ANNUAL ACTIVITY REPORT
2017
CREATE A BIGGER IMPACT
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FROM THE CHAIR

THERE IS A REAL BUZZ AROUND MONASH SUSTAINABLE DEVELOPMENT INSTITUTE THIS YEAR.

We have welcomed 24 new staff as our programs grow and become more successful. I have noted a wonderful spirit of collaboration as we work together on research and education projects in sustainable development. I have also greatly valued the contribution of MSDI’s External Advisory Board this year who keep us informed of the latest trends and identify new opportunities for our work.

Australia and our region have some real challenges if we are to successfully implement the Sustainable Development Goals and transition to a low carbon economy. MSDI is ideally suited to aid this transition with our expertise in interdisciplinary research on sustainable development, our growing role in the education and training of sustainability leaders and our enterprising approach to solving societal challenges.

For me, a highlight of the past two years has been our closer relationship with faculties and staff across Monash. One of the key roles for MSDI is to bring together research expertise across Monash in major interdisciplinary projects like the Revitalising Informal Settlements and their Environments (RISE) program supported by the Wellcome Trust and the Asian Development Bank. This program involves five faculties across Monash and Monash Malaysia as well as expertise from renowned international universities. We have also successfully worked with a number of Monash faculties in launching the new Master of Environment and Sustainability.

Universities have much to offer government, civil society and industry as they tackle society’s major challenges. Too often, decision makers fail to call on the independent expertise of universities. However, MSDI and our initiatives, including ClimateWorks Australia and BehaviourWorks Australia, have developed a partnership model that has built trust and credibility with decision makers and is making a real difference in tackling tough sustainable development challenges.

In closing, I would like to thank Monash University, our supporters, funders and all the staff at MSDI for their contribution throughout 2017. I also pay tribute to Adam Majcher, ClimateWorks Australia’s Engagement Manager, whose sudden passing this year saw us lose a dear friend and colleague and in whose memory all of us at MSDI will continue striving to make a positive impact on the world.

Professor John Thwaites
Chair
FROM THE DIRECTOR

WELCOME TO THE 2017 MONASH SUSTAINABLE DEVELOPMENT INSTITUTE’S ANNUAL ACTIVITY REPORT

As I reflect on our 2017 achievements, I acknowledge how significant it was that in 2015 world governments agreed on 17 Sustainable Development Goals (SDGs) to promote economic prosperity, social inclusion and environmental sustainability for all. In 2016, we affirmed our commitment to the SDGs and became known as the Monash Sustainable Development Institute. We expanded our brief to leverage the breadth of expertise across all Monash faculties and have spent this year advancing the excellence in sustainable development research, education and enterprise by Monash.

If we are to meet the grand challenges of eliminating poverty, creating a just society and achieving a healthy planet, we must bring together the best minds from academia, industry, government and civil society. We must acknowledge that the interdependencies between the natural and human worlds, and the empowerment of people to understand and shape these conditions, is crucial to maintaining a healthy planet that supports healthy people.

Monash aims to be an internationalised, enterprising and inclusive university. At MSDI, we take a partnership approach — building connections with industry, government, university and community partners to offer solutions that can have real impact on policy and practice.

Our vision is that MSDI will be a world leading research and education institute that catalyses sustainable development solutions to global challenges. Engaging across disciplines, networks and sectoral priorities, we will drive innovation and encourage solution pathways to sustainable development challenges — ultimately leading to improved conditions for both the planet and its people. I want to especially thank our Monash partners and external funders — from industry to governments and philanthropic organisations — who have also committed to achieving this vision.

Finally, I also extend my heartfelt thanks to MSDI’s staff for their significant contributions in 2017 and honour the memory of Adam Majcher who was not only a highly valued staff member but also a significant influencer within the climate community. Adam was passionate, enquiring, a connector of ideas and a leader amongst people. He will be greatly missed.

Professor Rebekah Brown
Director
ABOUT THE INSTITUTE

Monash Sustainable Development Institute is driven to find real solutions to some of the most significant challenges facing our world today.

We live in a world with all kinds of passionate, innovative individuals — working hard to improve our planet, and the lives of those on it.

But to make sure the world meets the needs of future generations, we need to act today. To bring the thinkers and doers together with a platform to collaborate, to educate, to implement – and to make an even bigger impact both here in Australia and across the globe.

Monash Sustainable Development Institute is that platform.

As one of the leading interdisciplinary research and education institutes for sustainable development around the globe, Monash Sustainable Development Institute is harnessing Monash University’s strength to address the 17 United Nations Sustainable Development Goals. And with so many thinkers and doers from university, government, industry and the community, we don’t just believe we can turn ideas into action to make a bigger impact.

We know we can.

To learn more about any of the projects or programs featured in this report, or to partner with us on future projects, please get in touch:

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As Australia’s largest tertiary institution, Monash University is in a unique position to practise and promote behaviours that contribute to sustainable development within the local, national and global communities.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE POLICY

Monash University’s Environmental, Social and Governance statement (ESG) illustrates how the university will tackle climate change through its teaching, research, engagement, investment and campus operations. The policy statement commits the university to heightened levels of environmental and social sustainability. It was developed by a working group chaired by The Honourable Simon Crean and included Professor Rebekah Brown (Director, MSDI), Mr Mark Cubit and Professor Simon Molesworth AO QC.

COMMITMENT TO THE SUSTAINABLE DEVELOPMENT GOALS

Monash University is a committed signatory to the UN Principles for Responsible Management Education (PRME) and a participant of the UN Global Compact Network. In 2017, Monash also signed a landmark university commitment to the Sustainable Development Goals (SDGs). This affirms the university’s intention to support and promote the SDGs through research, education and operations, as well as reporting on activities in support of the goals.

INTERNATIONAL RECOGNITION FOR A WORLD FIRST CLIMATE BOND

In 2017, Monash University received international recognition for becoming the first university in the world to raise funds by issuing a climate bond. The university was presented with a formal certificate of achievement at the Green Bond Pioneer Awards held by the Climate Bonds Initiative in partnership with the City of London and the Green Finance Initiative. The awards were developed to recognise pioneers who, through their actions, have demonstrated the potential of green bonds, energised the market and, by positive example, have called investors, governments and business to action.

MONASH AND STANFORD — PARTNERS FOR PLANETARY HEALTH

Monash and Stanford Universities formally agreed to join forces on research in planetary health after signing a statement of co-operation in the US. The agreement will see the two universities working together to develop cross-sector and multidisciplinary solutions to address the most critical challenges around the globe. The partnership will help grow this area of research, drawing on respective strengths to deliver impact in policy and practice.

