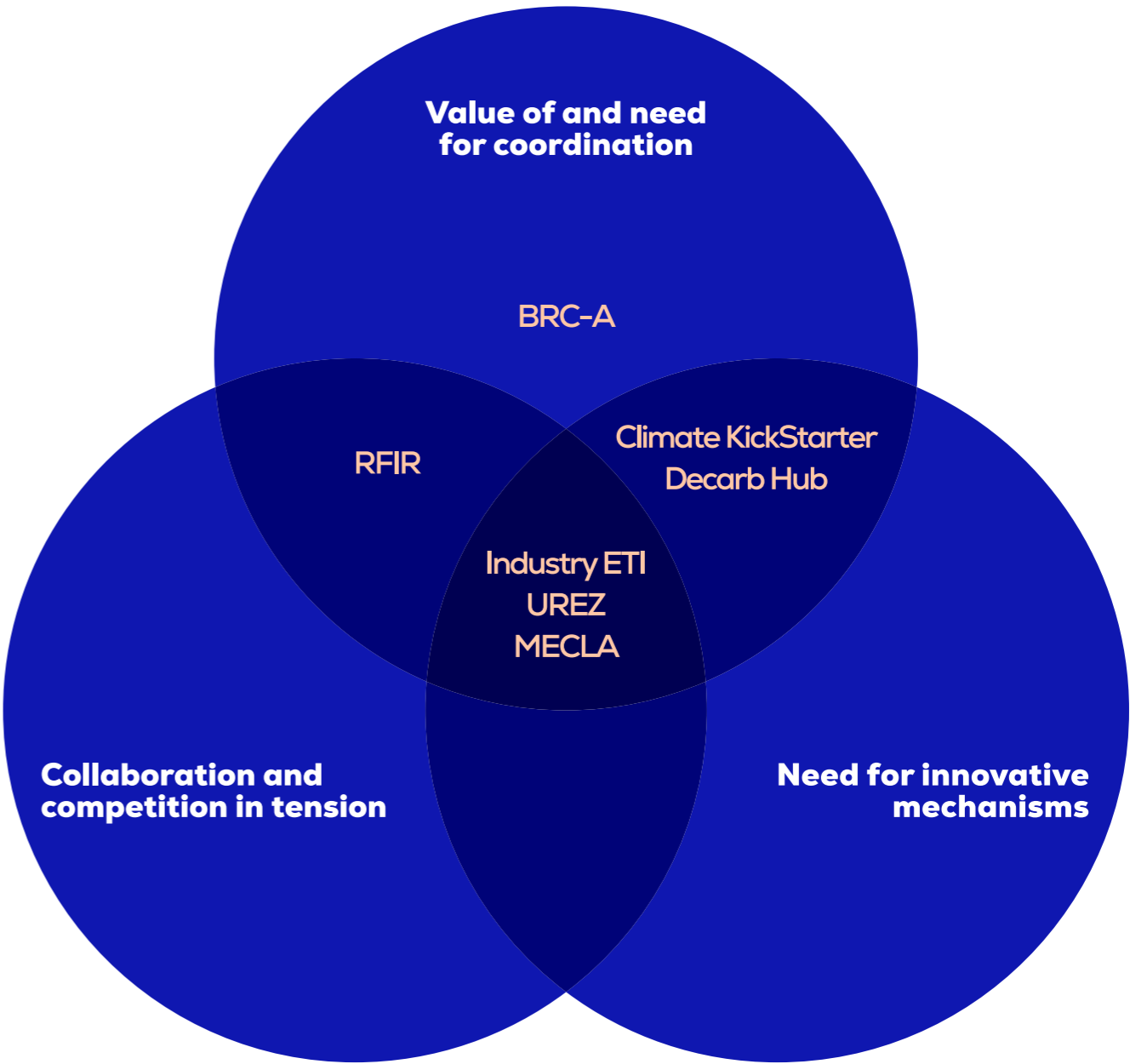
Because coordination across diverse stakeholder groups takes time and effort, investment from government, philanthropy, and others is needed to

enable the development of collaborative initiatives. Support and funding should focus on enabling coordination and collaboration on topics such as common user infrastructure, industry attraction, community participation, sustainable finance and resilience investment by mapping ecosystems to identify and explore intervention points and tools with relevant challenge owners.

3. **Collaboration and competition exist in tension; navigating coordination across diverse stakeholder groups can be challenging and takes time**

Companies, and government bodies, don't naturally self-organise. All manner of tensions exist - competitive and cultural among them. These tensions must be navigated thoughtfully to change the way things are done. Co-designing objectives and understanding each actor's roles and responsibilities can provide clarity on what is needed from each other or can be done individually to support genuine collaboration. While it takes time, this investment pays off in a clearer project process and the ability to deliver outcomes that align with the well-understood needs of participants.

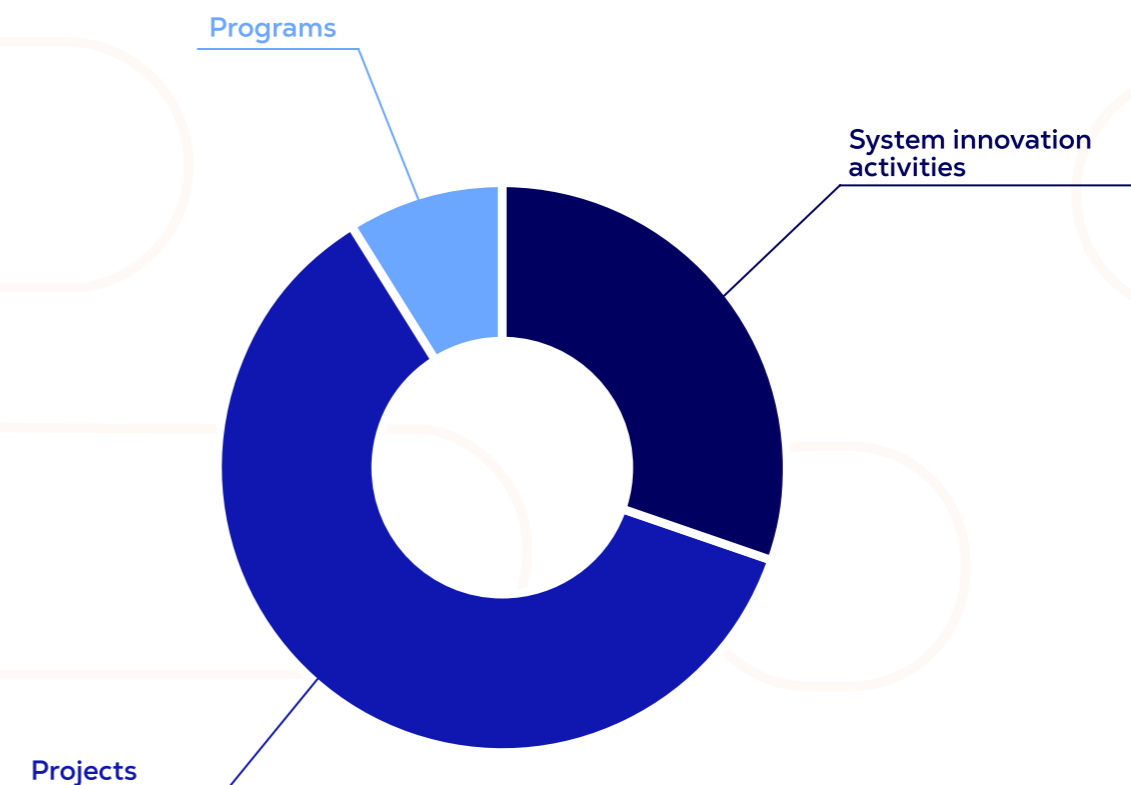
Climate-KIC continues to use and develop systems-based approaches in multistakeholder innovation collaborations with industry, government, research and communities. It's important that we keep incorporating the latest in systems thinking, tools, and challenging ourselves to use the approaches that best suit the complexity of climate action.



Portfolio of Activities

During FY23, Climate-KIC Australia has made significant progress toward its vision of catalysing systemic change through:

1. **System innovation activities:** We offered facilitation, design thinking and sensemaking as a service to 7 projects.
2. **Projects:** During FY23, we established 7 new projects, progressed our work on 5 existing projects, and wrapped up 5* projects.
3. **Programs:** We accelerated clean- and climate-tech innovators and supported research commercialisation through the delivery of two innovation programs.



| SYSTEM INNOVATION ACTIVITIES



Facilitation: Making working together work well

Over the course of the year, through our collaborative projects and programs, Climate-KIC supported a variety of organisations to work collaboratively to achieve their outcomes and advance action on climate change. Climate-KIC has been responsible for working closely with our collaboration network to design and deliver processes that engage relevant stakeholders, gather and share information and insight and support meaningful conversations. We design and create boundary objects that allow diverse stakeholders to develop shared views of systems and challenges to ensure effective collaboration.



