



CLIMATE AND  
**HEALTH**  
ALLIANCE

## **ANNUAL REPORT**

**2017-18**

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## PRESIDENT'S REPORT

Reflecting on the past year for CAHA four things stand out for me.

First, we have continued to progress our two main programmatic priorities: developing and supporting the Global Green and Healthy Hospitals Network (GGHH) in Australia and New Zealand, and promoting with our partners in the Our Climate Our Health Alliance, the Framework for a National Strategy on Climate, Health and Well-being for Australia. The details of our work in these two areas are well covered in the following report.



Second, strenuous efforts have been maintained to increase and stabilise CAHA's funding and staffing. From founding CAHA in 2010 to the beginning of 2018 Fiona Armstrong was the Executive Director, doing almost everything, working long and tirelessly, and almost completely unpaid. For several reasons this was clearly inappropriate and unsustainable, and in 2016 Fiona expressed her wish to reduce, but not eliminate, her hours of work and day-to-day operational involvement in CAHA. In late 2016 the board embarked on a process to secure the funds to appoint a full time, paid Executive Director and in January 2018 we appointed Simon Towle to this role. Unfortunately, for family reasons Simon had to resign in May. Since then Fiona has returned to the (now paid) Executive Director position for three days per week. The board is still working hard to increase membership and hence the revenue gained from members' annual subscriptions, which currently do not cover even the basic administrative operations of CAHA, let alone our programs of work, and to secure philanthropic funding to progress our aims. I am aware that the members of CAHA range from small organisations with extremely limited funding to larger organisations which despite their much larger funding base still have to manage their finances carefully. Our scaled membership fees reflect this diversity of membership and take account of members' needs to be financially responsible. That said, CAHA is, as far as climate change and health is concerned, a peak organisation that, in the board's view, progresses the climate change and health agenda on behalf of its members and so provides them with services that they are not able to provide for themselves. As such, I hope that members understand our need to set realistic membership fees and feel that they get good value for money. Needless to say, Fiona and the board are always happy to hear feedback from members on this issue.

Third, Lynne Madden and I represented CAHA at the 23<sup>rd</sup> Conference of the Parties (COP) climate change meeting in November 2017. Although the meeting was in Bonn, Germany, it was very skilfully presided over by the Prime Minister of Fiji, Frank Bainimarama. The principal purpose of this meeting was to establish the procedures and guidelines by which nations will monitor and report on the implementation of their commitments (their Nationally Determined Contributions) under the 2015 Paris Agreement after it comes into force in 2021. As well as witnessing the international negotiations, Lynne and I were able to ogle and listen to a veritable cavalcade of diplomatic and climate change glitterati: Mary Robinson, Christiana Figueres, Al Gore, Arnold Schwarzenegger, Sharon Burrows, Lord Stern, Johan Rockstrom, Kevin Anderson, Dr Tedros (the new DG of the WHO), and Patricia Espinosa (the

Executive Secretary of the UNFCCC). The Terminator's extremely knowledgeable and heart-felt talk about the terrible health effects of climate change and air pollution and his successful effort to implement air pollution legislation when he was Governor of California was instructive and amusing. I've never seen one of his movies but I'm a new fan! On the middle Saturday of the Conference of Parties (COP) meeting, the World Health Organization (WHO) and the Global Climate and Health Alliance (of which CAHA is a founding member) held a one-day conference. The morning session focussed on climate change policy issues, while the afternoon took the form of a World Café during which I ran a session about our Framework for a National Strategy on Climate, Health and Well-being for Australia. Rashmi Venkatraman will be representing CAHA at this year's COP meeting in Poland – this will be the seventh year that we have had an official delegate at the COP meeting.

Fourth, board members have also been extremely active developing and making productive our four board committees: Governance, Finance, Fundraising, and Research and Policy. The members of these four committees, which include board and non-board members, have worked very hard to bring a greatly increased level of organisation and order to CAHA's governance and are now an indispensable element of CAHA's activities.

Before some self-indulgent closing comments about the state of the world, I want to recognise, pay tribute to and thank some of the many people who have contributed to CAHA's ongoing success and growing national and international reputation. My colleagues on the board have been incredibly hard working and committed, and have each brought tremendous expertise to our discussions. In particular I wish to thank: Sinead Boylan, Jo McCubbin and Lyn Morgain who will be resigning from the board at the AGM in September; Lyn Morgain, Amanda Adrian, Rebecca Patrick, Kim Daire and Fiona Armstrong who have so willingly and expertly chaired the four committees; and the Vice-President, Rebecca Patrick, the Secretary, Sarah Stewart, and the Treasurer, Kim Daire who have contributed so much time to ensuring that CAHA meets its statutory and good governance obligations. The attendance of board members at our monthly teleconference meetings is tabulated later in the Annual Report.

The staff, interns, volunteers and students who work under the Executive Director's guidance may not be very visible to many people outside the board but they contribute enormously to CAHA's office administration and programs. They are all highly skilled and highly committed to CAHA's aims and on behalf of members I thank all who have worked with us over the last year.

And of course Fiona Armstrong continues to be the pivot around which all CAHA's activities revolve. Her knowledge and skills about climate change and health and her commitment to CAHA and the transition to an environmentally sustainable planet are second to none and are recognised nationally and internationally. Personally and on behalf of CAHA I thank Fiona most sincerely and have great pleasure in recording that over the last year she has received two extremely well-deserved awards for her work. In October 2017 Fiona received the Tony McMichael Public Health Ecology and Environment Award for 2017 from the Public Health Association of Australia (PHAA); and in June 2018 Yarra City Council gave her the Frank Fisher Award for her contribution to sustainability in Yarra. I also wish to record that in October 2017 Peter Tait, one of CAHA's most active supporters and a member of the Expert Scientific Committee received the PHAA's highest award, the Sidney Sax Medal for his

environmental work, Liz Hanna, CAHA's previous President, received the PHAA President's Award at the same time.