AUSTRALIA’S FIRST 100% RENEWABLE ENERGY POWERED UNIVERSITY

In 2017, Monash University announced that it expects all of the energy used on its campuses to be clean and renewable by the year 2030. The university is investing $135 million to achieve its aim with a project called Net Zero.

The project draws on modelling, produced by ClimateWorks Australia for Monash University, that shows the path to Net Zero.

Building has already commenced at the Clayton campus for an on-site microgrid that will help the university control when and how energy is used. The Monash microgrid will be connected to the Victorian energy grid, which in the future can reduce the demand and strain on the network during peak times.

The university will lower its overall energy consumption, eliminate the use of gas and move to 100% electricity which will ensure that all energy consumed is derived from renewable sources.

Monash is the first Australian university to commit to an energy reduction target and is proud to be a leader in taking action on climate change.
“Monash is the first Australian university to commit to an energy reduction target and is proud to be a leader in taking action on climate change.”
RESEARCH THAT MAKES A DIFFERENCE

MSDI has a wealth of sustainable development expertise and an international reputation for research excellence. So we’re perfectly placed to bring the thinkers and doers together to help solve some of the world’s most pressing problems.
GLOBAL EFFORT TO LIFT HEALTH OF THE WORLD’S POOREST

This year, a $14 million grant was awarded by the Wellcome Trust to a global, interdisciplinary consortium led by MSDI, in an effort to revitalise water management and sanitation practices in urban informal settlements.

The ambitious Revitalising Informal Settlements and their Environments (RISE) program was one of only four selected from over 600 applications globally, as part of the Wellcome Trust’s prestigious Our Planet, Our Health funding program, with additional support from the Asian Development Bank.

THE WATER AND SANITATION CHALLENGE OF URBANISATION

More than one billion people live in informal settlements around the world and over two billion live without basic sanitation. Climate change and rapid population growth are making it more difficult for informal settlement communities to manage their water and sanitation needs. Polluted water supplies and inadequate sanitation are leading causes of disease in these environments. A more versatile and resilient approach is needed to achieve SDG6: clean water and sanitation for all.

NEW APPROACHES TO HEALTH THROUGH WATER MANAGEMENT

RISE is facing this challenge, providing unprecedented insight into an environmentally and economically sustainable approach to water management. The Water Sensitive Cities approach integrates nature-based solutions, such as constructed wetlands, into buildings and landscapes to establish a connected cycle of available water sources. RISE is working alongside communities in 24 settlements in Indonesia and Fiji to design location-specific water sensitive solutions, enabling these communities to independently harvest rainwater and stormwater, recycle wastewater, and protect against flooding and pollution. Success will be measured by the health of residents, particularly children under five years of age, and improvements in the surrounding environment.

OUR PROGRESS

Since commencing in August, RISE has made significant progress. Highly experienced in-country teams have been established and strong partnerships forged with local and international institutions. International advisory panels are being finalised and governments in both locations have committed their full support. Community-led and socially inclusive, RISE is applying a community co-design process for each site, working closely with residents and local leaders.

This co-design process has already been successfully undertaken for two pilot sites, with construction scheduled to start in March 2018. All 24 informal settlement sites have now been selected, with community engagement to be completed by the end of 2017 and co-design to start in early 2018.

GLOBAL INTERDISCIPLINARY EXPERTISE

Led by MSDI, RISE brings together global expertise from five Monash University Faculties (Art, Design and Architecture, Business and Economics, Engineering, Medicine, Nursing and Health Sciences, and Science), CRC for Water Sensitive Cities, Stanford University, Emory University, The University of Melbourne, University of Cambridge, Fiji National University, Hasanuddin University, The University of the South Pacific, United Nations University, Melbourne Water, South East Water, Oxfam, WaterAid, and the Wellcome Trust Sanger Institute.

MSDI is proud to be involved in a project that will foster research excellence in the field of sustainable development, and provide the infrastructure needed to help people living in informal settlements escape the poverty cycle and improve their prosperity. It is hoped that RISE will become a blueprint to guide infrastructure policies and investment strategies for informal settlements around the world.
“RISE will become a blueprint to guide infrastructure policies and investment strategies for informal settlements around the world.”
“...the Queensland Government set a target of net zero emissions by 2050, after commissioning ClimateWorks to analyse the state’s emissions reduction potential.”
COUNTING DOWN TO NET ZERO EMISSIONS

MSDI’s ClimateWorks Australia, a partnership between The Myer Foundation and Monash University, has contributed significantly to the national climate conversation in 2017.

REPORTS

Our Power Up report, released in 2017, showed how Australia’s electricity sector can cut emissions by 60 per cent below 2005 levels by the year 2030. We also contributed to the CSIRO Low Emissions Technology Roadmap Report, which analysed how changes in the electricity, industrial energy and transport sectors could help Australia meet its emission targets for 2030 and beyond.

PUBLICATIONS

We authored a guide: The Global Transition to a Two Degree Economy Has Begun. Here’s How You Can Prepare, to help businesses prepare for a low carbon future. We worked with Seed Advisory to identify and drive solutions to safeguard electricity supply, which can be found in our report Plug and Play. We authored the State of Electric Vehicles in Australia report for the Electric Vehicle Council, and our report, Solving the Gas Crisis, demonstrated how Australia has the potential to reduce its reliance on gas by 25% by 2030, helping to ease the nation’s east-coast gas shortage.

Our issues paper Taking the Long View, which was released ahead of the COP23 climate conference, explored why a long term approach for the developing world is critical to achieving sustainable development goals and climate safety.

WORKING WITH GOVERNMENT

In 2017, the Queensland Government set a target of net zero emissions by 2050, after commissioning ClimateWorks to analyse the state’s emissions reduction potential. We also worked directly with the Victorian Government on their Independent Review of the Climate Change Act 2010. Our recommendations were key to the state passing legislation this year which enshrined a net zero emissions by 2050 target in law.

SUBMISSIONS

A number of submissions were lodged in 2017, including one to the Independent Review into the Future Security of the National Electricity Market. The submission drew on existing research and highlighted the role that the electricity sector has to play in governing energy security, energy equity and environmental sustainability.

Our submission to the Review of Australia’s Climate Change Policies outlined the importance of achieving net zero emissions by 2050.