Design: Building interventions for impact

In our Climate Action Lab and through our Strategic Engagements, we are working with universities, philanthropic groups, industry and government on developing design processes that allow organisations to explore design questions and develop strategies and roadmaps that can be progressed internally and/or collectively by external consortia. Climate-KIC has a deep design capability and utilises a variety of frameworks, approaches and tools which are adapted for each project. The process usually involves extensive stakeholder engagement, which is led by Climate-KIC to inform the outputs.



Sensemaking: Understanding how it all fits together

Climate-KIC Australia has specialised skills and capacity to support organisations and groups of organisations to make sense of the activities they have been implementing. Climate-KIC designs, facilitates and supports the synthesis and sensemaking processes that generate unique and actionable insight for our partners. These forms of reflection are suitable for complex environments with multiple actors and allow distillation of information that can inform future work and allow partners to share learnings with others in the space, thereby amplifying impact.



PROJECTS AND PROGRAMS

Our projects provide large demonstrations that may be scaled in the future. Our program accelerate climate innovations into businesses and accelerate research commercialisation.

Industrial decarbonisation, cities and built environment

- 1. Australian Industry Energy Transition Initiative (Australian ETI):** Accelerating informed action towards the achievement of net-zero emissions by 2050 in hard-to-abate sectors.
- 2. Common user / open-research pilot facility for low emissions ironmaking:** A study which aims to provide clarity on research and innovation infrastructure required to enable decarbonisation pathways for Australian iron ores.
- 3. Opportunities for Sustainable Urban Transformation:** Exploring the socio-technical ecosystem of Western Sydney to understand the opportunities for urban transformation.
- 4. Materials Embodied Carbon Leaders' Alliance (MECLA):** Supporting WWF and Presync to drive reductions in embodied carbon in the building and construction industry to net zero.

Renewables and cleantech

- 5. NSW Decarbonisation Innovation Hub:** Supporting the establishment of a collaborative decarbonisation innovation community in NSW by fostering the research, development, commercialisation and adoption of clean technologies and services.
- 6. Business Renewables Centre Australia (BRC-A):** Growing the renewable energy market by making it easier for organisations to sign a Power Purchasing Agreement.



- 7. Australian Ocean Energy Group (AOEG):** Accelerating commercialisation of Australia's ocean energy sector.
- 8. Climate Launchpad (CLP):** Training and accelerating climate- and cleantech innovators to develop start-ups and connect with networks, investment and acceleration opportunities in Australia and globally.
- 9. Climate KickStarter:** Enabling research commercialisation in the climate space by providing targeted commercialisation training and capability building to researchers.
- 10. RACE for 2030 Food Value Chain:** Exploring ways energy productivity improvements can address food value chain challenges through collaborative action and a systems innovation approach.
- 11. Urban Renewable Energy Zones (Urban REZ):** Supporting high levels of small and medium-scale renewable energy penetration in an urban area, facilitating the decarbonisation of cities, helping the wider energy system, and driving local socioeconomic benefits.

Resilience and adaptation

- 12. Resilient Futures Investment Roundtable:** Driving greater investment by developing cross-sectoral capability to value the social, environmental, economic and governance benefits of resilience.
- 13. Climate Measurement Standards Initiative 2.0 (CMSI 2.0):** Providing guidance and support through voluntary standards for large companies disclosing their climate risk.
- 14. European Union Australia Sustainable Finance Taxonomy Dialogue:** Sharing knowledge, technical information and experience between EU and Australia for sustainable finance strategies and taxonomies.
- 15. Regen Melbourne – Systemic Investing for a Swimmable Birrarung:** Pathways to activating investment towards a swimmable Birrarung/ Yarra River.
- 16. Enabling Resilience Investment Assessment:** Developing a framework for energy investment in post disaster recovery.

AUSTRALIAN INDUSTRY ENERGY TRANSITION INITIATIVE (INDUSTRY ETI)

Output(s)

Phase 3 Report: *Pathways to industrial decarbonisation – Positioning Australian industry to prosper in a net zero global economy*

A platform for heavy industry & business partners to share and take action on decarbonisation.

Indicator(s)

18 Partners representing 30% of ASX100 market value

330 industry representatives engaged through workshops and meetings

Outcome(s)

Two follow-on initiatives supporting decarbonisation for multiple stakeholders:

- Pre-feasibility study into common user / open-research pilot facility for low emissions ironmaking
- Industrial Regions Action Network

Collaborative decarbonisation initiatives*
*target outcome



Project background

The Australian Industry Energy Transitions Initiative (Industry ETI) supports Australian industries in hard-to-abate sectors to accelerate informed action towards the achievement of net-zero emissions by 2050.

The Industry ETI facilitates knowledge development, sharing and collaboration on decarbonisation across five supply chains which collectively contribute more than a quarter of Australia's annual industrial greenhouse gas emissions and generate exports worth around \$160 billion. These include steel, aluminium, chemicals (including explosives and fertiliser), liquified natural gas, other metals (such as lithium, copper and nickel).

Outcomes

The Industry ETI built a committed network of major industry partners including APA Group, Australia Gas Infrastructure Group, BHP, BlueScope Steel, BP Australia, FMG, Orica, Rio Tinto, Wesfarmers Chemicals and Woodside. Business partners involved include Aurecon, Australian Super, CBUS, CEFC, HSBC Australia, National Australia Bank, Schneider Electric and Westpac, who together represent the broader system of investment and services industry and who are key to supporting industry action towards net-zero

supply chains. In addition, Industry peak bodies Australian Industry Group and the Australian Industry Greenhouse Network were permanent observers. Simon McKeon AO, Chancellor of Monash University, former CSIRO Chairman and former Australian of the Year served as Industry ETI Chair of the Steering Group.

Working with the significant national collaboration network, Climate-KIC Australia has established two follow-on initiatives supporting decarbonisation for multiple stakeholders. These initiatives are:

- **Pre-feasibility study into common user / open-research pilot facility for low emissions ironmaking** which aims to provide clarity on research and innovation infrastructure required to enable decarbonisation pathways for Australian iron ores. Project delivery partners are CSIRO (project lead) and Swerim the Swedish metals research institute. The Minerals Research Institute of Western Australia (MRIWA) is the primary funder of this project.
- Industrial Regions Action Network is being established to help accelerate the complex task of decarbonisation and the transition to net zero in industrial regions. This network is convened by CSIRO Towards Net Zero Mission together with Climate-KIC Australia.

Inputs/Outputs 2022-23

PROJECT TIMELINE

● Year 4 of 4

FUNDERS

Philanthropic donations, company contributions and grant from the Australian Renewable Energy Agency (ARENA)

REPORTS

Phase 3 Report: *Pathways to industrial decarbonisation*

INDUSTRY PARTNERS

Convened jointly by ClimateWorks and Climate-KIC Australia in collaboration with the Energy Transitions Commission. Delivery partners include CSIRO, Rocky Mountain Institute and Bloomberg New Energy Finance (BNEF)

Overview

ACTIVITY TYPE

Climate impact portfolios

LEVER(S) OF CHANGE

Collaboration and coordination
Enabling knowledge and data

CHALLENGE OWNER(S)

Group of major heavy industry, finance and investment and energy companies, and Australian Renewable Energy Agency (ARENA)

COMMON USER / OPEN-RESEARCH PILOT FACILITY FOR LOW EMISSIONS IRONMAKING

Output(s)	Indicator(s)	Outcome(s)
Interim internal report summarising insights from broader stakeholder engagement	Over 30 organisations engaged (many multiple times) including iron ore miners and steelmakers, technology providers and project proponents, universities and research technology organisations, and government	Stakeholder convergence on a concept for a common user pilot facility for low emission ironmaking

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 2 year project (ambition to have a follow-on project)

FUNDERS

- Mineral Resource Institute of WA & CSIRO

PARTNERS

- CSIRO, Swerim (the Swedish Metals Research Institute), Climate-KIC Australia

Overview

ACTIVITY TYPE

- Collaborative projects & programs

LEVER(S) OF CHANGE

- Technology
- Collaboration and coordination
- Enabling knowledge and data

CHALLENGE OWNER(S)

- WA Government
- Iron and steel companies
- Research organisations such as CSIRO, HILT CRC, various universities

Project background

This project is a pre-feasibility study which aims to provide clarity on the research and innovation infrastructure required to enable decarbonisation pathways for Australian iron ores in the global transition to green steel. Iron ore is by far the greatest export earner for Australia. With many of Australia's trading partners now committed to net zero emissions, the ability to efficiently and cost-effectively convert Australian hematite, goethite and magnetite ores into low-emissions iron and steel using renewable energy is critical for a) enabling decarbonisation of the iron and steel supply chain and supporting the global transition to net zero emissions, and b) securing a future export market for Australian iron ore and related value-added products such as green iron for steelmaking.