Finally, after several years on the board, and the last as President, I will also be standing down at the forthcoming AGM, although I intend to stay involved with CAHA as a member of the Research and Policy Committee. I can honestly say that it has been a privilege to be so closely associated with CAHA as it has developed, and I am proud to have been President. More than that though, I am grateful for the opportunities CAHA has given me to meet so many great people, learn so much and be involved with things that I would never otherwise have got anywhere near. In departing, I feel obliged to depart from the optimistic script recommended by media and communications experts and say that I am extremely pessimistic about climate change. While we can point to many encouraging diplomatic, technological and community-led developments in Australia and globally, the simple fact of the matter is that the precipitate urgency of the crisis facing humanity is seldom recognised and the actions we are seeing globally are too slow by orders of magnitude to avoid warming exceeding 2°C and the catastrophes for the environment and human health that will inevitably ensue.

The science is clear: to avoid these dire consequences global carbon emissions must peak by 2020, the watershed year for any realistic chance of a planned and controlled restructuring of the world economy, and this must be followed a 10% annual reduction in CO<sub>2</sub> emissions every year for at least the next two decades. And yet carbon emissions are still rising, and the world has no road map for the rapid rate of decarbonisation required or for the 'just transition' that must accompany it within nations and internationally.

Regrettably the Australian government continues to behave disgracefully internally and internationally by both commission and omission.

I conclude on this depressing note not to suggest that we, individually or collectively, should give up the struggle but rather to state the facts boldly so that we use a realistic assessment of the situation we face to generate greater action and some hope, rather than, as is popular, encouraging unjustified hope to keep everyone happy and chugging along at the current pathetically inadequate pace.

**Peter Sainsbury**  
**August 2018**

## REPORT FROM EXECUTIVE DIRECTOR

Highlights for CAHA in 2017-18 include the [Our Climate Our Health campaign](#) which continues to bear fruit. With strong interest from local, state and federal government in Australia, as well as from international policy advocates, the [Framework for a National Strategy on Climate, Health and Well-being](#) has emerged as a world-leading blueprint for climate change and health policy.

Opportunities to advance policy that have been inspired by the collaboratively developed Framework include the development of [Human Health and Well-being Climate Adaptation Plan for Qld](#), a project jointly led by CAHA and NCCARF.

The Framework for a National Strategy on Climate, Health and Well-being for Australia has been showcased in the international medical journal, *The Lancet*, in its [Australian Policy Brief accompanying the 2017 Lancet Countdown report](#), and will be discussed as a template for other national and subnational jurisdictions at the [Global Climate and Health Forum](#) at the [Global Climate Action Summit](#) in California in September.

A capacity-building grant from the Lord Mayors Charitable Foundation over the next two years will provide an important foundation to move our work forward on policy advocacy and to build the community of practice on climate change and health across Australia.

The Pacific region of the [Global Green and Healthy Hospitals](#) coordinated by CAHA in Australia and New Zealand continues to grow, with the network now a vibrant hub and source of many success stories of sustainability in healthcare. With the recent addition of the Victorian Department of Health and Human Services as members, the GGHH network is cementing its position as the preeminent network on sustainability in healthcare in the region. With the tools, resources, and expertise that exists in the network, the pathway for hospitals and health services to reduce their carbon and environmental footprint is becoming clearer, and many GGHH Pacific regional members are engaged in world leading initiatives in this space.

Given we now know that [emissions from healthcare in Australia constitute 7% of the national total](#) (larger even than the waste sector), it is ever more imperative to find ways to reduce emissions in this sector if Australia is to achieve its net zero emissions goal.

Given the consequences of failing to do so, we must all find ways to contribute to this effort. I look forward to continuing to work with CAHA members and our many supporters and allies, both nationally and internationally, to achieve this goal.

*Fiona Armstrong, August 2018*

## GOVERNANCE

### CAHA BOARD (AKA COMMITTEE OF MANAGEMENT)

The CAHA Board of 2017-18 (as at 30 June 2018):



Dr Peter Sainsbury, CAHA President



Dr Rebecca Patrick, Research and Policy Committee Chair



Kim Daire, Treasurer, Finance Committee Chair



John Ryan, Deputy Treasurer



Amanda Adrian, Governance Committee Chair



Fiona Armstrong, CAHA Executive Director



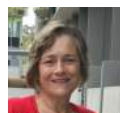
Dr Jo McCubbin



Lyn Morgain



Dr Sinead Boylan



Sarah Stewart, Secretary

The CAHA board would like to acknowledge and thank Dr Liz Hanna, who stepped down as CAHA President in September 2017, for her leadership and commitment to CAHA as President since 2013.

## EXPERT ADVISORY COMMITTEE

CAHA's Expert Advisory Committee is a highly credentialled group of experts who provide a hugely valuable service in support of CAHA in sharing their expertise to ensure CAHA public statements and published papers are highly credible and are based on the best available scientific literature and evidence.

### Members of the CAHA Expert Advisory Committee:

- Associate Professor Grant Blashki, Nossal Institute for Global Health, University of Melbourne
- Dr Susie Burke, Public Interest, Environment & Disaster Response, Australian Psychological Society
- Professor Colin Butler, College of Medicine, Biology and Environment, Australian National University
- Professor Tony Capon, Professor of Planetary Health, University of Sydney
- Professor David Karoly, Leader, Earth Systems and Climate Change Hub National Environmental Science Program, CSIRO
- Professor Stephan Lewandowsky, School of Psychology, University of Western Australia
- Professor Garry Egger, School of Health & Human Sciences, Southern Cross University
- Dr Peter Tait, Convenor, Ecology and Environment Special Interest Group, Public Health Association of Australia
- Professor John Wiseman, Melbourne Sustainable Societies Institute

All members of the expert advisory committee offer unique and informed perspectives on climate and health issues and CAHA is grateful for their willingness to contribute.