Our joint submission with Future Climate Australia to the Ministerial Forum on Vehicle Emissions, showed how improving light vehicle fuel efficiency will help deliver Australia’s international climate commitments, improve air quality, reduce health impacts and contribute significant financial savings to the Australian economy.

PATHWAYS TO PROSPERITY

In 2017, we conceptualised the Pathways to Prosperity program which aims to help build capacity to shape and implement long term, lowest emissions development pathways for up to ten developing countries across Southeast Asia and the Pacific Islands region.

The program helps identify and address barriers to implementation, improve access to climate finance, reduce transaction costs and also supports the design and implementation of pathways aligned to several SDGs.

CONFERENCE PRESENTATIONS
CHANGING BEHAVIOUR

MSDI’s BehaviourWorks Australia brings leading behaviour change researchers and practitioners together to find behavioural solutions to real-world problems.

IMPROVING PATIENT SAFETY
In March 2017, BehaviourWorks joined forces with the Victorian Managed Insurance Authority to commence a $1.5 million program that aims to improve patient safety in the public health system. Our researchers are reviewing world-leading research and healthcare practices to identify opportunities for improvement, then investigating behavioural enablers and barriers to implementing these practices in Victorian healthcare services.

SMS REMINDERS TO IMPROVE VACCINATION RATES
The Secondary Schools Vaccination Program is funded by the Australian Government. We worked together with the Department of Premier and Cabinet, the Department of Health and Human Services, and several local councils in Victoria to conduct a study that showed that SMS reminders significantly improved Human Papillomavirus vaccination rates in high school students and improved herd immunity for people in those communities.

REDUCING THE NUMBER OF NON-EMERGENCY 000 CALLS
We collaborated with the Victorian Government and The Shannon Company to try to reduce the number of non-emergency calls made to 000. The high volume of non-emergency calls has a big impact on paramedics’ ability to respond to life-threatening situations. We conducted a literature and practice review, and worked closely with stakeholders to create, monitor and evaluate a marketing campaign that used real-life stories to illustrate the importance of saving 000 calls for emergencies.

ENCOURAGING USE OF ONLINE GOVERNMENT SERVICES
We worked with VicRoads to encourage the community’s use of online services. In the study, customers were invited to complete a form online rather than wait in a queue. Customers were also provided with support and education materials to encourage them to use online services in future. The interventions increased uptake of the service and provided other benefits, such as cost savings and efficiency. This study is the first of its kind and will be used to encourage the use of online services in other areas of government.

BENCHMARKING DIGITAL PARTICIPATION IN AUSTRALIA
We also worked with Australia Post to help increase digital adoption in Australia and identify the current drivers and barriers to technology use. Figures from the Australian Bureau of Statistics suggest that around 15% of Australians rarely or never use the internet, leaving these Australians at risk of being left behind. We conducted a rapid review and a national social survey to benchmark levels of digital use and identify behavioural user groups. Findings were published in a Digital Participation whitepaper and Digital Inclusion report in August 2017 with further research to be conducted in 2018.
“We…worked closely with stakeholders to create, monitor and evaluate a marketing campaign that used real-life stories to illustrate the importance of saving 000 calls for emergencies.”
“We developed tools and processes necessary to create Water Sensitive Cities that are resilient and liveable in the face of climate change and population growth...”
WORKING WITH WATER

MSDI’s Monash Water Sensitive Cities program conducts interdisciplinary research to address challenges in urban water management in Australia and around the world.

INTERDISCIPLINARY COLLABORATION

In 2017, MSDI collaborated with researchers from Arts, Science, Engineering, Architecture, Law, Medicine and Economics in interdisciplinary research and development for the Cooperative Research Centre for Water Sensitive Cities.

Our research this year examined the technology and information required to support the delivery of water to Water Sensitive Cities. We also explored how culture, institutions and human systems can affect the adoption of innovative ideas and processes.

CREATING LIVEABLE AND RESILIENT CITIES

We worked with a range of stakeholders to develop tools and processes necessary to create Water Sensitive Cities that are resilient and liveable in the face of climate change and population growth. We collaborated on water sensitive designs in urban areas, as well as data models that assess opportunities for cooling and climate management.

WATER SENSITIVE CITIES INDEX

A web-based Water Sensitive Cities Index was developed to help businesses, governments and communities benchmark their performance and contribute to the development of fully sustainable, resilient and liveable cities. The Index has been adopted as an important component of Integrated Water Management in the urban planning process. To date, the index has been used by 18 cities around Australia, in addition to the city of Kunshan in China.

18 CITIES IN AUSTRALIA ADOPTED THE WATER SENSITIVE CITIES INDEX

Image Credit // CRC for Water Sensitive Cities
GRADUATE RESEARCH INDUSTRY PARTNERSHIPS

MSDI is proud to host masters, honours and doctoral students conducting exciting research in the areas of environmental, social and economic sustainability and climate change.

The Monash Graduate Research Industry Partnership program (GRIP) has been developed in response to rising demand for researchers with interdisciplinary capabilities and the readiness to apply their expertise to solving real world problems in industry.

This innovative PhD program provides an opportunity for students to work on issues of global significance, with a focus on academic mentoring, industry internships and field work.

WATER AND SUSTAINABILITY IN ASIA GRIP

The Water and Sustainability in Asia GRIP (hosted by MSDI), brings together PhD students and supervisors from Engineering, Arts, Monash Art Design and Architecture (MADA) and MSDI to develop innovative water technologies, policy developments and social practices that will help Asian cities become more sustainable.

BEHAVIOUR CHANGE GRIP

In 2017, MSDI recruited for a GRIP through BehaviourWorks Australia to give researchers an opportunity to study the relationship between behaviour change and sustainable development. Commencing in 2018, this program will ensure that our research continues to solve real-world problems that will transform individuals, communities and nations.

16 PHD STUDENTS IN 2017
LEAPFROGGING TOWARDS WATER SENSITIVE URBAN DESIGN

Monash and the Australia-Indonesia Centre are partnering on research to improve access to clean water, prevent disease and environmental pollution from wastewater and reduce the impact of storms and flooding in Indonesia and Australia.

In Indonesia, more than 70 per cent of the population relies on water from contaminated sources. Its rapidly growing cities are also under economic and environmental pressure to develop effective social services, water, transport, and energy systems. In Australia, cities are also experiencing droughts, floods and heat waves, as governments invest in energy intense solutions such as desalination plants.