Outcomes

The ambition is for the study to lay the foundations for a detailed engineering design study of a common user pilot facility with support from industry, research and government.

The project contributes to CSIRO's Towards Net Zero Mission to help iron ore resources halve their emissions by 2035.

OPPORTUNITIES FOR SUSTAINABLE URBAN TRANSFORMATION

Output(s)	Indicator(s)	Outcome(s)
Ecosystem mapping and opportunity report	Use and engagement with the report	Enhanced collaboration between industry, government and research driving sustainable urban transformation

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 1 year project

FUNDERS

- Western Sydney University

REPORTS

- Exploring the terrain for Urban Transformation in Western Sydney

Overview

ACTIVITY TYPE

- Climate action lab

LEVER(S) OF CHANGE

- Knowledge and information flow
- Organisational culture, strategy and governance
- People, communities and networks

CHALLENGE OWNER(S)

- Western Sydney University

Project background

Western Sydney University (WSU) officially launched the Urban Transformations Research Centre (UTRC) on 4 November 2022. The UTRC has been set up to bring together capabilities to address one of the greatest challenges facing humankind: providing people-centred, inclusive, healthy, prosperous, and resilient communities within the constraints of climate change.

WSU partnered with Climate-KIC Australia to engage the industry and society ecosystem in western Sydney. Climate-KIC conducted 28 interviews with 45 individuals to gather insight on the challenges and opportunities for sustainable urban transformations in western Sydney. All with the aim of identifying shared intent and establishing a common basis for collaborative action-oriented research and innovation.

Outcomes

This work summarised the terrain for urban transformation to provide a basis for ongoing collaborative project and program development. Ultimately, this is a first stage of work that seeks to spawn collaborative action-oriented projects.

MATERIALS EMBODIED CARBON LEADERS' ALLIANCE (MECLA)

Output(s)

20 case studies

Indicator(s)

150+ member organisations

10 thematic working groups

Outcome(s)

Reductions in embodied carbon in the building and construction industry to net zero and harness the opportunities for Australian industries prepared for a decarbonised and more resilient economy*

*target outcome

Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 2 of an ongoing project

FUNDERS

NSW Government, WWF and industry

REPORTS

3 milestone reports for NSW Government
20 case studies

EVENTS

18 Spotlight events
Government & industry event

INDUSTRY PARTNERS

WWF Australia and Presync, 150+ industry partner organisations

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

- People, communities & networks
- Policy
- Markets and business models

CHALLENGE OWNER(S)

- Governments setting policy
- Head contractors and developers who want low carbon products
- Suppliers and manufacturers who are developing technologies and approaches that provide new low carbon material
- Government procurement agencies
- Rating tool agencies
- Finance sector that are delivering on ESG metrics tied to assets

Project background

The Materials & Embodied Carbon Leaders' Alliance (MECLA) was formally launched in April 2021 by WWF Australia and Presync, with supporting funding from the NSW Department of Planning Industry and Environment (DPIE). Climate-KIC Australia provides operational and strategic support.

MECLA's goal is to drive reductions in embodied carbon in the building and construction industry and to harness the opportunities for Australian industries prepared for a decarbonised and more resilient economy and align with the Paris Agreement targets and principles of the circular economy.

Outcomes

MECLA has provided direct consultation and informed the Sustainable Procurement Policy for South Australia's Department of Infrastructure and Transport, NSW's Protection of the Environment Policy, the NSW Decarbonisation Infrastructure Delivery Roadmap, the APCC Pathway to Green Construction Procurement and others.

By bringing together different sectors across the building and construction supply chain, MECLA is:

- The go-to-place for industry to understand and take action on embodied carbon
- Building an active network with over 150 industry, government and research organisations working across 10 working groups to overcome barriers of uptake and finding system-level solutions to reduce embodied carbon emissions
- Demonstrating demand and activating the supply of materials
- Defining a best practice embodied carbon evaluation framework

- Sharing knowledge and developing online assets as part of a pre-competitive approach e.g. online inventory includes 18 spotlight events, 20 case studies which showcase carbon reduction success stories and other publications which have been downloaded over 20k times.
- Developing a common language for design specifications, procurement guidelines and tendering criteria
- Helping to manage industry's climate transition risks, risks associated with adopting innovative materials and the required skills development
- Supporting materials to reduce their carbon intensity and giving visibility to other low-carbon and innovative materials.

MECLA is seeking funding from all state jurisdictions and industry organisations to continue driving change across five areas of intervention while moving from a NSW focus to the national stage. MECLA is also looking to develop collaborative projects to build key elements of the new market.



NSW DECARBONISATION INNOVATION HUB

Output(s) MERI framework Hub and Network workplans Governance framework Exaptive (knowledge brokering platform) 2 co-design workshops	Indicator(s) 12 participating organisations
	Outcome(s) Facilitated the co-design of project proposals that foster collaboration and leverage capabilities between research, government and industry

Inputs/Outputs 2022-23

PROJECT TIMELINE

🕒 Year 1 of 9 year project

FUNDERS

- 🏛️ NSW Office of Chief Scientist and Engineer
- NSW Environmental Trust
- Project Partners

PARTNERS

- 🔗 UNSW Sydney, University of Newcastle, Western Sydney University, NSW Department of Primary Industries, University of Technology Sydney, University of Wollongong, University of Sydney, Southern Cross University, University of New England, Charles Sturt University, NSW Department of Planning and Environment and Climate-KIC

- Australia
 - 📄 PORTS
 - 1 report
 - 🗓️ EVENTS
 - Decarb Hub launch event
 - 2 co-design workshops

Overview

ACTIVITY TYPE

Climate impact portfolios

LEVER(S) OF CHANGE

- 🗣️ People, communities & networks
- Knowledge and information flows

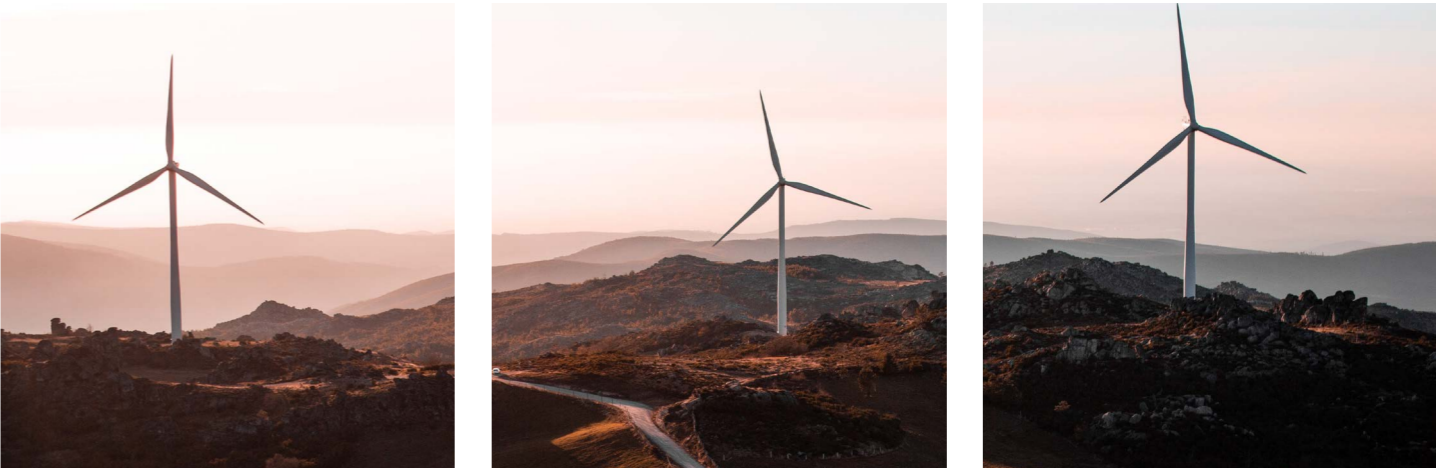
CHALLENGE OWNER(S)

- NSW Government
- Hub Core Partners including universities and state government agencies
- Industry including both large established oranisations and SMEs including start-ups and scale ups

Project background

The NSW Decarbonisation Innovation Hub was established in June 2022. The Hub is co-hosted by UNSW and the University of Newcastle, supported by a consortium of leading universities across NSW.