## STAFF

Staff working with CAHA during 2017-18 included:

Carol Behne, Global Green and Healthy Hospitals Project Officer (2016-2018).

Gabriel Dain, Phoebe Rountree, and Danielle Schutte who worked on the Education and Capacity Building project, delivered with a grant from the Lord Mayors Charitable Foundation (2017).

Bhavna Joshi, CAHA's Bookkeeper from 2016 - March 2017, and replaced by Tricia Middel (2018).

Simon Towle, Executive Director January to May 2018. Simon has been replaced by CAHA Founder Fiona Armstrong as Executive Director. Fiona will work 0.6FTE.

New staff commencing in 2018 are Libby Muir, Programs and Campaigns Manager (0.6FTE), and Paul Benson, Campaign Organiser (0.5FTE).



## MEMBERS

### Current Members:

1. Australian Association of Social Workers (AASW)
2. Australian College of Nursing (ACN)
3. Australian Council of Social Service (ACOSS)
4. Australian Healthcare and Hospitals Association (AHHA)
5. Australian Health Promotion Association (AHPA)
6. Australian Institute of Health Innovation (AIHI)
7. Australian Women's Health Network (AWHN)
8. Australian Medical Students' Association (AMSA)
9. Australian Nursing and Midwifery Federation (ANMF)
10. Australian Psychological Society (APS)
11. CRANApus
12. Doctors Reform Society (DRS)
13. Friends of CAHA (*FoCAHA*)
14. Healthy Futures
15. Health Nature Sustainability Research Group (Deakin University)
16. Health Issues Centre (HIC)
17. Health Services Union (HSU)
18. Koowerup Regional Health Service (KRHS)
19. Pharmacists for the Environment (PEA)
20. Public Health Association of Australia (PHAA)
21. Psychology for a Safe Climate (PSC)
22. Cohealth
23. School of Public Health, University of Sydney
24. School of Public Health and Community Medicine, UNSW (SPHCM)
25. Services for Australian Rural and Remote Allied Health (SARRAH)
26. Victorian Allied Health Professionals Associations (VAHPA)
27. Women's Health East (WHE)
28. Women's Health in the North (WHIN)

The organisation *Friends of CAHA* is for individual members. Its members include senior academics and health professionals with considerable expertise in environmental health and climate and health issues.

## CAHA PRIORITIES 2017/18

Core initiatives at CAHA in 2017/18 have been focused on advocacy for policy - at local, state and federal level - with a key focus on promoting the Framework for a National Strategy on Climate, Health and Well-being for Australia and promoting and supporting a sustainable healthcare agenda through the Global Green and Healthy Hospitals Pacific region.

Other advocacy for policy efforts include submissions to the ALP Policy Platform as well as to inquiries on climate change impacts on infrastructure and national security, and regulation of coal-fired power stations in Victoria.

CAHA continues to contribute to global stewardship on climate change and health through its participation in the Global Climate and Health Alliance. CAHA contributes to the development of global projects and participates in advocacy at the annual Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change.

## CAMPAIGNS

### OUR CLIMATE OUR HEALTH

#### Framework for a National Strategy on Climate, Health and Well-Being for Australia

Undoubtedly one of CAHA's key successes for 2017/18 has been related to its leadership in developing and promoting the Framework for a National Strategy on Climate, Health and Well-being for Australia, known as the Our Climate Our Health campaign (see [www.ourclimate-ourhealth.org.au](http://www.ourclimate-ourhealth.org.au))

The announcement from the Australian Labor Party that it would implement a National Plan on Climate, Health and Well-being in government, and inclusion of this commitment in its 2018 Policy Platform is extremely welcome, as is the support from The Greens and members of the Liberal-National Coalition, including Minister Ken Wyatt. For more information on the ALP commitment, see: <https://youtu.be/NvyJ-lnyu9k>.



The Framework for a National Strategy has attracted national and international attention and is being used to guide policy across Australia. Local governments in Victoria are using the Framework to guide the development of policy in relation to community health and well-being, and the state government in Qld commissioned CAHA (in partnership with National Climate Change Adaptation Research Facility– NCCARF) to develop a Human Health and Wellbeing Climate Change Adaptation Plan (H-CAP) for Queensland.



IMAGE: Minister Ken Wyatt, Greens Leader Richard Di Natale, and Shadow Minister Catherine King

The Framework was a key element of the Australian Policy Brief published in conjunction with the Lancet Countdown on Health and Climate Change 2017, positioning it as a leading example of climate and health policy globally.

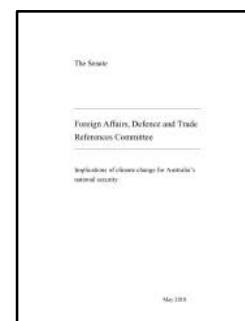
CAHA has been invited to present the Framework for a National Strategy on Climate, Health and Well-being at the Global Climate Action Summit in San Francisco, California in September 2018 and at the Shift Collaborative Climate Change Symposium on Collaborative Action in Kelowna, British Columbia, Canada in November 2018 as an example of a policy roadmap that other nations could emulate.

Another example of the impact of the Framework is the call for its implementation as a key recommendation from the *Senate Inquiry into the Implications of climate change for Australia's national security*.

### Recommendation 3

**6.12 The committee recommends that the Commonwealth Government develop a National Climate, Health and Well-being Plan based on the *Framework for a National Strategy on Climate, Health and Well-being for Australia*.**

Guidance and support for the Our Climate Our Health campaign is provided by a Core Organising Group, which includes: Dr Peter Sainsbury, Professor Mary Chiarella, Dr Kate Charlesworth, Sue Cooke, Danielle Schutte, Katherine Middleton, Dr Peter Brooks, and Fiona Armstrong.