THE OPPORTUNITY

Australian cities are now adopting water-sensitive approaches, and Indonesian cities have an opportunity to avoid repeating the mistakes that developed cities have made by moving straight to Water Sensitive Urban Design (WSUD).

A COLLABORATIVE PARTNERSHIP

Managed by MSDI, a multidisciplinary team across Faculty of Arts, Engineering and Monash Art Design and Architecture (MADA) are partnering with researchers at Universitas Indonesia and Institut Pertanian Bogor on the Australian Federal Government funded $2.1 million Urban Water research project. With the aim of developing sustainable socio-political and biophysical urban water solutions for case study sites around Bogor, Indonesia, the research will deliver Water Sensitive Urban Design strategies, guidelines and tools for tackling water-related challenges at the site level which have the potential to influence other cities in the region.

A NEW LEARNING ALLIANCE

Led by Monash Water Sensitive Cities researchers, an Urban Water Learning Alliance has been established involving 41 academics and 25 graduate research students across the 3 universities, including 8 PhD students from the Water and Sustainability in Asia GRIP. The Urban Water Learning Alliance network connects researchers with government, industry and community, provides a platform for education on WSUD concepts and also the translation of research outcomes to make impact on the ground.
“The partnership creates world-class research that addresses the root causes of poverty affecting people around the world.”
OXFAM-MONASH PARTNERSHIP

MSDI hosts the Oxfam-Monash Partnership, which pairs academics across Monash University with Oxfam’s field-based teams and communities.

WORLD CLASS RESEARCH

The partnership creates world-class research that addresses the root causes of poverty affecting people around the world.

In 2017, our research on gender equality and microfinance in Timor Leste brought together researchers from the Asia Pacific, United States and United Kingdom with the support of the Australian Social Sciences Academy and the Research for Development Impact Network.

We were honoured to share the findings of our research on women’s participation in agriculture and sustainable livelihoods to a diplomatic mission from Sri Lanka in March 2017.

STATE OF EVIDENCE ON MIGRATION, GENDER AND DEVELOPMENT

Our team collaborated with the Border Crossing Observatory (Faculty of Arts) on a suite of papers that captures the state of evidence on migration, gender and development, providing a foundation for Oxfam’s advocacy on migration and humanitarian population movements around the world.

RESEARCH INTO GENDER-BASED VIOLENCE

We commenced work on a social norms study with regards to gender-based violence in the Solomon Islands together with the Jean Hailes Research Unit and the Equality Institute. The project was awarded US$150,000 from the World Bank Sexual Violence Research Initiative over two years to expand the evidence for primary prevention in this area.

US$150,000 AWARDED TO HELP PREVENT FAMILY AND SEXUAL VIOLENCE IN THE SOLOMON ISLANDS

Women’s Empowerment Microfinance in the Asia Pacific (WEMAP) workshop.
Interdisciplinarity is at the heart of MSDI and is key to achieving the Sustainable Development Goals.

To foster interdisciplinary opportunities across Monash University, in 2017 MSDI undertook an ambitious and complex task to identify and map research areas and individual researchers whose work supports the SDGs across all of Monash University’s Australian campuses.

THE MAPPING PROCESS

The mapping process was based on social network analysis and drew upon Business Intelligence data, keywords, research publications and awards information to provide data for the mapping. Although the tool was initially developed to map SDG related research, it can now also be used to harvest and map key research data in a range of other research contexts across the wider university.

SPOTLIGHT ON RESEARCH

The SDG mapping project has helped us identify the number of Monash researchers working in SDG related fields, and spotlight individuals, their areas of research, levels of activity and interdisciplinarity, as well as highlight our strengths and areas for development.

DEEPER ENGAGEMENT

We are now using the mapping to engage more deeply with researchers, disciplines and faculties, as well as with external parties such as industry and government. Most importantly, we can now identify emerging opportunities for interdisciplinary research projects, and connect and foster new networks and collaborations for future world-changing research and partnerships.

“We can now identify emerging opportunities for interdisciplinary research projects, and connect and foster new networks and collaborations for future world-changing research and partnerships.”

1700+
MONASH UNIVERSITY RESEARCHERS WORKING IN SDG RELATED FIELDS
A GUIDE TO SDG INTERACTIONS

Countries around the world are facing a significant challenge: how can they achieve the 17 Sustainable Development Goals and the 169 targets that sit beneath them by 2030?

MSDI’s Professor Dave Griggs was lead editor and co-author of an international team of three authors on the International Council for Science’s A Guide to SDG Interactions: From Science to Implementation. The report, released in May 2017 examines the various goals and targets to identify how they reinforce and conflict with each other, providing a blueprint for countries around the world.
FOOD, ENERGY AND WATER NEXUS

MSDI’s interdisciplinary work on the Food, Energy and Water Nexus was one of only 20 initiatives selected from over 330 international applications to present at the Ideas and Innovation Forum as part of the 7th International Conference on Sustainability Science in Stockholm in 2017.

MSDI’s Dr Shirin Malekpour presented to a global audience of policy makers, media, and academics on the Nexus initiative, which explores the interdependencies between food, energy and water systems and integrating them for more sustainable consumption and production.

Our campus-based case study will feed into the United Nation’s High Level Political Forum in 2018, which tracks progress on the 2030 Agenda on Sustainable Development.

THE INITIATIVE

MSDI has partnered with Monash Energy Materials and Systems (MEMSI) and Monash Food and Agriculture Innovation on this initiative to mobilise interdisciplinary research across the university, in partnership with industry, government and the community. Our aim is to identify key challenges and innovate ways in which our food, energy and water systems can be transitioned simultaneously towards a more sustainable future.

THE WORKSHOP

The kick-off for this exciting project was a workshop in June to uncover the sustainable development challenges that exist in this space and explore how we could use the university’s Clayton campus as a living laboratory for our research.

Over 40 experts from across nine Monash faculties, centres and divisions joined industry leaders to generate ideas and concepts for potential projects. The project will build on our existing research strengths, stimulate new research, provide educational opportunities for our students and contribute to a more sustainable Monash. If successful, these concepts have the potential for wider application in cities across the world.

“If successful, these concepts have the potential for wider application in cities across the world.”
EDUCATION THAT SPARKS A CHANGE

There is a growing demand for professionals from a range of disciplines who can work together to help achieve the Sustainable Development Goals. At MSDI, we work with experts around the world to deliver education that prepares the leaders of tomorrow.
2017 was a milestone year for accredited education at MSDI, with five new units offered and a significant expansion in student numbers.