The Hub aims to bring together researchers, industry and government stakeholders to collaborate and increase the uptake of new technologies to decarbonise NSW. The objectives of the Hub and its Networks include:



1. Support and accelerate the research, development, commercialisation and adoption of decarbonisation technologies and services in NSW
2. Foster collaboration, partnerships and projects between industry, researchers and government that drive decarbonisation in NSW and elsewhere
3. Attract investment to NSW that supports the research, development, commercialisation and adoption of decarbonisation technologies and services
4. Support the growth of skills, knowledge and workforce in decarbonisation technologies and services in NSW

Climate-KIC supported the Decarb Hub's establishment in 2022-23. The breadth of the Decarb Hub's planned activities needs coordination and a portfolio approach that allows the Hub to maximise impact and contribute to large-scale transformation. Climate-KIC supported a system approach to understanding levers of change, from policy and regulation, business models, industry capacity building and training to attract finance and capital, stakeholders, and projects into the Decarb Hub.

Outcomes

In Decarb Hub's first year of operation, the focus was on establishment activities from legal agreements, governance, government engagement, and operational workplans. CKIC led the development of the:

- **Hub Strategy**, which sets out the overarching vision for the Hub and its Networks, the deep focus areas for

- each network and how the Hub plays a coordination role
- **Monitoring, Evaluation, Reporting and Improvement (MERI) Framework** in consultation with NSW Government to ensure alignment with practices being developed for the monitoring and impact measurement for the Net Zero plan
- **Hub and Network Plans** which outline the core activities and stakeholder engagement strategies
- **Mapping the Hub and Network activities** using Exaptive software to support a portfolio approach to understand its strengths and needs, and identify synergies, gaps and duplications of effort
- Governance framework and operational set up including developing terms of reference and assisting with establishment of the Decarb Hub Advisory Board, Partner steering committee, and support while Hub staff were recruited.

BUSINESS RENEWABLES CENTRE AUSTRALIA (BRC-A)

Output(s)

153 Buyer Members
104 Organisations trained at 8 BRC-A Buyer Bootcamps
207 Member Organisations

Indicator(s)

568 Individuals have attended a BRC-A training Bootcamp
At least 129 Corporate PPAs since BRC-A inception.

Outcome(s)

1 GW capacity contracted by BRC-A Buyer members in FY 2022-23.
6.7 GW renewable energy projects supported by BRC-A Buyer members since inception in 2018.



Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 5 of an ongoing project

REPORTS

Corporate Renewable Power Purchase Agreements in Australia: State of the Market 2023
Best Practice Corporate PPA Guide

EVENTS

5 Webinars totalling 1500 registrations
12 Masterclasses engaging 675 registrants (City of Sydney, Energy Corporation of NSW and Queensland Governments)
presented at 10 online/in-person industry events engaging 1230 registrants
One 1.5-day Bootcamp.

PARTNERS

Climate-KIC, UTS Institute for Sustainable Futures, RMI, WWF Australia.

FUNDERS

Original seeding funding for first 3 years received from ARENA, NSW Government, Vic Government, QLD Government: followed by funding from philanthropy and industry membership.

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

Skills and capabilities
People, communities and networks
Knowledge and information flows

CHALLENGE OWNER(S)

Corporates seeking to reach decarbonisation goals and manage energy price risk.
BRC-A members (including corporates, retailers, developers, service providers and projects).

Project background

BRC-A is an independent initiative committed to educating and connecting organisations operating in Australia about Corporate Power Purchase Agreements (PPA). Through resources such as guides, templates, online webinars, workshops and in-person training, BRC-A helps organisations to learn how to procure electricity that is both renewable and sustainable – and meets both financial and net-zero targets.

The BRC-A initiative provides a valuable resource and service to industry through education and connection of corporate energy buyers and sellers from across the market. It leverages the knowledge and skill of professionals in the energy industry, as well as experienced Buyers, to facilitate collaboration and collectively raise the decarbonisation capacity of energy buyers to more effectively engage in the sustainable sourcing of electricity and reducing or eliminating scope 2 emissions.

Through BRC-A's project work in the regions in NSW and Queensland, as well as with smaller energy buyers with big brand names and ambitious decarbonisation goals, we continue to seek to bring PPA know-how to more new markets across industry to help support a faster and smarter energy transition.

Outcomes

BRC-A supports Industry by sharing knowledge on how to source offsite renewable energy. Over the last four years, BRC-A has:

- Become the 'go-to' platform for PPAs in Australia, with 207 member organisations from government and industry
- Developed a strong network, made up of 52 suppliers and 153 buyers who are working with each other to create PPA deals
- Developed bootcamp training, resources and materials which makes it easier for Industry to take up PPAs across Australia. Since inception, at least 129 PPA deals have been completed, demonstrating rapid growth of 461% in PPAs signed since July 2018.
- Adapted the model and is now working with Governments in NSW and Queensland to encourage better outcomes for communities and the environment of utility-scale renewable energy projects through PPAs.

AUSTRALIAN OCEAN ENERGY GROUP (AOEG)

Output(s)

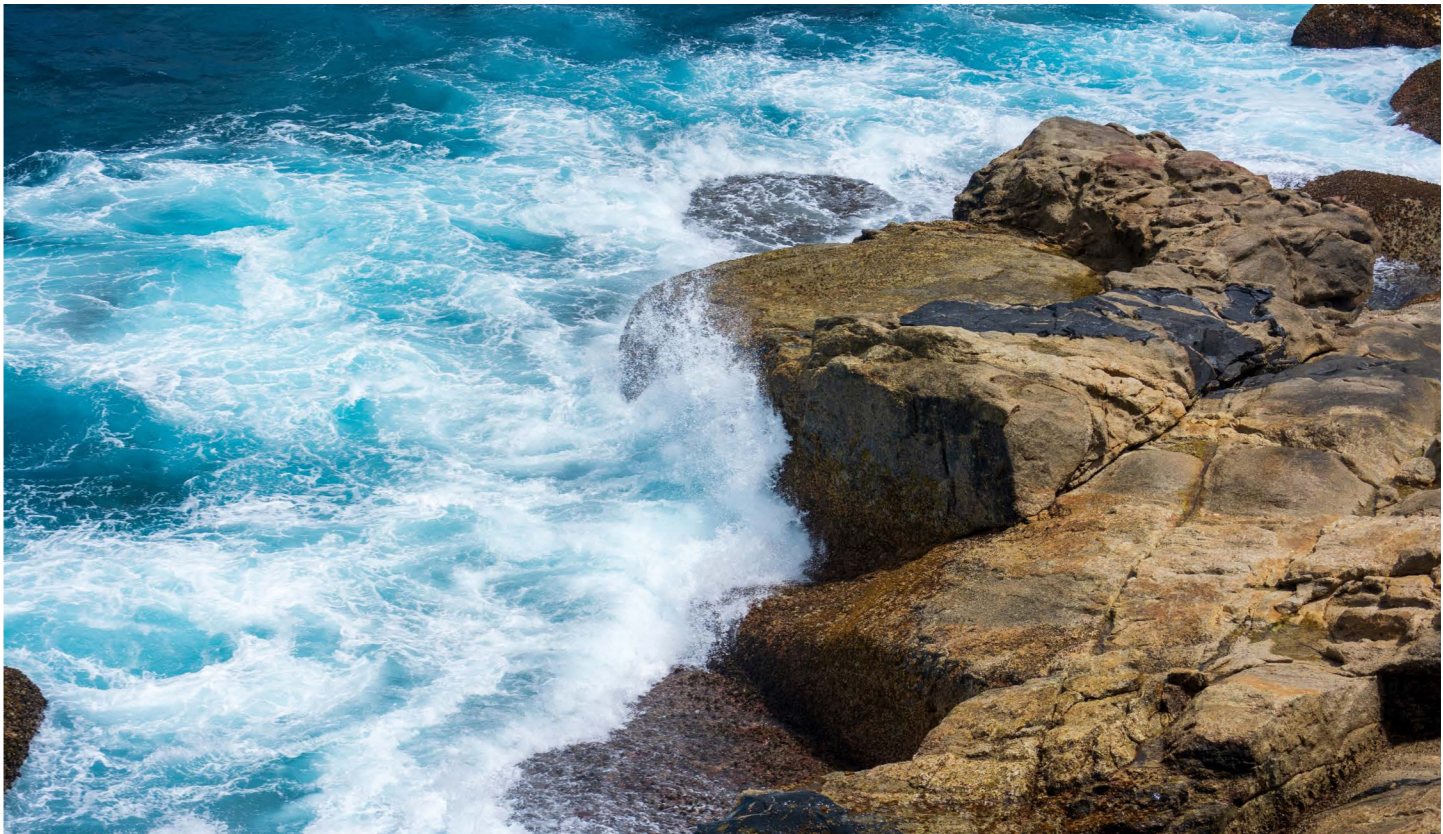
Integrated Ocean Energy Microgrids

Indicator(s)

Completed technical design for an integrated ocean energy microgrid for the Discovery Bay Tourist Precinct in Albany, WA

Outcome(s)

Implementation of integrated ocean energy microgrid demonstration projects



Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 5 of an ongoing industry development program

MEMBERS

Industry-led cluster, involving 35 Australian and international members across industry, government and academia

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

- Markets & business
- Technology

CHALLENGE OWNER(S)

Blue economy communities, businesses and industries, such as ports, aquaculture operators, remote/island communities, desalination operators, etc.