## Our Climate Our Health - Supporting Organisations

The organisations whose logos appear below are supporting the campaign for a National Strategy on Climate, Health and Well-being for Australia:



## Education and Capacity Building Program – ‘Climate and Health Champions’

A grant from the Lord Mayor’s Charitable Foundation in 2017 enables CAHA to develop and deliver an education and capacity building program for ‘Climate and Health Champions’. This program provided training for health professionals to build capacity within the health sector to respond to climate change and build understanding about climate change as a health issue within the wider community.

The project involved two training programs – a one day training and a three-day residential workshop – and provided ongoing support to Climate-Health Champions throughout 2017.

At the end of 2017, the Climate Health Champions Network had grown to over 350 health professionals who are working to increase understanding of and promote action on the impacts of climate change on health and well-being.

This network included health professionals in every state and territory, and across a wide range of health disciplines, including nursing, midwifery, general practice, psychology, dietetics, education, research, and medical students.





Many Climate-Health Champions have met with their local federal and state MPs to express their concerns about climate change and health and to ask them to sign a pledge to declare their support for a National Strategy on climate, Health and Well-being for Australia.



This program will recommence from July 2018 with a grant from Lord Mayors Charitable Foundation.

## PROGRAMS

### GLOBAL GREEN AND HEALTHY HOSPITALS

The Global Green and Healthy Hospitals (GGHH) (Pacific Region) coordinated by CAHA goes from strength to strength, with strong growth in the network and some outstanding performers

CAHA is the regional coordinator of the Pacific region of the GGHH network (including Australia and New Zealand) and works to promote the network, recruit hospitals and health services to the global network and support regional members in implementing their sustainable healthcare initiatives.



Support for CAHA to coordinate the GGHH Program in the Pacific region come from a grant from CAHA's international partner Health Care Without Harm.

This grant supports CAHA's Sustainable Healthcare Project Officer two days a week to deliver outreach, engagement, education, and promotion of GGHH in Australia and New Zealand using a mix of events, webinars, publications, online and face to face engagement for members and prospective members.



There continues to be strong growth in the membership of the Pacific network (Australia and New Zealand) of the Global Green and Healthy Hospitals network in the last year. As at June 2018, there were over 42 GGHH members in the Pacific Region representing around 900 hospitals and health services, an increase of 20% on the previous year.

New members in 2017/18 include:

- Department of Health and Human Services, Victoria
- Sydney Children's Hospital Network
- Hawkes Bay District Health Board, New Zealand

## GGHH Pacific Region Members (as at June 2018)

### Victoria

Austin Health  
 Australian Nursing & Midwifery Federation - Victorian Branch  
 Bairnsdale Regional Health Service  
 Department of Health and Human Services  
 Hepburn Health Service  
 IPC Health  
 Kooweerup Regional Health Service  
 Melbourne Health  
 North Eastern Sustainability and Health Group  
 Northeast Health Wangaratta  
 Northern Health  
 South West Healthcare  
 Western Health  
 Dental Health Services Victoria

### New South Wales

New South Wales Nurses and Midwives Association  
 Prince of Wales Private Hospital  
 Queanbeyan Hospital  
 South Western Sydney Local Health District  
 Sydney Surgical Centre  
 Sydney Children's Hospital Network  
 Western Sydney Local Health District

### South Australia

Australian Nursing & Midwifery Federation - South Australian Branch  
 Women's and Children's Hospital

### Queensland

Children's Health Queensland Hospital and Health Service  
 Mater Misericordiae Health Services Brisbane Limited  
 Princess Alexandra Hospital

### Tasmania

UTAS Rural Clinical School

### National

Australian Healthcare & Hospitals Association  
 Australian Medical Students' Association  
 Healthy Futures  
 Institute of Healthcare Engineering, Australia  
 Mercy Health  
 Southern Cross Care (NSW & ACT)  
 St Vincent's Health Australia

### New Zealand

Auckland District Health Board  
 Capital and Coast District Health Board  
 Counties Manukau District Health Board  
 Hawkes Bay District Health Board  
 Northland District Health Board  
 Southern Cross Hospitals Limited  
 Waitemata District Health Board

## 2020 Healthcare Climate Challenge

The 2020 Challenge is an opportunity for GGHH members to demonstrate their commitment to climate change mitigation, adaptation and leadership and showcase their performance in a global challenge.

The following GGHH Pacific regional members were global Health Care Climate Challenge Award Winners in 2017:

- Auckland District Health Board, New Zealand
  - SILVER - GHG Reduction (Energy)
  - SILVER - GHG Reduction (Non-Energy)
  - SILVER - Climate Leadership
- Counties Manukau District Health Board, New Zealand
  - GOLD - GHG Reduction (Non-Energy)
  - SILVER - Climate Leadership
- Mater Misericordiae Limited, Australia
  - GOLD - Climate Resilience
  - SILVER - Climate Leadership
- New South Wales Nurses and Midwives' Association, Australia
  - SILVER - Climate Leadership

## Events

### Healthy Hospitals Healthy Planet Forum – May 2018

In May, CAHA partnered with two GGHH members, Western Health (WH) and the Institute of Healthcare Engineering Australia (IHEA) to deliver the second annual two-day health and environmental sustainability forum. WH and IHEA are members of the Global Green and Healthy Hospitals network. The Forum featured founder Director of the Sustainable Development Unit at the National Health Service (NHS), Dr David Pencheon, as the keynote speaker.