Over 50 educators, researchers and industry practitioners from MSDI and its networks contributed their expertise to the rich, interdisciplinary suite of units. Student evaluations have been outstanding and the team looks forward to building on this strong foundation in years to come.

POSTGRADUATE EDUCATION

The Master of Environment and Sustainability — Monash University’s first cross-faculty masters course, is a collaboration between the Faculties of Science and Arts, Monash Business School and MSDI, and aims to build students’ capacity to influence and lead change toward a more sustainable future.

In 2017, MSDI launched Australia’s first Leadership for Sustainable Development specialisation within this Masters program. This includes Australia’s only postgraduate unit on behaviour change for sustainability. MSDI also co-delivers the Perspectives on Sustainability core unit in collaboration with the Faculty of Arts. The Masters program has attracted learners from every continent and a broad range of professional backgrounds, combining peer learning with a diverse range of educators and guests to integrate theory and knowledge into practice.

Our masters unit on climate change and carbon management strategies, developed by ClimateWorks Australia and delivered as part of the Master of Business, attracted record numbers this year. The unit helps students understand the political, environmental, regulatory and economic impacts of climate change in Australia and around the world. Students analyse the carbon footprint of a business and develop an applied decarbonisation strategy based on ClimateWorks’ impact-focused framework.

We also delivered a module within the International Water Centre’s Master of Integrated Water Management, called Urban Futures — Delivering Water Sensitive Cities. The module helps students envision a new paradigm for innovative water practice, which not only tackles classic water problems such as sanitation and drought, but also underpins urban transformation toward more liveable, resilient and productive cities, in Australia and overseas.

UNDERGRADUATE EDUCATION

In 2017, we delivered an undergraduate capstone, Sustainable Practice and Organisations unit, through the Monash Business School. This unit, now offered twice a year, enables students to understand the challenges associated with global sustainable development and the role of business in developing innovative solutions to address these.
“The Master of Environment and Sustainability has attracted learners from every continent and a broad range of professional backgrounds, providing a valuable opportunity to integrate theory into practice.”
“I feel empowered that I can go into an organisation, add value and make a real change.”

– Milly, Green Steps participant
EXTRA-CURRICULAR PROGRAMS

Our award winning extra-curricular programs are engaging the next generation of leaders and training them to lead from where they are.

**GREEN STEPS**

In 2017, MSDI delivered its flagship award-winning Green Steps @ Uni course to students from Monash Clayton and supported a team to run the program at Monash Malaysia. Green Steps involves five days of highly interactive group training, where students gain practical skills and the confidence required to plan, champion and deliver sustainable development projects in the workplace. Following the training, students applied their learning to a 15-day sustainability project in consultation with staff from the university’s Office of Environmental Sustainability.

**TRANSFORMING THE FUTURE — LEADERS PROGRAM**

Our new Transforming the Future — Leaders Program was held twice in 2017, attracting applications from more than 200 high-achieving scholars from Monash Business School. The 60 successful applicants were chosen for their leadership potential and interest in sustainability to participate in an in-depth, five-day program designed by MSDI to nurture the next generation of business leaders.

During the program, the students are challenged to engage with local businesses, analyse their sustainability performance with the B-corp framework, and provide practical recommendations for improvement.

**TAKE ONE STEP**

Our Take One Step online platform aims to engage and educate students on sustainable development. The interactive, socially-driven platform uses the Sustainable Development Goals framework as a way for students to learn about global challenges that may impact their lives and future careers, while reporting on tangible actions toward sustainability in their own lives. In 2017, following a successful pilot of the program with the Monash Business School, Monash students used the platform to showcase their interest in the SDGs and demonstrate their leadership to be eligible for the Green Steps program.

172 SUSTAINABILITY CHAMPIONS IN 2017
MSDI offers a range of professional resources and tailored executive education for individual leaders and organisations.

PROFESSIONAL DEVELOPMENT

In 2017, we designed and delivered a professional development module for Monash University academics called Enhancing Learning using Sustainability. The module provided Monash academic staff with the tools and resources to embed sustainability principles and approaches into their teaching.

EXECUTIVE EDUCATION AND TAILORED TRAINING

In 2017, our BehaviourWorks team delivered a range of short courses and training programs to improve behaviour change literacy among government and industry professionals. We also commenced development on customised programs on Integrated Water Management and Leadership which will be delivered in 2018. Moving forward, we will expand our offering into areas such as energy and climate change to ensure our world-class research is translated into programs that make a real difference.

EDUCATIONAL RESOURCES

A repository of over 400 short high quality videos were produced by MSDI in collaboration with the Monash-Warwick Alliance to create flexible learning content to bring sustainability issues to life. Derived from interviews with 19 sustainability leaders ranging from CEOs to young entrepreneurs, the clips focus on themes of sustainable development, collaboration, innovation, leadership, and the role of business and government in achieving positive change toward sustainability. Videos are already being rolled out in relevant courses across Monash and can be repurposed and integrated into online work, seminars and workshops to showcase diverse viewpoints and voices.

Online learning modules

A collection of co-curricular online learning modules were also developed to introduce the concept of sustainable development, its relevance to learners, and to explore key sub-themes: the UN Sustainable Development Goals, leadership, the role of business, and the need for interdisciplinary perspectives and collaboration to address global challenges. The modules will be a resource for use by Warwick University and Monash faculties and academics to embed within their curricula.

EXECUTIVE EDUCATION STUDENTS IN 2017

630+
“A collection of co-curricular online modules were developed to introduce the concept of sustainable development.”
ENGAGEMENT THAT INSPIRES

To ensure our sustainable development solutions are adopted into practice, we engage with a range of networks, industries, businesses and governments.
ENGAGING WITH THE USA

G’DAY USA

Our international work in water management and planetary health was showcased as part of the Australian Government’s G’day USA program in April 2017.

Professor Rebekah Brown, Director of MSDI, delivered a joint keynote presentation about the Revitalising Informal Settlements and their Environments (RISE) program with project partner, Professor Stephen Luby, Director of Research at Stanford University’s Center for Innovation in Global Health.

Held at Stanford University, the presentation was part of G’Day USA’s Water Dialogue on Water Management and Drought Solutions Forum. The forum brought together Australian and Californian water experts and leaders to discuss practical solutions to drought preparedness and long term water management.

G’Day USA is Australia’s premier public and economic diplomacy program in the United States designed to showcase Australian capabilities to the US market and is organised by Australia’s Department of Foreign Affairs and Trade (DFAT).