Project background

With over 70% of our Earth covered by oceans, Australia’s 25,780 kilometres of coastline provides access to hundreds of terawatts of untapped potential energy from its waves and tides. Australia’s Blue Economy, stretching along the perimeter of the coastline, has a projected value of \$100 billion per annum by 2025. This significant market opportunity could enable Australia to emerge as a frontrunner in a new ocean energy sector.

Australian Ocean Energy Group (AEOG) is pursuing the development of integrated ocean energy microgrids. This innovative energy system offers sustainable and reliable energy solutions for Blue Economy businesses and communities. The benefits include:

- Mitigating intermittency in solar and wind, providing reliable power supply.
- Enabling communities and businesses particularly on islands and remote communities to become more energy self-reliant, reducing dependence on a centralised grid.
- Scaling the ocean energy microgrid to the size and energy needs.
- Providing disaster resiliency, ensuring essential services continue even during natural disasters or grid failures.

Outcomes

AOEG is developing two ocean energy microgrid demonstration projects – one in collaboration with an aquaculture operator and the second in partnership with Discovery Bay Tourist Precinct in Albany, WA. Through these demonstration projects, AOEG intends to:

- Demonstrate leadership in sustainability and environmental stewardship while exhibiting practical benefits of reliable energy supply to Blue Economy communities and businesses.
- Model how utilisation of local renewable sources reduces the dependency on external energy providers, leading to less fluctuations and more stability in energy supply for ocean energy end-users (markets).
- Identify socio-economic opportunities for positive changes in the workforce, including new jobs (e.g. specialist skills), upskilling from other sectors (e.g. oil/gas and retail energy) and expanded business capacity (e.g. expanded supply chain).
- Validate the ability of the system to produce sufficient electricity to power desalination operations.

CLIMATELAUNCHPAD (CLP)

Output(s)

200 attendees at the 2022 Australian Pitch Final

18 participants at the Geelong exclusive bootcamp in 2023

1 in-person bootcamp in 2023

3 online webinars in 2023

Indicator(s)

100% participants rate the training as “excellent” or “good”

100% participants would recommend program further

2/3 Australian winners progress to CLP Global Grand Final in 2022

Outcome(s)

190 participants record making meaningful connections

>\$20m funding secured by CLP alum

In 2022/2023, CLP start-up alum secured >\$12m in capital and investment.

ClimateLaunchpad has been a very formative part of my start-up journey. It has been incredibly supportive, and the other founders I've met through it have always been amongst the most passionate and mission driven of all. It feels very much like we are all on the same team, and are working towards a common goal, which is very refreshing.

Ben Wilkinson
Head of R&D, Syenta

Program background

ClimateLaunchpad (CLP) is the world's largest and most successful climate- and cleantech business ideas competition and pre-accelerator program, delivered simultaneously across 55+ countries. Its mission is to unlock the global potential of cleantech to address climate change and help fast-track ideas into businesses. The annual program provides an opportunity for innovators and entrepreneurs to connect to a global network of trainers, mentors, investors, accelerators and market opportunities.

Outcomes

Since its Australian inception in 2017, CLP is creating impact and Australian CLP start-ups have raised more than \$20 mil in funding.

Some success stories making headlines in 2023 include:

- 2022 Australian joint winner Calyx – a food supply-chain insights start-up – secured a spot in the Australian Open StartUps program. Calyx was engaged to work behind the scenes at the Australian Open in 2023 to footprint food menus, detailing environmental impact, including carbon emissions, biodiversity and water.
- 2022 Australian joint winner Syenta (formerly Spark 3D) have raised ~\$4 million in dilutive and non-dilutive capital,

being supported through Blackbird, Jelix Ventures and Brindabella Capital. The Syenta team was recently recognised as a top-100 start-up to watch in the Asia Pacific region by Forbes.

- 2021 Australian finalist Allegro Energy – Origin Energy acquired a 5% stake in Allegro Energy, for a valuation of \$80m, to pilot their long-duration battery at Eraring Power Station.

In 2023, ClimateLaunchpad partnered with the City of Greater Geelong to deliver the first regional program in Australia. Further pathways to support start-ups were mobilised, including opportunities to participate in Geelong's Runway HQs incubator program. 18 innovators from Geelong and surrounds were accepted into the program and attended a Geelong-exclusive Boot Camp, multiple webinars and training opportunities. A female founder rate of 60% was achieved, the first time in program history having a majority-female cohort. 100% of our survey respondents said they were likely to recommend the program further, with the ClimateLaunchpad boot camp trainer receiving a rating of 4.8/5. The webinars had an exceptionally high participation rate with an average rating of 4.5/5. Around 15 mentors, advisors and Australian and international trainers were involved in the program and supported the innovators' throughout the program.

Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 6 of annual program

FUNDERS

- AusIndustry Entrepreneurs' Programme (2022)
- Future Battery Industries CRC (2022)
- RACE for 2030 CRC (2022)
- City of Greater Geelong (2023)

PARTNERS

- Global Entrepreneurship Network (2022)
- Victorian Cleantech Cluster (2022, 2023)
- TU Delft, Netherlands

EVENTS

- In person Australian National Final in partnership with Fishburners (Aug 2022)
- In-person/hybrid bootcamp in Geelong's Wurriki Nyal Building (May 2023)
- 3 webinars (June 2023)
- In-person/hybrid pitch training

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

- Technology
- Skills & capabilities
- Markets & business models

CHALLENGE OWNER(S)

Climate innovation ecosystem

CLIMATE KICKSTARTER

Output(s)

2 research commercialisation courses designed

Three courses delivered to climate researchers across 5 states, 8 Universities and 2 Cooperative Research Centres

Indicator(s)

4/5 rating from participants on commercialisation capability improvement

4.3/5 rating from participants on curriculum and relevance of modules.

Outcome(s)

Additional Deep Dive course and increased participation numbers

Courses fully subscribed, high demand.

One industry-led project initiated.

Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 2 of ongoing program

FUNDERS

Future Battery Industries CRC

RACE for 2030 CRC

REPORTS

Evaluation reports Dec 2022, Nov 2023

PARTNERS

Cruxes

Occami

Allegro Energy

EVENTS

1 x Presentation session

1 x Climate KickStarter Deep Dive

1 x Climate KickStarter Light

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

Technology

People, communities and networks

CHALLENGE OWNER(S)

Future Battery Industries CRC

RACE for 2030 CRC

Program background

Climate KickStarter is a course for researchers to support them in developing the building blocks - confidence, knowledge, skills, and ability - to leverage future commercialisation opportunities and confidently manage commercialisation processes.

Climate KickStarter was designed by Climate-KIC Australia, FBICRC and RACE for 2030 CRC as a response to cultural, structural, and professional challenges

within the research sector when it comes to commercialising research. Using a systemic lens in identifying challenges - ranging from missing industry and university cross-sector collaborations, commercialisation incentives for researchers, limited R&D funding and risk aversion around early-stage investments, complex institutional processes and missing business acumen among researchers in the climate field - Climate-KIC decided to enable commercialisation expertise and capability building as a lever of change.