Day 1 focussed on environmental sustainability in building design solutions and Day 2 showcased in the policy, current research and case study presentations. The forum provided opportunities for collaboration, networking and information exchanges. At the end of Day 2, attendees were given an opportunity to 'pitch' their project, with PhD candidate Scott McAllister winning \$1,000 from sponsor Daniels Health as seed funding for his plan to conduct a lifecycle analysis of medical products.

Over 60 people attended the forum. Attendees came from diverse health and environmental sustainability backgrounds including nurses, doctors, sustainability officers and managers, research assistants, pharmacists, academics, construction managers, project managers, state government representatives, students, supplier representatives, industry consultants, health promotion staff, business development staff, as well operational staff, senior management and executive directors. Sponsorship for the Forum was provided by ShineOn, Invisible Systems, Baxter, Ecosave and Medline.



A Summary Report is available at: [http://www.caha.org.au/gghh\\_events](http://www.caha.org.au/gghh_events)



## PROJECTS

### HUMAN HEALTH AND WELL-BEING CLIMATE ADAPTATION PLAN FOR QLD – CAHA AND NCCARF

In 2018, the Climate and Health Alliance, along with lead partner the National Climate Change Adaptation Research Facility (NCCARF), was commissioned by the Qld Government to develop a Human Health and Wellbeing Climate Change Adaptation Plan (H-CAP) for Qld. The H-CAP was developed as a component of the Queensland Climate Adaptation Strategy (Q-CAS).

The goal of the H-CAP is to support human health and wellbeing services to be innovative and resilient in managing the risks associated with a changing climate, and to harness the opportunities provided by responding to the challenges of climate change. It provides a preliminary climate change adaptation framework and guidance for stakeholders across health care, aged care, and childcare services.

The H-CAP will be released in September 2018. An accompanying report outlines the process to develop the H-CAP and describes its scope, provides an overview of existing policy, outlines policy drivers and enablers and case studies to inspire action. It also summarises the views of stakeholders in Queensland with respect to their concerns about the health impacts of climate change, in addition to the barriers, opportunities and pathways forward they saw in relation to climate adaptation.

A consultation with key stakeholders in the health and wellbeing sector in Queensland revealed concerns that are consistent with multiple lines of evidence: there is a policy gap in relation to addressing the health impacts of climate change.

Health and wellbeing services are faced with climate change adaptation challenges, but lack guidance from policy, as well as capacity and resources to respond. The consultation revealed a strong appetite to act to build climate resilience in the sector to ensure service quality and continuity in order to protect the health of the community. There was a clear emphasis on the importance of stakeholder engagement and for the establishment of collaborative networks to guide and support action.

To help guide efforts towards climate change adaptation among health and wellbeing services in Queensland, the H-CAP proposes ten Priority Adaptation Measures.

These, along with a Vision and a set of guiding Principles, constitute the Plan. The Priority Adaptation Measures offer high level guidance for services, policymakers, and the community to help prioritise climate adaptation. They include examples of possible actions at service, system and government levels in response to the needs and priorities identified by stakeholders, informed by the evidence regarding existing best practice climate change adaptation measures.

## **ACTIVATING VOICES - CLIMATE AND HEALTH SOLUTIONS – CLIMATEWORKS & CAHA**

CAHA and ClimateWorks have partnered in this pilot project to support the health sector to communicate about the opportunities to improve health through the implementation of strategies to tackle climate change.

As trusted and respected voices, health professionals and those working in the health sector have the potential to influence the national narrative in favour of climate change solutions.

The aim of this pilot project, supported by the Lord Mayor's Charitable Foundation, is to identify opportunities to address barriers to engagement on climate solutions through communications with / from healthcare stakeholders and to gather insights regarding the effectiveness of messages about climate solutions with a varied cohort of healthcare stakeholders.

ClimateWorks initiated this project to explore the role of the health sector in strengthening the climate solutions story in Australia by activating the voices of health professionals and health leaders. The narrative of the health benefits of climate solutions can help compel influential individuals and organisations to contribute to positive action and ensure effective policy is developed. CAHA has supported the project through providing advice on communications in relation to health and climate change and assisting with outreach to stakeholders.

## **REVIEW OF HEALTH AND CLIMATE CHANGE LITERATURE – CITY OF MELBOURNE**

The Climate and Health Alliance was commissioned by the City of Melbourne in 2018 to prepare a report on the scientific evidence in relation to the health co-benefits associated with climate mitigation and adaptation strategies. It is intended to inform the City of Melbourne about the health and social benefits available from the implementation of initiatives to achieve its net zero emissions goal.

The evidence presented suggests there is potentially substantial health co-benefits and positive social impacts available to the people in the City of Melbourne from climate adaptation and mitigation strategies to reduce emissions. These benefits are available to the council staff, as well as residents, visitors, workers, and business owners in the city.

Health co-benefits are available from low and net zero carbon strategies across transport, buildings, food, energy, green infrastructure and healthcare. The implementation of climate mitigation and adaptation strategies across these sectors can reduce the burden of disease in the community, deliver economic savings which strengthen the local economy, and help protect the community from the impacts of climate change.

The report will be released by the City of Melbourne in late 2018.

## POLICY AND ADVOCACY

### Submissions

A list of the CAHA submissions made in 2017/18 appears below (and on the website at <http://www.caha.org.au/submissions>):

- Inquiry into current and future impacts of climate change on housing, buildings and infrastructure (July 2017)
- Implications of Climate Change for Australia's National Security (August 2017)
- [Submission to Victorian EPA Review of Brown Coal-Fired Power Stations Licences](#) – (February 2018)
- Response to ALP Health Policy Platform (January 2018)

## COMMUNICATIONS AND OUTREACH

CAHA uses media and communications to engage and inform its networks and the wider community about its activities, increase its profile and raise awareness about issues related to climate change and health. CAHA's media and communications channels include online and print newspapers and blogs, social media, website and newsletters, as well as conferences, webinars, and public lectures.