ALUMNI SUSTAINABLE DEVELOPMENT EVENT — NEW YORK CITY

We hosted a Monash University Alumni reception at the National Australia Bank’s (NAB) New York City office in September 2017, during the week of the International Conference on Sustainable Development (ICSD).

The event brought together New York-based Monash Alumni and a visiting delegation from Monash Australia to connect, discuss and share ideas on sustainable development.

Global Head of Corporate Strategy for the world’s largest asset manager — BlackRock — and New York based Monash Alumna, Geraldine Buckingham, was keynote speaker at the event and discussed the important role of business in progressing the 2030 Agenda.

Steve Lambert, Executive General Manager of Capital Financing at NAB, also presented on green and social bonds. Other speakers included MSDI Chair and Global Co-Chair of Sustainable Development Solutions Network, Professor John Thwaites and Head of Engagement at ClimateWorks, Meg Argyriou who shared Monash University’s commitment to climate action and the Sustainable Development Goals.

“Our international work in water management and planetary health was showcased as part of the Australian Government’s G’day USA program.”
ENGAGING WITH INDONESIA

AUSTRALIA-INDONESIA LEADERS PROGRAM

MSDI and the Urban Water Research Cluster hosted more than 30 delegates from government, business, academic and media organisations in May 2017, as part of the Australia-Indonesia Leaders Program at Monash University.

Delivered twice annually over 10 days across Jakarta, Melbourne, Canberra and Sydney, the program aims to develop strong relationships between future leaders from both nations as they move into national leadership positions.

The theme of this year’s program was Future Cities where delegates explored how cities of the future will look and operate.

Whilst at Monash, delegates attended presentations on how water sensitive urban design can help developing cities leapfrog from older water technology straight to clean, green technology.

Delegates also had the opportunity to visit Monash University’s virtual reality platform CAVE2. There they experienced an immersive simulation of the impact of rising water levels in the Melbourne suburb of Elwood.

The City of Melbourne hosted a guided walking tour of the Docklands precinct so delegates could experience water sensitive urban design in a real world context.

Six Water and Sustainability in Asia GRIP PhD students presented their research to the delegates, providing an opportunity for feedback and potential future collaboration.

URBAN WATER LEARNING ALLIANCE — INDONESIAN WORKSHOPS AND LAUNCH

Focus groups, workshops and masterclasses

In November 2017, MSDI and the Australia-Indonesia Centre (AIC) in collaboration with Universitas Indonesia and Institut Pertanian Bogor officially launched the Urban Water Learning Alliance and held a series of focus groups, masterclasses and workshops in Bogor, Indonesia.

Participants came from government, industry, academia and the community. Attendees were trained by Australian and Indonesian thought leaders in Water Friendly City approaches and were exposed to a range of innovative best practice methods in urban water management and water sensitive urban design.

The workshops and focus groups helped benchmark Indonesian cities against a range of Water Friendly City indicators and opened dialogue about a water friendly vision for Indonesian cities and potential opportunities for advancement.

Launch event

The Urban Water Learning Alliance launch event was attended by over 120 water champions who also participated in the workshops. Keynote speeches were delivered by the Mayor of Bogor, Bupati of Bogor Regency, Director of the AIC (Indonesia), the President of Sentul City and the Rektor IPB.

Keynote speakers discussed the importance of Indonesia and Australia working together to understand how our cities can develop more sustainable water practices and create leapfrogging opportunities to greener, cooler and more resilient cities of the future.
“Attendees were trained by Australian and Indonesian thought leaders...and were exposed to a range of innovative best practice methods in urban water management and water sensitive urban design.”
“The Generation Yes program is based on research that shows Australia can achieve net zero emissions by 2050, while the economy continues to grow.”
REFRAMING PUBLIC UNDERSTANDING

GENERATION YES

Our ClimateWorks Australia team continued to roll out its national engagement and education program Generation Yes, reframing Australia’s climate conversation to one focused on the availability of solutions and the benefits of taking action on climate change.

The Generation Yes program is based on research that shows Australia can achieve net zero emissions by 2050, while our economy continues to grow. It aims to spread this message beyond policy makers and big business to ensure all Australians know there is a detailed plan to address climate change, and to highlight the benefits and opportunities this will bring.

THE CHANGE ROOM — WHERE RESEARCH MEETS ENTERTAINMENT

BehaviourWorks Australia’s The Change Room is a live event showcasing research insights and quirky truths from the behavioural sciences to a non-academic audience.

Each event examines different aspects of behaviour, giving audiences a better understanding of why we behave the way we do. We held sell out Change Room events in Sydney and Melbourne during 2017, attracting strong crowds from the private and public sector.

Topics we explored included Assumptions (the dangers of making up your mind before knowing the facts); Priming (how being primed for something affects how we react to it); Ethics (how everything we do has an ethical dimension); and Media (how the media influences our behaviour).

600+ CHANGE ROOM ATTENDEES

4.7M+ PEOPLE REACHED THROUGH GENERATION YES ENGAGEMENT
MSDI’s Monash Water Sensitive Cities program worked closely with the Victorian Government in the development of the Water for Victoria plan, which provides a framework for how the Victorian Government will support the development of sustainable water systems to respond to the impact of climate change and a growing population.

Integrated Water Management (IWM) Forums will implement these strategies into every region of Victoria, ensuring the government, water sector and community work together to plan, manage and deliver water to Victoria’s towns and cities.

We will play a lead role in an IWM Reference Group established to provide expert advice on strategic and policy issues that support the delivery of Integrated Water Management programs across Victoria.

Our Water Sensitive Cities program has played a leading role in the development of the Resilient Melbourne’s Integrated Water Management Support Working Group, which aims to provide capacity and knowledge to local governments in Melbourne involved in Integrated Water Management activities.

We have led the development of the International Water Association’s Principles for Water Wise Cities. These principles have now been adopted by over twenty cities and organisations globally (including Melbourne and Brisbane) and are providing guidance on how water can be incorporated into planning and design processes to generate resilient and liveable outcomes.