Climate KickStarter is made up of two training courses:

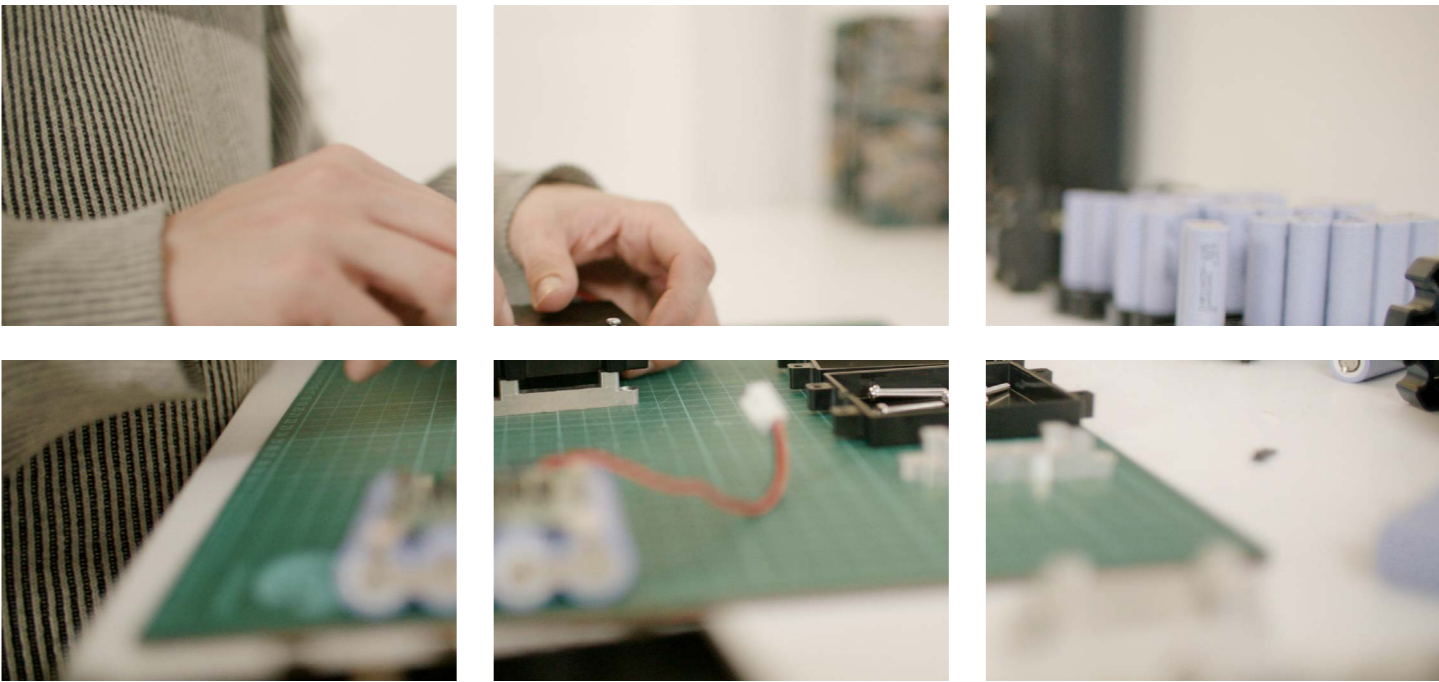
1. The shorter “Light” course is designed as an early exposure point to introduce higher degree researchers, industry PhDs and their supervisors to customer discovery processes, understanding commercial

problem spaces and stakeholder management through their research.

2. A longer “Deep Dive” course is designed to equip researchers with the skills to be able to apply their research to the commercial space, take industry positions or create start-ups.

Outcomes

Since running the Climate KickStarter pilot in 2022, all researchers have been given the tools to understand and explore future pathways ranging from advising policy and industry standards, turning lab-based innovations into start-ups or exploring licensing options among other pathways. Over 95% of the participants would recommend the course to other researchers.



RACE FOR 2030 CRC FOOD VALUE CHAIN ENERGY PRODUCTIVITY STUDY

Output(s)

Report: *RACE for 2030 CRC Food Value Chain Energy Productivity Study*

Indicator(s)

Food value chain stakeholders use and engage with the report

Outcome(s)

Motivated consortium forms to drive decarbonisation efforts across food value chain

URBAN RENEWABLE ENERGY ZONES (URBAN REZ)

Output(s)

Selected case study for demonstration

Research Report

Indicator(s)

A network of organisations ready to implement Urban REZ.

Outcome(s)

Key insights into the blocker for Urban REZ and the strategic pathways to change.

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 1 year project

FUNDERS

- 🌱 RACE for 2030 CRC (Agrifutures, A2EP, UTS and Climate-KIC)

REPORTS

- 📄 *RACE for 2030 CRC Food Value Chain Energy Productivity Study*

Overview

ACTIVITY TYPE

- 🏠 Climate action lab

LEVER(S) OF CHANGE

- 👥 People, communities and networks
- 💬 Knowledge and information flows
- 📋 Regulation and standards

CHALLENGE OWNER(S)

- 🏠 Stakeholders from across the food value chain, particularly large influencers such as retailers and transportation companies

Project background

The food sector is responsible for about 30% of global energy consumption. This RACE for 2030 CRC study builds on the widespread ambition to decarbonise food supply chains and explores how combining three concepts - energy productivity, a value chain approach and systems innovation thinking, can inform strategies and actions to achieve decarbonisation.

The study builds on existing research, Climate-KIC's system innovation approach and engages with a range of businesses, industry organisations, researchers and government agencies to recommend key actions for food value chains.

Outcomes

The report outlines a strategy to drive change across the food value chain. One of the most important first actions is to form an Industry-led consortium to build awareness about energy productivity and mobilise early and high-impact opportunities identified by the study. The project team (A2EP, UTS and Climate-KIC) is seeking interest from key industry stakeholders across the food value chain to establish the consortium.

Inputs/Outputs 2022-23

PROJECT TIMELINE

- 🔄 Ongoing engagement

FUNDERS

- 🌱 RACE for 2030 & Planet Ark Power

PARTNERS

- 🔧 UTS, Curtin, Western Power, and Planet Ark Power (eleXsys)

REPORTS

- 📄 *Pathways for Urban Renewable Energy Zones*

Overview

ACTIVITY TYPE

- 🏠 Climate action lab

LEVER(S) OF CHANGE

- 📈 Markets and business models
- 📋 Culture and strategy

CHALLENGE OWNER(S)

- 🏠 Communities, services providers supporting energy distribution (retailers and technology providers), distribution network service providers

Project background

An Urban Renewable Energy Zone (Urban REZ) is an urban area that can support high levels of small and medium-scale renewable energy penetration, facilitate the decarbonisation of cities, help the wider energy system, and drive local socio-economic benefits. Following a RACE for 2030 Project in FY22, Climate-KIC partnered with Planet Ark Power to coordinate stakeholders towards forming a project that would allow a commercial deal and energy consortia to form with design considerations toward future replication and scalability to crowd in more investment.

Outcomes

Currently still in a design phase, Climate-KIC is working with stakeholders to form a project that would allow an Urban REZ commercial deal and energy consortia to form. To smooth the way for implementation at scale, Climate-KIC are also engaging across strategic stakeholders, including politicians, senior government, distribution networks and with other change-making organisations to make the strategic case for Urban Renewable Energy Zones.

RESILIENT FUTURES INVESTMENT ROUNDTABLE

Output(s)

1 new website and rebrand, 1 Statement & 4 case studies

1 external & 2 internal capability building sessions

Indicator(s)

23 organisations participating

Engagement with outputs

Attendance at sessions

Outcome(s)

Sharing insights from practice to support systemic resilience investment decision-making

SteerCo members and national and international stakeholders build capability to make the case resilience investment



Project background

The Resilient Valuation Initiative was established in 2019 by the Australian Business Roundtable for Disaster Resilience and Safer Communities. In a rapidly evolving policy and political landscape, the Initiative underwent an evaluation process in 2022. This led to a shift in approach to take a systemic, holistic approach to identify and account for the social, environmental, governance and economic benefits and costs of resilience investment.

Reflecting this shift, the Resilience Valuation Initiative is now operating as the Resilient Futures Investment Roundtable (RFIR). RFIR is a collective, cross-sectoral effort aimed at creating a climate-resilient future where valuing the comprehensive costs and benefits of resilience becomes the norm.

By leveraging the existing tools and methodologies, the RFIR aims to create a future where the social, environmental, economic and governance benefits of resilience are integrated into practices and decisions, so that both public and private investments achieve the best possible outcomes for communities, businesses and the environment.

Outcomes

Climate-KIC played a critical role in facilitating the process of reframing and

redefining, allowing the group to be nimble and responsive to broader changes in the landscape. Capability-building was identified as a key enabler needed to support organisations to create strong business cases for resilience investment by better identifying and quantifying the broad social, economic, environmental and governance benefits that can flow from investments in resilience-building activities..

With a shared overarching aim, the first steps have been to:

- Develop a brand identity and website that communicates this new work program with external audiences,
- Partner with the Australian Institute for Disaster Resilience Knowledge Hub to produce four short case studies.
- Co-design guidance documents and support resources and case studies that support organisations to build a strong business for investments in resilience-building projects by better accounting for the broad benefits of resilience.