### Media mentions

#### 2018

[Australian climate policy ignoring billions in potential health savings, experts say](#) - ABC Online

[Australian climate policy "ignoring" billions in health savings](#) - ABC Radio National Breakfast

['Someone could die': Deadly warning for players at Australian Open](#) - news.com.au

[New Executive Director for Australia's Climate and Health Alliance](#) - FMMagazine

Heat, health and climate: [Aus Open's 'perverse' debacle](#) - Gladstone Observer

#### 2017

[The reality of living with 50°C temperatures in our major cities](#) - The Conversation

[Mater hospital pulls logo from Queensland coalmine ad campaign](#) - The Guardian

### Media releases

#### 2018

[Queenslanders to benefit from health plan to combat climate change impacts](#)

The Queensland Government has funded the National Climate Change Adaptation Research Facility (NCCARF) and the Climate and Health Alliance (CAHA) to develop a health and wellbeing climate adaptation plan for the state.

## 2017

### [Medibank divestment from fossil fuels a win for people's health](#)

As a coalition of groups committed to better health and a safer climate, the Climate and Health Alliance welcomed the decision by Medibank to divest from fossil fuels.

### [Human lives being lost due to inaction on climate: major new international health study](#)

A major new health report revealed the failure of nations, including Australia, to tackle climate change is jeopardizing human lives and livelihoods around the world.

The Lancet Countdown 2030 report reveals 125 million vulnerable adults have been exposed to heatwaves since 2010, with an additional one billion facing exposure by 2040.

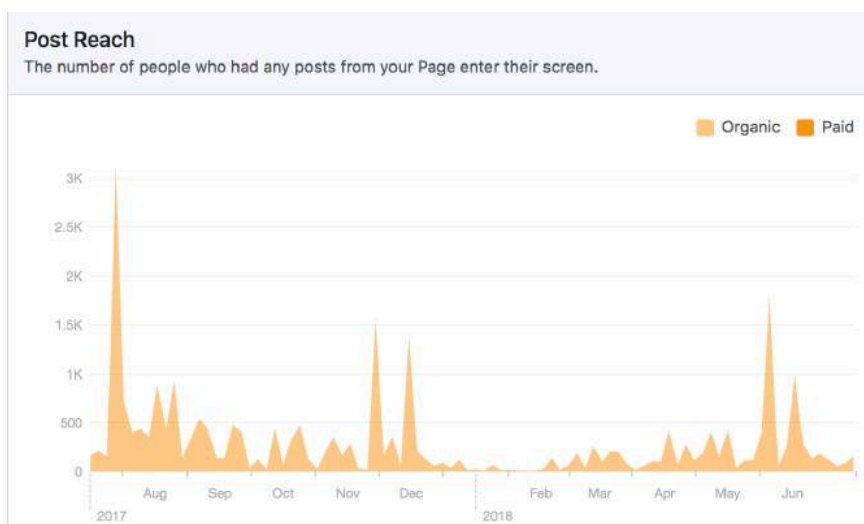
## Presentations

CAHA was invited to present at the following events/conferences in 2017-18:

- Eco-Linc – Climate Change 101 (Professional Development for Teachers) – June 2018
- Australian Nursing and Midwifery Environmental Sustainability Conference – March 2018
- Latrobe University – Master of Public Health – February 2018
- City of Melbourne – Low Carbon Forum – November 2017
- Obesity Policy Coalition Conference – October 2017
- Take 2 Coalition (Victoria) – October 2017
- Melton City Council Staff Meeting – July 2017

## Social media

With limited capacity and no dedicated media and communications staff, CAHA's social media presence relies heavily on volunteers and part time project staff to manage its Facebook and Twitter accounts. Despite these limitations, CAHA performs well on social media with a 10% growth in Twitter over the last year to 3,180 followers and Facebook by 7% to 1,906 followers. Some of CAHA's posts reach an audience of 3,000 people, although as the graph below reveals, engagement depends on available human resources to post and share content. With the appointment of two new staff from July 2018, CAHA's media presence is expected to grow substantially in the next 12 months.



## Webinars

CAHA hosted two webinars for members and supporters in 2017/18:

- A 'Community of Practice' GGHH Members Meeting in February 2018
- Our Climate Our Health Webinar – Insights from Lancet Countdown in November 2017

## VOLUNTEERS AND INTERNS

CAHA has been very fortunate to have generous volunteers and has again had the opportunity of hosting some outstanding interns in 2017/18. Special mention is due to medical student, and now junior doctor, Grace Fitzgerald for her tireless contribution to CAHA's social media networks; Master of Public Health student, Danielle Schutte, for her video productions for CAHA's YouTube and social media channels. Thanks and congratulations to interns Katherine Norman, who has secured a role in Environmental Health; Hilary Murchison who has been appointed to a role in Health Promotion and has joined the Victorian Public Health Association Committee; Georgia Langmaid for her work documenting CAHA's publications 2010-2018; and Shakiba Das, who completed her Master of Public Health at Australian Catholic University with an internship at CAHA March-May 2018, supporting the project to develop a Human Health and Well-being Climate Adaptation Plan for Qld.