20+ CITIES AND ORGANISATIONS ADOPTED PRINCIPLES FOR WATER WISE CITIES
“[We have] played a leading role in the development of the Resilient Melbourne’s Integrated Water Management Support Working Group, which aims to provide capacity and knowledge to local governments in Melbourne...”
“We...are now working with the SDSN Secretariat and other SDSN regional and country networks to translate the guide into other languages...”
GETTING STARTED WITH THE SDGS IN UNIVERSITIES

MSDI was a major contributor to the development of an important publication: *Getting Started with the SDGs in Universities: A Guide for Universities, Higher Education Institutions, and the Academic Sector.*

The guide was prepared by the Sustainable Development Solutions Network (SDSN) Australia/Pacific, in collaboration with the Australasian Campuses Towards Sustainability (ACTS), the global SDSN Secretariat, and Australian and New Zealand universities. As the host of SDSN Australia/Pacific, MSDI led the development of the guide.

It highlights the important role that universities play in implementing the Sustainable Development Goals, with practical guidance on how they can accelerate their contributions through research, teaching, operations and leadership. The guide also features a number of case studies on how universities across Australia are contributing to the advancement of the SDGs.

The guide was launched at a Universities Australia Vice-Chancellor event in August 2017 by Universities Australia Chair (and Monash Vice Chancellor) Professor Margaret Gardner. In September 2017, it made its international debut at a meeting of the Global SDSN Leadership Council at Columbia University, New York, where it was launched by the Director of SDSN, Professor Jeffrey Sachs, Malaysian philanthropist Tan Sri Dr Jeffrey Cheah, AO, and MSDI Chair and Global SDSN Co-Chair, Professor John Thwaites.

Professor Thwaites also presented the guide to over one thousand people at the *International Conference on Sustainable Development*, and to United Nations Ambassadors at an SDSN reception.

We have received exceptional feedback on the guide’s usefulness from around the world, and we are now working with the SDSN Secretariat and other SDSN regional and country networks to translate the guide into other languages and collect additional case studies on how other universities around the world are advancing the SDGs.
YOUTH AND STUDENT ENGAGEMENT

LEAVE NO ONE BEHIND

MSDI established the Leave No One Behind student competition in collaboration with Monash University’s Humanities, Arts and Social Science faculties (Arts, Business, Law, Education and Art, Design & Architecture).

The competition invites Monash University students and recent alumni to collaborate and submit ideas for a social enterprise that addresses an issue of disadvantage in the community.

Finalists will be mentored by business leaders to develop their business plans, and the winning team will be awarded prize money to start their business.

Leave No One Behind was launched in April 2017 by Nobel Peace Prize winner Muhammad Yunus, who pioneered the concept of microfinance and founded Grameen Bank. Leave No One Behind is being delivered in partnership with Grameen Australia.

MSDI EDUCATION AND RESILIENT MELBOURNE PARTNERSHIP

We partnered with City of Melbourne’s Resilient Melbourne on a pilot project that saw high performing students use the B Lab Impact Assessment method to help small to medium sized enterprises (SMEs) understand and respond to business challenges and vulnerabilities. The pilot project was run in conjunction with local councils. Participating students were selected from the Transforming the Future — Leaders Program and the Sustainability Practice and Organisations course developed by MSDI for the Monash Business School.

CONVERSATIONS WITH LEADERS

Our education team launched the Conversations with Leaders series in 2017, which presents thought provoking ideas from sustainability leaders across a range of backgrounds and industries. The moderated discussion is designed to build confidence and leadership knowledge in Monash University postgraduate students, allowing them to participate in a Q&A session in a relaxed and informal environment. Guests in the series included Rosemary Addis, founder of Impact Investing Australia, and Nial Finegan, Chief Executive Officer of EPA Victoria.
MONASH STUDENT LEADERSHIP SUMMIT ON THE SDGS

During Monash University’s Climate Action Week in October 2017, more than 70 Monash students, from a range of student clubs and societies, took part in a summit on the Sustainable Development Goals. The event was organised by the new Monash Student Sustainability Association, with support from MSDI and Monash Environmental Sustainability. The summit built student understanding of the SDGs, and inspired them to suggest new ideas and solutions for students to help address the SDGs at Monash.

VATICAN YOUTH SYMPOSIUM

The second annual two-day Vatican Youth Symposium was held in October 2017, bringing together 50 young leaders from 30 countries to create solutions that address the Sustainable Development Goals. MSDI’s Sam Loni and former Monash University student John Farrugia helped coordinate the Symposium, as part of their global roles in SDSN Youth.

FACEBOOK LIVE WITH PROFESSOR JEFFREY SACHS

MSDI’s Sam Loni conducted a Facebook Live webinar with SDSN Director, Professor Jeffrey Sachs, to discuss youth and sustainable development as part of his role as Global Coordinator for SDSN Youth. The webinar attracted thousands of viewers from across the world and continues to be shared via social media.

STUDENT DELEGATION TO THE INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT (ICSD)

Four passionate and talented Monash students headed to New York City in mid-September to participate in the International Conference on Sustainable Development (ICSD), the premier annual global gathering of SDSN. The students won travel scholarships from MSDI and Monash Abroad on the strength of their engagement and leadership on sustainable development through extra-curricular activities and their studies.

In addition to the conference, the students attended the Low-Emissions Solutions Conference, the Social Good Summit, the Global Citizen Festival, and many other events linked to the UN General Assembly and New York Climate Week. They visited the UN Global Compact and joined a sustainable development themed Monash Alumni reception hosted by the National Australia Bank in New York.

Vatican Youth Symposium. L to R // Pope Francis, Director of SDSN Jeffrey Sachs, MSDI’s Sam Loni (Global Coordinator SDSN Youth)
The Oxfam-Monash Partnership engaged with a range of stakeholders in 2017, from local communities to international organisations.

Together with our stakeholders, we hosted and collaborated on professional development workshops, conferences and events covering gender; achieving policy change; disaster resilience; and the Sustainable Development Goals.

PRACTITIONER DEVELOPMENT

We helped coordinate key presenters (academics and practitioners) for the Research for Development Impact Network conference, CPA Congress, the Monash Gender, Peace and Security Forum, and 2970: Practising Democracy. Kim Henderson of Oxfam International also delivered a keynote presentation at the two-day Monash Gender, Peace and Security Forum, on the topic of gender and the Sustainable Development Goals.

Our public seminar on Microfinance: Problems, Critiques, Solutions featured Dr Philip Mader, research fellow at the Institute for Development Studies and Sophie Romana, lead for Oxfam America’s Saving for Change (SFC) program to discuss the existing problems and how some initiatives have been successful in delivering results beyond finance to include contributions toward building social capital in communities.