Learnings are being shared internally with Steering Committee members and externally through participating in conferences

Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 1 of 2 years funding, Year 4 of ongoing cross-sectoral partnership

FUNDERS

National Emergency Management Agency, Initiative participant contributions

EVENTS

6 Steering Committee Meetings

3 Working Group Workshops

Presented at the Asia-Pacific Ministerial Conference on Disaster Risk Reduction

MEMBERS

Australian Red Cross, Australian Institute for Disaster Resilience, Natural Hazards Australia, Minderoo Foundation, EY, Infrastructure Australia, AustralianSuper, Munich Re, Arup, Queensland Reconstruction Agency, AECOM, Resilience Projects, Frasers Property, WWF Australia, Energy Networks Australia

PARTICIPANTS

National Emergency Management Agency, Department of Prime Minister and Cabinet, Resilience NSW, CSIRO, NAB

Overview

ACTIVITY TYPE

Strategic engagements

LEVER(S) OF CHANGE

Skills and capabilities

Finance and Investment

Data & information flows

CHALLENGE OWNER(S)

Federal Government

Roundtable partners

CLIMATE MEASUREMENT STANDARDS INITIATIVE 2.0

Output(s)	Indicator(s)	Outcome(s)
Steering Committee meetings 1 review of guidance report	Over 2140 downloads of the CMSI guidance Executive Summary since issue	Enhanced climate change risk management in Australia's financial sector

Inputs/Outputs 2022-23

PROJECT TIMELINE

Year 2 of an ongoing program

EVENTS

3 Secretariat and Steering Group meetings

PARTNERS

Suncorp Group; IAG; RACQ; NAB; Westpac; Commonwealth Bank; Leadenhall Capital Partners LLP; Investor Group on Climate Change (IGCC); Australian Banking Association; Insurance Council of Australia; MinterEllison; Finity Consulting, ARC Centre of Excellence for Climate Extremes.

Overview

ACTIVITY TYPE

Collaborative projects & programs

LEVER(S) OF CHANGE

- Knowledge and information flows
- Skills and capabilities

CHALLENGE OWNER(S)

Finance and investment sectors

Project background

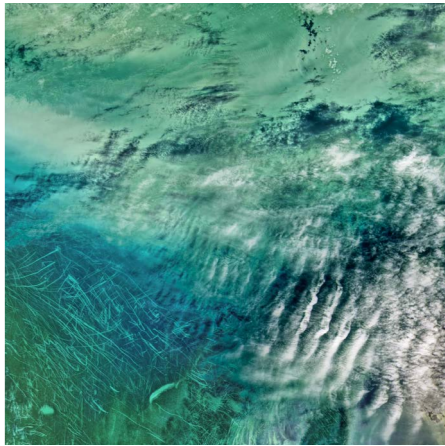
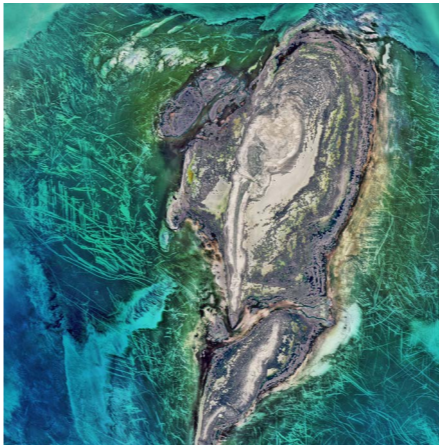
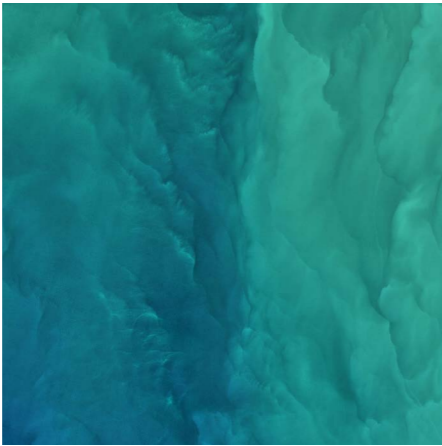
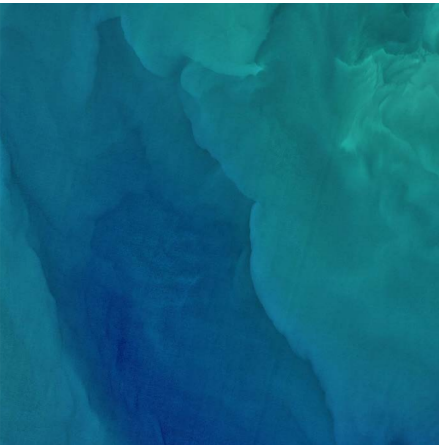
Climate Measurement Standards Initiative (CMSI) is an industry-led collaboration, which aims to enhance climate risk management of Australia's financial sector. It provides forums, research and open-source resources that support a consistent Australian framework for financial sector climate risk analysis and disclosure aligned with international practice.

The CMSI developed voluntary guidelines for the disclosure of climate physical risks to infrastructure and the built environment in Australia. Since their release, these documents have had over 1700 downloads.

The CMSI is now in a second phase of operations. The CMSI 2.0 engaged the ARC Centre of Excellence for Climate Extremes to analyse how new climate change information from the IPCC 6th Assessment Report impacts on the advice given in the CMSI guidance.

Outcomes

The CMSI is building industry capacity in this area. The CMSI has supported participants in improving climate risk management approaches and unpicking challenging issues at the nexus of cutting-edge scientific modelling and financial decision-making.



EUROPEAN UNION AUSTRALIA SUSTAINABLE FINANCE TAXONOMY DIALOGUE

Output(s)

- 1 Technical Workshop
- 3 Roundtables
- 2 Public Seminars
- 5 Event Summaries
- Final Project Summary Report

Indicator(s)

Over 200 participants from the Australian finance sector with European experts

Outcome(s)

- Key policy and taxonomy design approaches informed by the Dialogue;
- Initiated exchange between Australian and European financial regulators
- Increased Australian financial sector understanding of EU sustainable finance approaches, standards and regulations

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 1 (November 2022 - June 2023)

FUNDERS

- 🌐 European Union Climate Dialogue Project (EUCD) - EU Foreign Policy Instrument (AUS01)

PARTNERS

- 🔧 Australian Sustainable Finance Institute and Climate-KIC Australia

REPORTS

- 📄 5 Event summaries, highlighting outcomes of bilateral engagement activities, for distribution to event participants and wider finance sector through ASFI communication channels;
- Final Project Summary Report with analysis of outcomes and EU PIMS indicators.

Overview

ACTIVITY TYPE

- 🔄 Collaborative projects & programs

LEVER(S) OF CHANGE

- \$ Finance and investment
- 🛡️ Policy
- ⚙️ Regulation & standards

CHALLENGE OWNER(S)

- 🏢 Finance and investment sector
- Policy makers and regulators
- Business and industry

Project background

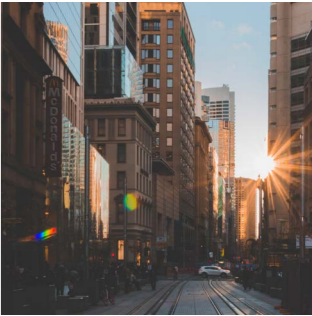
The EU Australia Sustainable Finance Taxonomy Dialogue's (the Dialogue) objective was to share knowledge, technical information and experience between the EU and Australia in the development and implementation of sustainable finance strategies and taxonomies. The Dialogue engaged key EU representatives with Australian policymakers and finance sector participants through technical workshops and roundtables. It

facilitated in-depth discussions with members of the EU Platform on Sustainable Finance and European Supervisory Agencies.

Outcomes

The Dialogue has provided valuable knowledge sharing, education and technical exchange between Australia and the European Union at a critical time when Australia is embarking on developing its sustainable finance policy.

The Dialogue project helped inform the recommendations on the key design elements for an Australian Taxonomy, and informed the recommendations paper for an Australian taxonomy options paper 'Australian Framing Paper: Designing Australia's sustainable finance taxonomy' for public consultation (December 2022).



REGEN MELBOURNE – SYSTEMIC INVESTING FOR A SWIMMABLE BIRRARUNG

Output(s)	Indicator(s)	Outcome(s)
Report (will be released Q4) Blogs Convening connections between capital holders and projects which support a swimmable Birrarung	Engagement with blogs Evidence of forming on the connections created by having a systems capital lead.	Activate pathways for investment to flow in service of a healthy river. Structured ways to partner in a strategic, coordinated way with providers of different types of capital under a shared theory of systems change.

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 1 year project

FUNDERS

- 🌱 Transcap & Regen Melbourne

REPORTS

- 📄 *Investment pathways for a Swimmable Birrarung: Activating pathways to finance in service to life* (Dec 2023)

Overview

ACTIVITY TYPE

- 🌐 Strategic engagement

LEVER(S) OF CHANGE

- 📈 Markets & Business Models
- 💰 Finance & Investment

CHALLENGE OWNER(S)

- 🏠 Regen Melbourne and partner organisations connected to the 'Wildly Ambitious Project to make the Yarra Birrarung River Swimmable

Project background

Climate-KIC was seconded to Regen Melbourne as their Systemic Investment Lead for the Swimmable Birrarung. The health of the Birrarung/Yarra River is paramount to the liveability of Melbourne. Regen Melbourne aims to make the river healthy enough to swim. In practical terms, the project aims to activate pathways to investment towards greater ecosystem resilience, urban cooling, land value uplift, increased tourism, greater connection to First Nations custodianship of the river system and the city, and more.