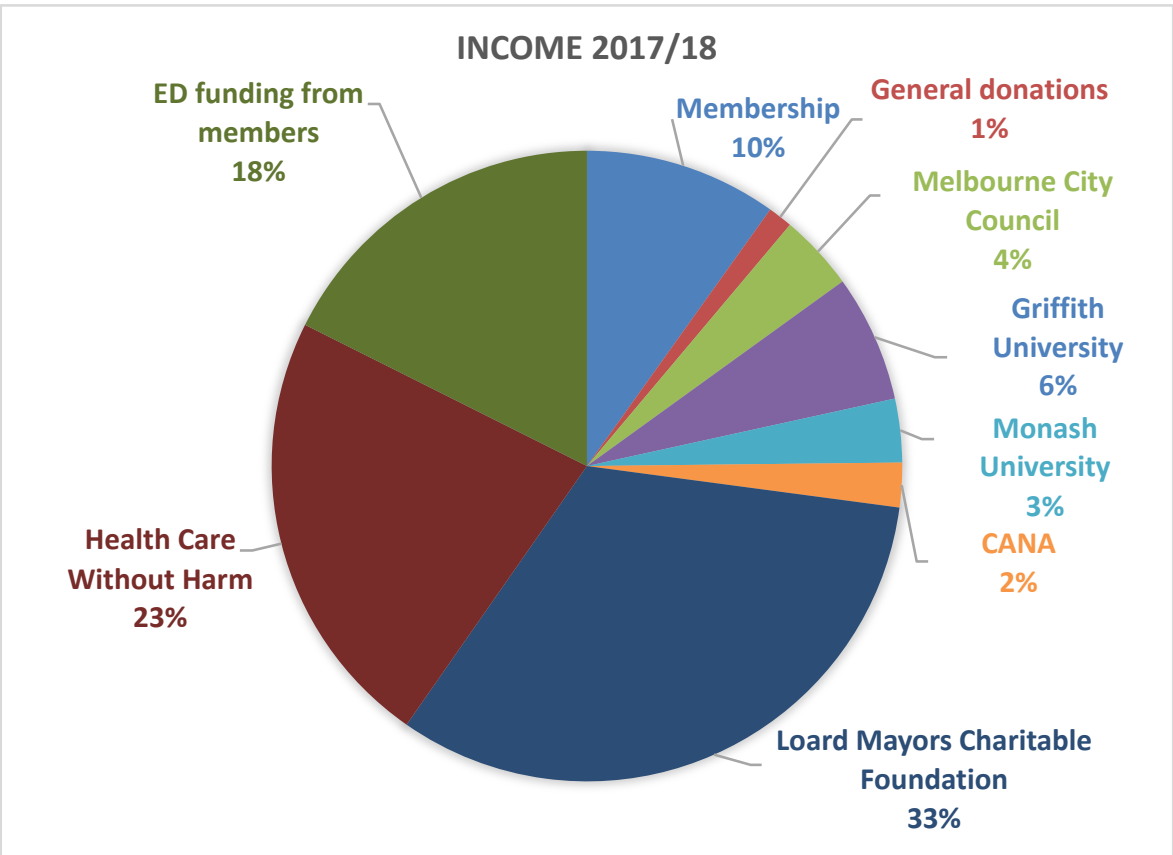
# FINANCIAL REPORT

## Report from the CAHA Treasurer

On 30 June 2017 CAHA had a total of \$281,190.60 in its bank account. Total liabilities as at 30 June were recorded as \$43,901.93. Of this \$43,901.93, a total of \$40,844.07 has been committed to funding a core operational role (eg Executive Director) and has been accrued to the 2017/18 financial year. This leaves a total equity of \$237,288.67 at 30 June 2018.

In 2017/18 the Climate and Health Alliance received a net income of \$307,009.08. This is a 223% increase on the previous financial year. These funds will enable CAHA to fund the core operational position for the first time. CAHA would like to extend a huge thank you to all of those who contributed to this fund.

Graph 1, below, shows the distribution of income streams for CAHA in 2017/18. The majority of CAHA's income has been provided through philanthropic organisations. This is consistent with previous years and is projected to remain the primary source of income for CAHA into the foreseeable future.



Graph 1: Income distribution 2017/18

CAHA's membership fees increased in 2017/18 and brought in a total income of \$30,665.9. This is equivalent to the administration budget and non-project advocacy budget. CAHA would like to thank its members for their continued support and absorbing the increase to support such a core part of CAHA operations.

CAHA's expenses for 2017/18 totalled \$145,663. This is 120% of the expenses incurred in the previous year. This is expected with the continued growth of the organisation and the commencement of a paid ED position in 2018.

It is noted that the expenses are significantly less than CAHA's total income for 2017/18. The disparity between income and expensed is due in part to \$100,000 of funding from the Lord Mayors Charitable Foundation being paid in June to as a Capacity Building grant in 2018/19.