STUDENT ENGAGEMENT

We collaborated across all of Monash to provide real world challenges and experiences for students to contribute to positive global change and develop their professional skills. These included internships and volunteer placements with Oxfam teams, as well as mentorship programs to enhance students’ knowledge and networks in the area of global sustainability.

We invited guest lecturers from Oxfam to deliver education to postgraduate students and awarded the Oxfam-Monash Partnership Award for Research Impact to George Kennedy, a Master of International Development Practice student, who had the highest-achieving research thesis in 2016.
“We shared our expertise with students, professionals and leaders in international development to translate research into practice.”
RECOGNITION OF OUR WORK

We have been recognised for our expertise in sustainable development over the past 12 months, generating a significant amount of media coverage as a result of our efforts and receiving a number of prestigious awards, grants and speaking opportunities.

MEDIA COVERAGE

MSDI experts were called on to discuss a range of topics in the media, from vehicle emission standards and managing power demand, to testing empathy and managing water to create liveable cities.

We shared insights on adaptive management strategies, the impact of behaviour on medical testing, and how surroundings can impact food choices.


MSDI DIRECTOR, PROFESSOR REBEKAH BROWN

MSDI Director Professor Rebekah Brown was a keynote speaker at Stanford University as part of the Australian Government’s annual G’Day USA event where she spoke about water management and drought solutions. Professor Brown also delivered presentations at the EcoCity World Summit, The Cooperative Research Centre for Water Sensitive Cities’ Annual Conference, the annual Monash Global Leaders’ Summit and Australasian Social Business Forum. Professor Brown was ministerially appointed to Environment Protection Authority Victoria’s Interim Advisory Board and was also elected to the Academy of Social Sciences Australia.

MSDI CHAIR, PROFESSOR JOHN THWAITES

MSDI Chair Professor John Thwaites was awarded the (Special Recognition) Business Leader of the Year 2017 award by the Climate Alliance. He also delivered presentations and participated in a number of key conferences including the EcoCity World Summit, Implementing the New Urban Agenda conference, the Carbon Market Institute Emissions Reduction Summit, Sustainable Engineering conference, the Sustainability Asia Summit, SDSN and UN Ambassadors event, ASEAN Ministers and Officials Workshop, Leaders in Sustainable Development workshop and the International Conference for Sustainable Development.
APPOINTMENTS

In 2017, Director of Monash Water Sensitive Cities, Professor Rob Skinner, was appointed Lead Chair of the Victorian Government’s Water Forums and Associate Professor Liam Smith, Director of BehaviourWorks Australia, was appointed to the Board of Inclusive Australia. ClimateWorks’ Head of Implementation, Scott Ferraro, was appointed as Secretary of the Electric Vehicles Council of Australia and Dr Annette Bos, Head of the Sustainable Development Education Program, was appointed to the Monash Academic Board.

AWARDS

ClimateWorks Australia’s Pathways to Deep Decarbonisation in 2050 report (a collaboration with government, business and industry and produced in conjunction with ANU) was awarded the 2017 United Nations Association of Australia Excellence in Climate Research Award. ClimateWorks also picked up Best Large Grant Award at the Myer Foundation’s 2017 Australian Philanthropy Awards.

The Take One Step program, developed and delivered by MSDI through the Monash Business School, was a finalist in the Student Engagement Category of the Green Gown Awards Australasia. Sam Loni was awarded the Young Peacemakers Prize at the Nobel Peace Prize Forum in New York in recognition of the work of SDSN Youth.

EVENTS AND CONFERENCES

Throughout the year a number of MSDI academics and staff presented and participated in a range of workshops, forums, events and conferences.

Focusing on various aspects of sustainable development, MSDI contributed to discussions and action on renewable energy, climate change, the SDGs, behaviour change, youth, the environment, biodiversity, Integrated Water Management, Water Sensitive Cities, informal settlement revitalisation, green building and construction, food supply, cities, transport, health, inequality and social inclusion.

National

In Australia, we took part in events such as National Science Week, the EcoCity World Summit, the launch of the Australian Digital Inclusion Alliance, the World Toilet Summit and the Australasian Social Business Forum. We also participated in conferences and workshops for a range of organisations including the Victorian Government, the Australian Campuses Towards Sustainability (ACTS), the Australian Council for International Development (ACFID), the National Health and Medical Research Council (NHMRC), the City of Sydney and City of Melbourne, the CRC for Water Sensitive Cities and the Research for Development Impact Network (RDI).

International

Our overseas participation included Evidence Live (UK), the International Conference on Urban Drainage (ICUD, Prague), G’Day USA (USA), Resilience Conference (Sweden), Sustainability Sciences Conference (Sweden), Oxford Martin School (UK), Vatican Youth Symposium (Vatican City), Climate Week (USA), International Conference for Sustainable Development (USA) and COP23 – UN Climate Change Conference (Germany) as well as numerous workshops across Asia and the Pacific Islands.

WE LOOK FORWARD TO 2018 WHERE WE INTEND TO CREATE AN EVEN BIGGER IMPACT
THANK YOU

MSDI would like to especially acknowledge the strong partnerships right across Monash that have contributed to the success of 2017.

These include the ten Monash faculties: Arts, Art Design & Architecture, Business School, Education, Engineering, IT, Law, Medicine Nursing & Health Sciences, Pharmacy and Science as well as Monash Malaysia. We also thank our program collaborators from Building and Property Division, Global Engagement, Monash Enterprise Office, External Relations Development and Alumni, Monash Graduate Education, Monash Warwick Alliance, Office for Learning & Teaching, Careers Volunteering & Leadership, and the Work Integrated Learning Unit. Thank you also to the central service divisions who support the day-to-day operations of the Institute.

OUR FUNDERS AND PARTNERS IN 2017

AGL Energy
Alluvium
Ambulance Victoria
Animals Australia
Asian Development Bank
Asia-Pacific Economic Cooperation
Austin Health

Australasian Campuses Towards Sustainability
Australia and New Zealand Banking Group
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Coles Supermarkets
Commonwealth Scientific and Industrial Research Organisation
CRC for Water Sensitive Cities
Darebin Parkland Association
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Pt Sentul City Tbk, Indonesia
Pt Agricon Sentra Agribusiness Indonesia
Purposeful
Research for Development Impact Network
Resilient Melbourne
Royal Automobile Club of Victoria
Seed Advisory Pty Ltd
South East Water
Stanford University
Sunway University, Malaysia
Sustainability Victoria
Sustainable Development Solutions Network Association
Synergy2030
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Yarra Valley Water
Zoos Victoria

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