Outcomes

- This project explores and then activates the opportunity to develop a transformative finance approach which aligns financial capital with a vision of a swimmable Birrarung. There are three aspects to this:
1. Prototype design of a Landscape Level Infrastructure Fund to support a swimmable Birrarung
 2. Support of the development of the Earth Bank to activate businesses along the Yarra/ Birrarung to invest in nature
 3. Sharing insights into the role of the Systems Capital lead at Regen Melbourne.

ENABLING RESILIENCE INVESTMENT ASSESSMENT

Output(s)	Indicator(s)	Outcome(s)
1 Report	4 active partners engaged to work with community groups and generate insights	Inform strategic discussion with government and communities about the design of investment models for the energy transition that deliver both net zero and resilience.

Inputs/Outputs 2022-23

PROJECT TIMELINE

- Year 1 of 1 year project

FUNDERS

- 🌱 CSIRO

REPORTS

- 📄 *A Town Like Cobargo – Enabling Resilience investment*

Overview

ACTIVITY TYPE

- 🌐 Strategic engagement

LEVER(S) OF CHANGE

- 📈 Markets & Business Models
- 💰 Finance & Investment

CHALLENGE OWNER(S)

- 🏠 CSIRO

Project background

Working with the community in Cobargo as a pilot, in this project, we documented an approach that can create an enabling policy environment to generate benefits for

multiple beneficiaries by designing for multiple objectives while incorporating disaster risk reduction, building specific resilience into the energy infrastructure as well as general resilience in communities, industries and the region through spreading risk, and value-stacking in the energy transition.

Outcomes

A report detailing a conceptual framework for a staged approach to increasing resilience in the energy transition and a partnership ready to scale this idea across Australia when funding is available.

Operations

Climate-KIC Australia Ltd (ABN 95 616 047 744) is a public company limited by guarantee registered under Australian Corporations Act on the 22nd November 2017. On the 4th August 2017 the company was registered as a charity with the Australian Charities and Not-for-profits Commission. The effective date of charity registration is 1st January 2017.

The company was added to the Register of Environmental Organisation's on 26th April

2018 providing DGR status to Climate-KIC Australia Ltd.

The company structure and governance balance Climate-KIC Australia's goal of agility with the need for transparency and clear accountability to its funders. A strong governance framework allows our lean organisation to maintain operating rigour.

| ENVIRONMENT

Climate-KIC Australia aims to minimise the environmental impact of operations and maximise the positive benefits from our work. Our office spaces are provided and accessed through our partners, which helps us ensure that they are the highest possible energy efficiency ratings. Our Sydney office is co-located with the ISF at UTS. The office has a six-star Green Star Interiors rating.

As a result, the main source of emissions from our operations come from air travel. Our modest domestic travel is offset at the time of purchase, and there was minimal international travel.

BOARD & TEAM

Directors as at 30 June 2023



Dominic McGann
Chair
McCullough Robertson
Lawyers



Fiona Bednarz
Suncorp



Professor Greg Morrison
Western Sydney
University



Sara Parrott
Hand Heart Pocket



Professor Mary Ritter
EIT Climate-KIC



Professor Stuart White
University of Technology
Sydney



Stephanie Ziersch
Independent Consultant

The Climate-KIC Australia Board met five times during 2022-23.

The Board has been supporting the review of strategic options for Climate-KIC Australia throughout FY23, while also refining its practices to drive improved performance of the organisation. The Finance and Risk Committee, chaired by Stuart White meets monthly to provide oversight of the organisations finances. The People Governance and Remuneration Committee, chaired by Stephanie Ziersch has met regularly to review and refine the governance of the board.

Climate-KIC Australia employs 17 staff that deliver our programs and projects.



PHILANTHROPY

As a charitable institution, endorsed as a deductible gift recipient (DGR) with the Australian Tax Office, Climate-KIC Australia is eligible to receive philanthropic donations. Philanthropic donations are a valuable addition to our partner and project funding and give Climate-KIC valuable capacity to generate large-scale multi-stakeholder collaborative projects. Throughout the financial year we cultivated relationships with foundations and family funds. We are now actively working with the board and team to generate new leads, improve awareness and find pathways to larger funding.

FINANCES

This section provides an overview of Climate-KIC Australia’s Profit & Loss, Financial Position and revenue generated over the past five years. Full audited accounts are available in the public domain via the [Australian Charities and Not-for-Profits Commission \(ACNC\)](#).

Profit & Loss

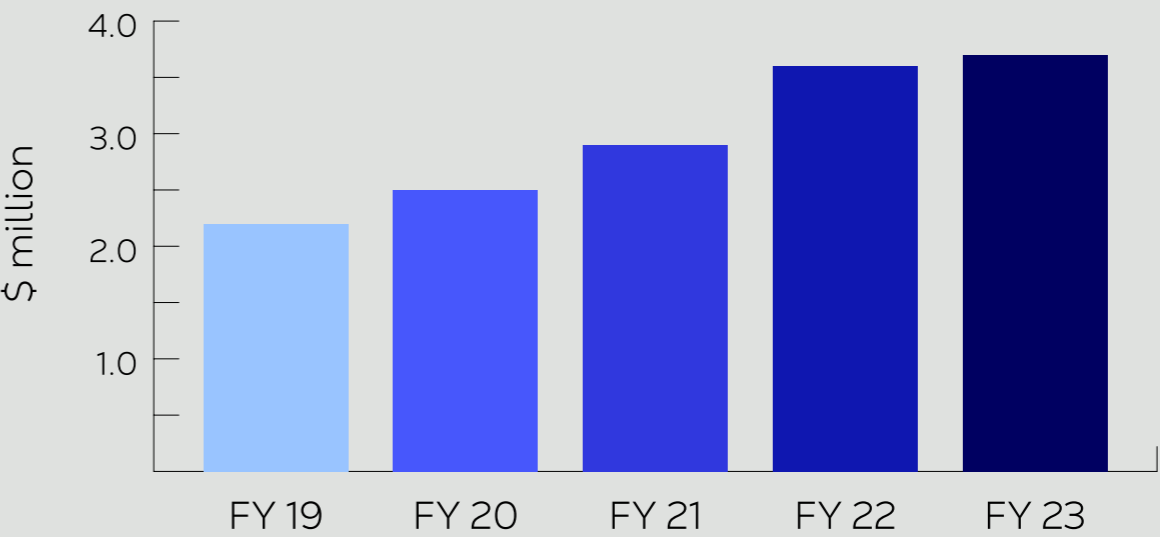
	2023 \$	2022 \$
Revenue	3,693,107	3,609,924
Other income	13,026	193,596
Direct project costs		
- Program delivery and administration	(1,561,147)	(1,537,662)
- Contractors and project employee costs	(1,178,128)	(942,454)
- Other direct project costs	(112,310)	(45,237)
Other employee costs	(455,133)	(738,187)
Administrative expenses	(260,404)	(462,868)
Professional fees	(73,000)	(59,732)
Depreciation and amortisation	(4,207)	(3,784)
Surplus for the year	61,804	13,596
Total comprehensive income for the year	61,804	13,596

FINANCES

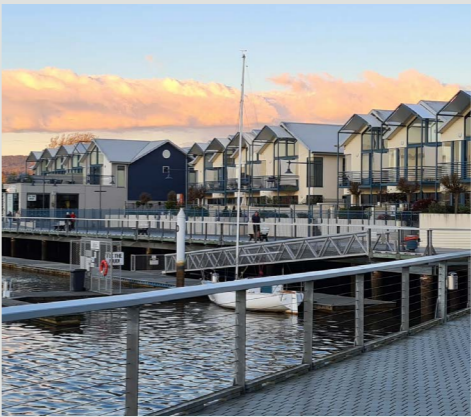
Statement of Financial Position

	2023 \$	2022 \$
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	269,343	392,267
Trade and other receivables	493,071	419,006
TOTAL CURRENT ASSETS	762,414	811,273
NON-CURRENT ASSETS		
Plant and equipment	22,362	21,376
TOTAL NON-CURRENT ASSETS	22,362	21,376
TOTAL ASSETS	784,776	832,649
LIABILITIES		
CURRENT LIABILITIES		
Trade and other payables	525,344	549,321
Employee benefits	92,926	87,326
Deferred funding and contributions income	-	91,300
TOTAL CURRENT LIABILITIES	618,270	727,947
TOTAL LIABILITIES	618,270	727,947
NET ASSETS	166,506	104,702
EQUITY		
Retained surplus	166,506	104,702
TOTAL EQUITY	166,506	104,702

Revenue 2019 - 2023



CAGR: **11%**





CLIMATE**KIC**
Australia

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