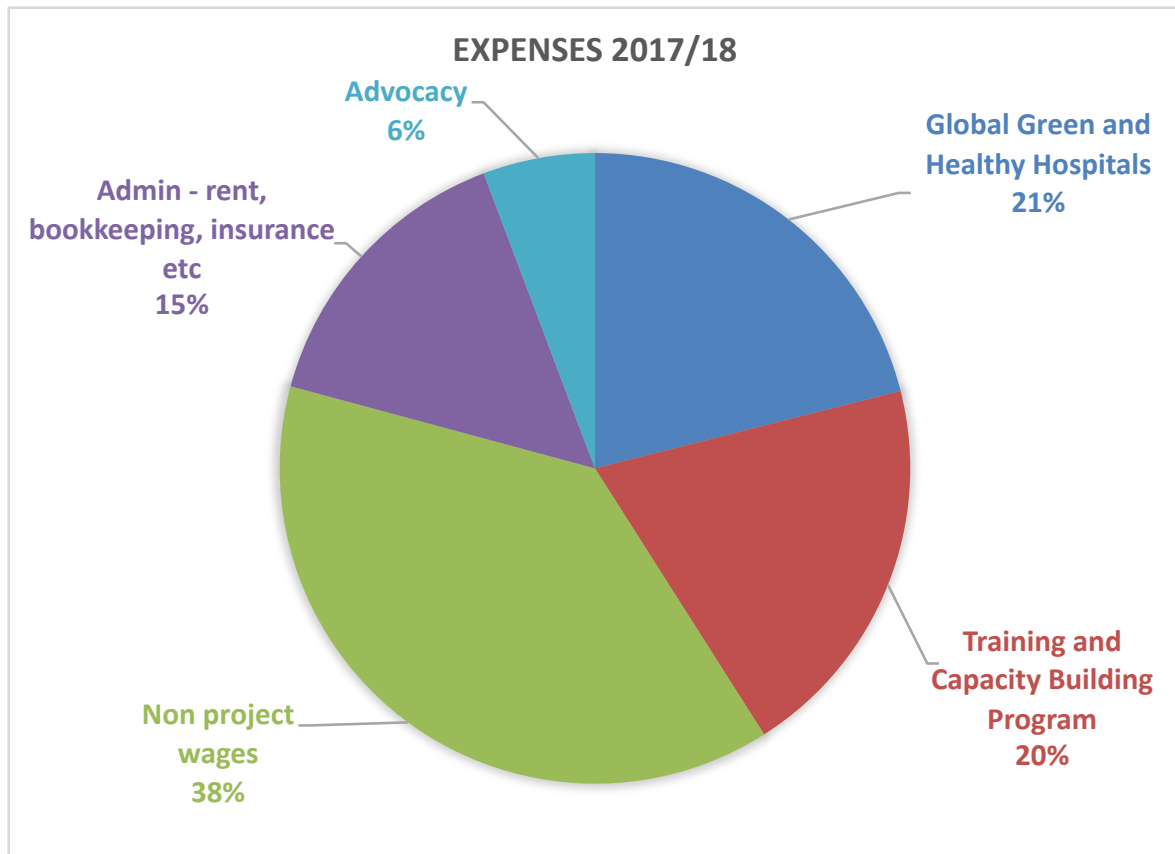
Funding also came through in June for the following project work:

- Human Health and Wellbeing Climate Change Adaptation Plan for Queensland (in partnership with NCCARF)
- Activating voices: climate solutions and health (in partnership with ClimateWorks)
- Review of Health and Climate Change Literature (for the City of Melbourne)

This project work, totalling \$42,000, is due to be paid out in July 2018. As a result, this significant body of work does not appear in the 2017/18 expenses chart.

CAHA's major projects for 2017/18 have been the Training and Capacity Building Program and the continued delivery of the successful Global Green and Health Hospitals program. These programs account for 20% and 21% of the expenses in 2017/18 respectively.

In 2018 CAHA expanded to an organisation that support a paid Executive Director position. On behalf of the board I would like to extend our thanks to the members and organisation that enabled this to happen.



Graph 2: Expenditure distribution 2017/18

Finally, on behalf of CAHA and the board I would like to extend my personal thanks to those individuals and organisations who provided CAHA with grants, sponsorship and made donations to CAHA in 2017/18.

**Donations and grants over \$1,000: Thank you to the following people and organisations**

Lord Mayors Charitable Foundation	\$100,000
Health Care Without Harm	\$69,647
Climate Action Network Australia	\$7,000

**Donations for core operational roles**

New South Wales Nurses and Midwives Association	\$50,000
Australian Nursing and Midwifery Federation (federal office)	\$10,000
CoHealth	\$10,000
Diversicon Environmental Foundation	\$12,500
Public Health Association of Australia	\$10,000



<b>Climate And Health Alliance</b>		
<b>Profit and loss Statement</b>		
<b>1st Jul to 30th Jun 2018</b>		
<b>Income</b>		
4-1000	Membership Income Invoiced	\$30,300.00
4-1005	Donations - GiveNow	\$1,593.88
4-1007	Donations - Stripe	\$2,012.62
4-1010	Donations - Other	\$263.00
4-1016	CAHA General	\$37,000.00
4-1017	CAHA Committed General Funds	\$54,030.93
4-1018	GU Funding	\$12,000.00
4-1020	Interest - Cheque Account	\$149.32
4-1025	Interest - Donations Account	\$12.44
4-2020	LMCF Grant	\$100,000.00
4-2100	GGHH Funding	\$69,846.91
<b>Total Income</b>		<b>\$307,009.08</b>
<b>Less Expenses</b>		
6-1000	Accounting/Audit fees/Bookkeeping	\$9,320.00
6-1005	Bank Charges	\$56.00
6-1045	Consultancy - GGHH - Carol Nouwens	\$15,126.47
6-1080	Consultancy - Training & Capacity - Gabriel Dain	\$14,760.00
6-1091	Consultancy-Our Climate Our Health P Rountree	\$9,231.25
6-1150	Insurance	\$4,165.71
6-1175	Media/Communications - Projects	\$756.06
6-1185	Media/Communications - General	\$1,161.83
6-1190	Meeting costs - General	\$1,168.00
6-1192	Meeting Costs - Projects	\$3,952.73
6-2040	Miscellaneous - Projects	\$2,819.00
6-2050	Office Expenses	\$1,504.90
6-3000	Postage - General	\$157.00
6-3050	Postage - Projects	\$124.58
6-4030	Printing & Stationery - Projects	\$1,149.41
6-4070	Rent - Office	\$4,399.92
6-4300	Subscriptions	\$2,332.00
6-5000	Travel & Accommodation - General	\$5,453.38
6-5030	Travel & Accommodation - Projects	\$3,727.48
6-6000	Wages - GGHH	\$8,640.00
6-6010	Wages - LMCF	\$5,305.00
6-6020	Wages & Salaries	\$45,983.83
6-6050	Superannuation Expense	\$4,368.46
<b>Total Expenses</b>		<b>\$145,663.01</b>
<b>Surplus/(Deficit)</b>		<b>\$161,346.07</b>